令和７年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	国語表現IA	1	620100	前学期	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	黒田　譜美	白山麓C： 101.201		水曜　15:00-16:00

授業科目の学習教育目標

キーワード		学習教育目標
1	書く	「書く」活動の準備として、表記、係り受け、接続表現など言葉に関する基本的な知識を習得する。話し言葉と書き言葉、和語・漢語・外来語などニュアンスの違いを意識して、相手や場面によって適切に使いこなせるようにする。また、事実と意見を分けたり、説明の順序を工夫したりする練習を積み、小論文・レポートの執筆へとつなげる。さらに、励ましの言葉や受け入れる言葉など人間関係を構築していく言葉の力や、「聴く」という行為の働きを理解し、日常の言語活動に役立てる姿勢を身につける。
2	話す	
3	聴く	
4	読む	
5	伝え合う	

授業の概要および学習上の助言

■授業概要

この授業ではアクティブラーニングの一環として、グループワークを行う。
国語表現は、実社会で必要な国語の知識や技能を身につけることを目標とした科目である。
国語表現IAでは、教科書『国語表現』（大修館書店）の下記内容に取り組む。

言葉と出会う
伝える、伝え合う
小論文・レポート入門

■学習上の助言

・課題は必ず提出すること。
・毎時の小テストは地道に取り組むこと。
・辞書は必ず用意すること。また、辞書を常に引くように心がけ、知らない言葉を確認し、着実に身につけること。
・さまざまなジャンルの本を読むよう心がけること。

【教科書および参考書・リザーブドブック】

教科書：『国語表現』大修館書店 ISBN：978-4-469-62396-3、『国語の常識 plus』明治書院 ISBN：978-4-469-625-23405-7
参考書：
ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：

履修に必要な予備知識や技能

日本語検定4級（中学校卒業）程度の国語能力を身につけている。

№	教育目標(DP) （記号表記）	学生が達成すべき行動目標
①	e,f	常用漢字の読み書きの習得に積極的に努める。
②	e,f	仮名遣いや送り仮名など表記の決まりを意識し、正しく書くことができる。
③	e,f	接続表現の種類と働きを理解し、適切に使うことができる。
④	e,f	「聴く」という行為の働きを理解し、日常の言語活動に役立てることができる。
⑤	e,f	5W1Hを明確にし、事実と意見を区別して書くことができる。
⑥	e,f	小論文の基本的な書き方を理解し、意見を筋道立てて書くことができる。

達 成 度 評 価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		0	60	20	20	0	0	0	100
総合力指標	知識を取り込む力	0	30	0	0	0	0	0	30
	思考・推論・創造する力	0	10	10	10	0	0	0	30
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	0	10	10	10	0	0	0	30
	学習に取組む姿勢・意欲	0	10	0	0	0	0	0	10

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評価方法	行動目標		評価の実施方法と注意点
試験	①		
	②		
	③		
	④		
	⑤		
	⑥		
クイズ 小テスト	①	レ	小テストは9回実施し、計点60とする。 漢字 8回：30点 表記、文法のまとめ 1回：30点
	②	レ	
	③	レ	
	④		
	⑤		
	⑥		
レポート	①	レ	小論文：10点
	②	レ	
	③	レ	
	④		
	⑤	レ	
	⑥	レ	
成果発表 （口頭・実技）	①		
	②		
	③		
	④		
	⑤		
	⑥		
作品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①	レ	自己紹介文：10点 絵や写真を見て書く：10点 マイニュース記事：10点
	②	レ	
	③	レ	
	④		
	⑤	レ	
	⑥	レ	
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
常用漢字の読み書きの習得に積極的に努めることができる。 仮名遣いや送り仮名の決まりなど表記の決まりを理解し、常に正しく書くことができる。 接続表現の種類と働きを理解し、常に適切に使うことができる。 聞くこと、話すこと、伝え合うことを見つめ直し、コミュニケーションについて新たな発見をすることができる。 5W1Hを明確にし、事実と意見を区別して書くことができる。 小論文の基本的な書き方を理解し、意見を筋道立てて書くことができる。	常用漢字の読み書きの習得に努めることができる。 仮名遣いや送り仮名の決まりなど表記の決まりを意識し、書くことができる。 接続表現の種類と働きを意識し、使うことができる。 聞くこと、話すこと、伝え合うことを見つめ直し、コミュニケーションの楽しさを感じることができる。 5W1Hを意識し、事実と意見を区別して書くことができる。 小論文の基本的な書き方を理解し、意見を書くことができる。

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1 ／	■科目ガイダンス ・科目の目的、内容、評価方法について理解する。 自己紹介 ・構成ノートに下書きをしてから文章を書く。	科目ガイダンス 講義と質疑 プリント配布 グループワーク ポートフォリオ①	復習：配布プリントを再読し、学習教育目標や行動目標を確認する。	30
2 ／	言葉と表記 ・表記の決まりを意識し、正しく書く。 ・漢字や慣用表現を正しく使う。	漢字小テスト① 口頭実技① 講義と質疑 プリント配布	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30
3 ／	整った文を書く ・係り受けについて理解する。 ・文末表現の統一について理解する。	漢字小テスト② 講義と質疑 プリント配布 小テスト①返却	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30
4 ／	相手に応じた言葉遣い ・話し言葉と書き言葉の違いや、その使い分けについて理解する。 ・和語・漢語・外来語のニュアンスの違いと、その使い分けについて理解する。	漢字小テスト③ 講義と質疑 プリント配布 小テスト②返却	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30
5 ／	わかりやすい文を書く ・長すぎる文を避け、わかりやすい文にする方法を理解する。 ・読点を適切に打ち、あいまいな文を避けることの大切さを理解する。	漢字小テスト④ 講義と質疑 プリント配布 小テスト③返却	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30
6 ／	文のつなぎ方 ・接続表現の種類と働きを理解する。 ・文脈による文のつながりを理解する。	漢字小テスト⑤ 講義と質疑 プリント配布 小テスト④返却	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30
7 ／	まとめとふりかえり	まとめの小テスト 講義と質疑 プリント配布 小テスト⑤返却	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30
8 ／	言葉のストレッチ体操 ・要点を落とさないよう集中して聞く。 ・傾聴について理解する。	漢字小テスト⑥ グループワーク まとめの小テスト返却	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30
9 ／	絵や写真を見て書く ・説明の順序を考える。 ・相手に伝えることを意識してわかりやすい文章を書く。	漢字小テスト⑦ 講義と質疑 プリント配布 小テスト⑥返却 ポートフォリオ②	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30
10 ／	マイニュース記事を書こう ・事実を客観的に伝えるために、5W1Hを意識して情報をメモする。 ・事実と意見を区別して書く。	漢字小テスト⑧ 講義と質疑 プリント配布 小テスト⑦返却	予習：小テストのための学習をする。 復習：教科書・ノートを見直す。	30

授業明細表

ＣＬＩＰ学習プロセスについて

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※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
11 ／	マイニュース記事を書こう ・発表する。 ・相互評価する。	講義と質疑 プリント配布 小テスト⑧返却 ポートフォリオ③	予習：発表の準備を行う。 復習：教科書・ノートを見直す。	30
12 ／	小論文 ・小論文の基本的な構成を理解する。 ・与えられた問いについて400字程度の小論文を書く。	レポート（小論文）提出 講義と質疑 プリント配布	予習：小論文について調べる。 復習：教科書・ノートを見直す。	30
13 ／	小論文 ・発想を広げるための方法を理解する。 ・賛成・反対など両面から論じることができる問いを作る。	講義と質疑 プリント配布 グループワーク	予習：発想法について調べる。 復習：教科書・ノートを見直す。	30
14 ／	小論文 ・自分たちが考えた問いについて400字程度の小論文を書く。 ・反論を想定し、それに対する反論を考える。	レポート（小論文）提出 講義と質疑 プリント配布	予習：構成メモを仕上げる。 復習：教科書・ノートを見直す。	30
15 ／	小論文 ・他の学生の書いた小論文を読む。 ・相互評価する。	グループワーク プリント配布 相互評価 ふりかえり	予習：小論文を仕上げる。 復習：相互評価を見直す。	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Expression IA	1	620200	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TAYLOR, James	Hakusanroku C: 101.201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Writing	Students will come prepared to speak and write in English. To progress in the class, students will complete and submit tasks on time. Peer review and feedback are important parts of the writing process, so students will use every opportunity to communicate with classmates and respect others' ideas and opinions. It is crucial to ask classmates or the teacher for help when necessary.
2	Paragraphs	
3	Genres	
4	Journal	
5	Peer review	

Course Description and Expectations for Students (10.5pt)

This course will offer group discussion and group work as types of active learning. Students will consider the features and structures of different genres of paragraphs and will write their own paragraphs of different genres. Students will learn about and practice the writing process, including planning and peer review, to improve the drafts of their work. The work on paragraphs in this course will benefit students as they work on other courses. Through the writing process and targeted language activities, students will gain the skills to describe their ideas logically in written English. Short writing tasks will be completed weekly for homework to give students further opportunities to practice expressing themselves. Students will learn and practice the skills and language to achieve high scores on academic writing tasks.

Required Materials (textbooks, reference books, reserved books) (10.5pt)
Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate in written English.
Desire to improve writing skills through responding appropriately to receiving feedback and constructive criticism.
Work ethic to revise, edit, and rewrite drafts of a paragraph.

No.	Program Objectives	Target Abilities for Students (9pt)
①	b, f	Students will be able to develop sentences and paragraphs in response to issues and themes raised in class.
②	e	Students will be able to draw on cultural knowledge and personal experience to express themselves.
③	d, f, g	Students will be able to use planning techniques and peer review to develop their and others' work.
④	e, f	Students will be able to achieve clarity of thought by identifying the features of various genres of writing.
⑤	f, g	Students will be able to use different writing techniques to express thoughts and opinions and to persuade others.
⑥	e, f, i	Students will be able to investigate and discuss authors' intentions and meanings in various examples.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	80	0	0	20	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	20	0	0	5	0	0	25
	Ability to think, reason and create	0	20	0	0	5	0	0	25
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	20	0	0	5	0	0	25
	Attitude and motivation for learning	0	20	0	0	5	0	0	25

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①	✓	Students will write 6 different genres of paragraph, which will be graded according to the following criteria: Process, Task Achievement, Cohesion, Coherence. The total for each criterion is 10, making the total for each paragraph 40 points. Paragraphs will be submitted online. Feedback will be given online before the following lesson.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①	✓	Students will write a journal of at least 200 words on an assigned topic for homework after each of the first 14 lessons. The journals will be submitted online. Students will receive credit for journals of sufficient length submitted on time. Each journal is worth 10 points. Feedback will be given online before the following lesson.
	②	✓	
	③		
	④		
	⑤	✓	
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students improve their writing drastically, go through the writing process, respond appropriately to feedback, and produce paragraphs of various genres that are logically structured, well argued, and supported by evidence from reliable sources. Students complete and submit all work on time.	Students improve their writing to some extent, go through the writing process, respond to some feedback, and produce paragraphs of various genres that are for the most part logically structured, well argued, and supported by evidence from reliable sources.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction: students will read the syllabus. Elements of a paragraph: Students will consider the structure of a paragraph.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
2 /	Opinion Paragraph: Students will consider the features and structures of opinion paragraphs, then plan and write their own.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
3 /	Cause & Effect Paragraph: Students will consider the features and structures of cause and effect paragraphs, then plan and write their own.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
4 /	Process Paragraph: Students will consider the features and structures of process paragraphs, then plan and write their own.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
5 /	Comparison Paragraph: Students will consider the features and structures of process paragraphs, then plan and write their own.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
6 /	Problem-Solution Paragraph: Students will consider the features and structures of problem-solution paragraphs, then plan and write their own.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
7 /	Persuasive Paragraph: Students will consider the features and structures of persuasive paragraphs, then write their own.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
8 /	Review: Students will review what has been covered so far in the course.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
9 /	Introductory Paragraph: Students will consider the features and structures of introductory paragraphs and thesis statements.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
10 /	Introductory Paragraph: Students will plan and write their own introductory paragraph.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Main Body Paragraphs: Students will consider the features and structures of effective main body paragraphs, then plan their own.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
12 /	Main Body Paragraphs: Students will write their own main body paragraphs.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
13 /	Main Body Paragraphs: Students will write their own main body paragraphs.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
14 /	Concluding Paragraph: Students will consider the features and structures of concluding paragraphs, then plan and write their own. Title: Students will consider the features of effective titles.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
15 /	Review: Students will review what was learnt in this course, reflect on their performance, and consider the next semester.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work		

令和７年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	国語表現IB	1	620300	後学期	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	黒田　譜美	白山麓C： 101.201		水曜　15:00-16:00

授 業 科 目 の 学 習 教 育 目 標

キーワード		学習教育目標
1	書く	人間関係を維持、構築する上で重要な挨拶、敬語についての知識を習得し、実生活でも実践する態度を養う。履歴書、自己推薦書、学修計画書など自分をアピールする書類の特徴を理解し、具体的で説得力のある文章を書けるようにする。社会生活で必要なコミュニケーション能力を高めるために、電子メールのマナーや電話応対、手紙の形式の基礎を学び、相手や目的に応じて、適切なメディアや形式を選び、使い分けられるようにする。さらに、新聞やインターネットの特徴や注意点を理解し、情報を吟味しながら活用する力を身につける。
2	話す	
3	聞く	
4	読む	
5	メディア	

授業の概要および学習上の助言

■授業概要

この授業ではアクティブラーニングの一環として、グループワークや発見学習を行う。

国語表現IBでは、教科書『国語表現』（大修館書店）の下記内容に取り組む。

小論文・レポート入門

自己PRと面接

メディアを駆使する

付録 敬語のまとめ

■学習上の助言

・課題は必ず提出すること。

・毎時の小テストは地道に取り組むこと。

・辞書は必ず用意すること。また、辞書を常に引くように心がけ、知らない言葉を確認し、着実に身につけること。

・さまざまなジャンルの本を読むよう心がけること。

【教科書および参考書・リザーブドブック】

教科書：『国語表現』大修館書店 ISBN：978-4-469-62396-3、『国語の常識 plus』明治書院 ISBN：978-4-469-625-23405-7

参考書：

ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：

履修に必要な予備知識や技能

国語表現IAを履修し、日本語の読解力や文章表現力を身につけている。

№	教育目標(DP)（記号表記）	学生が達成すべき行動目標
①	e,f	常用漢字の読み書きの習得に積極的に努める。
②	e,f	人間関係を構築する上での敬語の重要性を理解し、場面や相手に応じて適切に敬語を使うことができる。
③	e,f	電子メール、手紙の基本作法を理解し、適切に使用できる。
④	e,f	具体的なエピソードを入れて、効果的な自己PRをすることができる。
⑤	e,f	インターネットでの情報の検索の仕方と、その注意点について理解することができる。
⑥	e,f	参考文献表の作成方法や引用方法を理解し、自分の意見と他者の意見を区別して書くことができる。

達 成 度 評 価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		0	40	30	30	0	0	0	100
総合力指標	知識を取り込む力	0	30	0	0	0	0	0	30
	思考・推論・創造する力	0	0	20	0	0	0	0	20
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	0	0	10	20	0	0	0	30
	学習に取組む姿勢・意欲	0	10	0	10	0	0	0	20

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評価方法	行動目標		評価の実施方法と注意点
試験	①		
	②		
	③		
	④		
	⑤		
	⑥		
クイズ 小テスト	①	レ	小テストは7回実施し、計40点とする。 敬語1回：10点 漢字6回：各5点
	②	レ	
	③		
	④		
	⑤		
	⑥		
レポート	①		レポートは2種類課し、下記配点とする。 ①面接準備シート：10点 ②レポート（問いの作り方、参考文献表、構成ノート含む）：20点
	②		
	③		
	④	レ	
	⑤	レ	
	⑥	レ	
成果発表 （口頭・実技）	①		成果発表（口頭・実技）は3種類課し、各10点計30点とする。 ①挨拶 ②模擬面接 ③電子メール
	②	レ	
	③	レ	
	④	レ	
	⑤		
	⑥		
作品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①		
	②		
	③		
	④		
	⑤		
	⑥		
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
目的や場に応じて常に適切な挨拶ができる。 場や相手に応じて常に適切に敬語を使うことができる。 電子メールや手紙の基本作法ーを理解し、常に適切に書くことができる。 具体的なエピソードに基づいて、効果的な自己PRをすることができる。 インターネットでの情報の検索方法とその注意点について理解し、信頼できる情報を集めることができる。 参考文献表の作成方法や引用方法を正しく理解し、他者の意見を有効に引用しながら文章を論理的に展開することができる。	目的や場に応じて適切な挨拶を心がけている。 場や相手に応じて適切に敬語を使うことを心がけている。 電子メールや手紙の基本作法ーを理解し、適切に書くことができる。 エピソードを入れて、自己PRをすることができる。 インターネットでの情報の検索方法とその注意点について理解することができる。 参考文献表の作成方法や引用方法を理解し、自分の意見と他者の意見を区別して書くことができる。

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1 ／	■科目ガイダンス ・科目の目的、内容、評価方法について理解する。 挨拶と人間関係 ・挨拶が人間関係や社会生活にどのような影響を及ぼしているかを理解し、自らの言語生活を検証する。	科目ガイダンス 講義と質疑 プリント配布	復習：配布プリントを再読し、学習教育目標や行動目標を確認する。	30
2 ／	待遇表現―敬語によるコミュニケーション ・尊敬語を理解し、適切に使えるようにする。	漢字小テスト① 実技①（挨拶） 講義と質疑 プリント配布 グループワーク	予習：尊敬語について調べる。 復習：教科書・ノートを見直す。	30
3 ／	待遇表現―敬語によるコミュニケーション ・謙譲語を理解し、適切に使えるようにする。	漢字小テスト② 講義と質疑 プリント配布 グループワーク 小テスト①返却	予習：謙譲語について調べる。 復習：教科書・ノートを見直す。	30
4 ／	待遇表現―敬語によるコミュニケーション ・誤った敬語表現を正しい敬語表現に改める。	敬語小テスト 講義と質疑 プリント配布 グループワーク 小テスト②返却	予習：誤りやすい敬語表現について調べる。 復習：教科書・ノートを見直す。	30
5 ／	面接―自分を知る ・自己分析やグループワークを通して、自分の長所や短所を理解し、言語化できるようにする。	漢字小テスト③ 講義と質疑 プリント配布 グループワーク 敬語小テスト返却	予習：自己分析について調べる。 復習：教科書・ノートを見直す。	30
6 ／	面接―相手を知る ・志望先の情報を集め、面接準備シートを作成する。	レポート①提出（面接準備シート） 講義と質疑 プリント配布 グループワーク 小テスト④返却	予習：志望先の情報を調べる。 復習：面接準備シートを見直す。	30
7 ／	面接―模擬面接をする ・伝わる話し方について理解し、面接における心構えと技術を習得する。 ・模擬面接を通して、面接の基本事項を学ぶ。	実技②（模擬面接） プリント配布 グループワーク レポート②返却	予習：模擬面接の練習をする。 復習：教科書・ノートを見直す。	30
8 ／	通信文を書き分ける ・さまざまな通信文の形式を理解する。 ・相手や目的に応じて適切な形式を選び、通信文を書く。	漢字小テスト④ 講義と質疑 プリント配布 グループワーク	予習：通信文の目的や形式について調べる。 復習：通信文を仕上げる。	30
9 ／	電子メール ・電子メールの特徴やマナーを理解し、適切な形式と内容で電子メール文書を作成する。	実技③（電子メール） 講義と質疑 プリント配布 グループワーク 漢字小テスト返却	予習：電子メールの書式について調べる。 復習：実技③（電子メール）を仕上げる。	30
10 ／	メディアと情報 ・情報が編集されていることを理解する。 ・メディアごとに立場や条件が異なり、情報の伝え方が異なることを理解する。	漢字小テスト⑤ 講義と質疑 プリント配布 グループワーク	予習：情報の編集目的や方法について調べる。 復習：教科書・ノートを見直す。	30

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
11 ／	ネットを活用した情報収集 ・インターネットでの情報検索の仕方と、その注意点について理解する。 ・引用の方法、参考文献や注の示し方を理解する。	漢字小テスト⑥ 講義と質疑 プリント配布 グループワーク 漢字小テスト⑤返却	予習：著作権について調べる。 復習：教科書・ノートを見直す。	30
12 ／	レポートを書く ・レポートのテーマから多様な問いを作成する。 ・問いを絞る。	「問いの作り方」提出 講義と質疑 プリント配布 グループワーク 漢字小テスト⑥返却	予習：取り組むテーマを考える。 復習：問いに対する意見を考える。	30
13 ／	レポートを書く ・意見を支える理由を挙げ、客観的な根拠を集める。 ・文章構成・展開を考え、構成ノートを作成する。	「参考文献表」提出 講義と質疑 プリント配布 グループワーク	予習：参考文献を探しておく。 復習：構成ノートを書き進める。	30
14 ／	レポートを書く ・レポートを執筆する。	「構成ノート」提出 講義と質疑 プリント配布	予習：構成ノートを完成させる。 復習：本文執筆をすすめる。	30
15 ／	レポートを書く ・レポートを相互評価する。	レポート②提出 講義と質疑 プリント配布 グループワーク ふりかえり	予習：レポートを見直す。 復習：相互評価を見直す。	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Expression I B	1	620400	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TAYLOR, James	Hakusanroku C: 101.201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Writing	Students will come prepared to speak and write in English. To progress in the class, students will complete and submit tasks on time. Peer review and feedback are important parts of the writing process, so students will use every opportunity to communicate with classmates, and respect others' ideas and opinions. It is crucial to ask classmates or the teacher for help when necessary.
2	Essays	
3	Genre	
4	Journal	
5	IELTS	

Course Description and Expectations for Students (10.5pt)

This course will offer group discussion and group work as types of active learning. Students will consider what they learnt in English Expression I A and expand on their knowledge by continuing to learn about and practice the writing process, including planning and peer review, to write essays. Through the writing process and targeted language activities, students will gain the skills to describe their ideas logically in written English. Short writing tasks will be completed weekly for homework to give students further opportunities to practice expressing themselves. Students will learn and practice the skills and language to achieve high scores on academic writing tasks.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate in written English.
Desire to improve writing skills through responding appropriately to receiving feedback and constructive criticism.
Work ethic to revise, edit, and rewrite drafts of an essay.

No.	Program Objectives	Target Abilities for Students (9pt)
①	b, f	Students will be able to develop sentences, paragraphs, and essays in response to issues and themes raised in class.
②	e	Students will be able to draw on cultural knowledge and personal experience to express themselves.
③	d, f, g	Students will be able to use planning techniques and peer review to develop their and others' work.
④	e, f	Students will be able to achieve clarity of thought by identifying the features of various genres of writing.
⑤	f, g	Students will be able to use rhetorical appeals to express thoughts and opinions and to persuade others.
⑥	e, f, i	Students will be able to investigate and discuss authors' intentions and meanings in various examples.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	80	0	20	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	20	0	5	0	0	25
	Ability to think, reason and create	0	0	20	0	5	0	0	25
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	20	0	5	0	0	25
	Attitude and motivation for learning	0	0	20	0	5	0	0	25

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①	✓	Students will write 2 different genres of essay, which will be graded according on Process (25), Task Achievement (25), Cohesion (25), Coherence (25). Essays will be submitted online. Feedback will be given online before the following lesson. Students will complete Academic Writing Task 1 and Task 2 at least twice each. These will be graded on Task Achievement (9), Coherence & Cohesion (9), Lexical Resource (9), Grammar (9). Feedback will be given in writing and electronically at the start of the following lesson.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①	✓	Students will write a journal of at least 200 words on an assigned topic for homework after each of the first 14 lessons. The journals will be submitted online. Students will receive credit for journals of sufficient length submitted on time. Each journal is worth 10 points. Feedback will be given online before the following lesson.
	②	✓	
	③		
	④		
	⑤	✓	
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students improve their writing drastically, go through the writing process, respond appropriately to feedback, and produce paragraphs of various genres that are logically structured, well argued, and supported by evidence from reliable sources. Students complete and submit all work on time. Students achieve high scores on academic writing tasks.	Students improve their writing to some extent, go through the writing process, respond to some feedback, and produce paragraphs of various genres that are for the most part logically structured, well argued, and supported by evidence from reliable sources. Students achieve reasonable scores on academic writing tasks.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction: Students will read the syllabus. Academic Writing Task 1 Introduction & Main Body: Students will consider how to write the introduction and main body of an academic writing task answer (graphs and charts).	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
2 /	Academic Writing Task 1 Main Body & Conclusion: Students will consider how to write the main body and conclusion of an academic writing task answer.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
3 /	Academic Writing Task 1 Practice: Students will attempt an academic writing task under exam conditions.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
4 /	Academic Writing Task 2 Introduction & Main Body: Students will consider how to write the introduction and main body of an academic writing task 2 answer (opinion).	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
5 /	Academic Writing Task 2 Main Body & Conclusion: Students will consider how to write the main body and conclusion of an academic writing task 2 answer.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
6 /	Academic Writing Task 2 Practice: Students will attempt an academic writing task under exam conditions.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
7 /	Opinion Essay 1: Students will review the features and structures of an opinion paragraph, review their own paragraph, then plan and write an opinion essay.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
8 /	Opinion Essay 2: Students will continue writing their opinion essay.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
9 /	Opinion Essay 3: Students will continue writing their opinion essay.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
10 /	Opinion Essay 4: Students will complete and submit their opinion essay.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Academic Writing: Students will review academic writing tasks 1 and 2, then attempt the tasks under exam conditions.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
12 /	Cause & Effect Essay 1: Students will review the features and structures of a cause and effect paragraph, review their own paragraph, then plan and write a cause and effect essay.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
13 /	Cause & Effect Essay 2: Students will continue writing their cause and effect essay.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
14 /	Cause & Effect Essay 3: Students will continue writing their cause and effect essay.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work	Journal	30
15 /	Cause & Effect Essay 4: Students will complete and submit their cause and effect essay. Review: Students will review what was learnt in this course, reflect on their performance, and consider the next semester.	Worksheets, writing, brainstorming, discussion, peer review; individual, pair, and group work		

令和7年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	日本語基礎A Fundamental Japanese A	2	620900	前学期 1st semester	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	筒井　昌子 TSUTSUI, Masako	白山麓C 101,201		

授 業 科 目 の 学 習 教 育 目 標

キーワード		学習教育目標
1	日本語	この科目では、キャンパスでの一般的な日常会話の習得を目指し、日本語の入門レベルの文型や文法の学習を踏まえた、話す・聞く能力を高める学習を行う。 In this course, students will learn to improve their speaking and listening skills based on the study of introductory-level sentence patterns and grammar in Japanese, with the aim of mastering general daily conversation on campus.
2	コミュニケーションスキル	
3	日本文化・社会	
4		
5		

授業の概要および学習上の助言

【授業の概要】

本科目は「日本語IA」と連動しており教材も共通のものを利用する。

キャンパスでの生活における日常会話の習得を目指す。

「日本語基礎A」では「日本語ＩA」で学習した文字・語彙・文法・文型を用いて、キャンパスでの生活における日常会話の習得と・聴解技能の向上を目指す。

This course is linked to “Japanese Language I A” and uses the same teaching materials.

The aim of this course is to master daily conversation in campus life.

In “Fundamental Japanese A,” students will use the letters, vocabulary, grammar, and sentence patterns learned in “Japanese I A” to learn daily conversation and improve listening comprehension skills for daily life on campus.

【学習上の助言】

・学習目標を常に意識すること。

・わからない言葉は辞書で調べること。

- Always be aware of your learning goals.

- Look up unfamiliar words in a dictionary.

※この授業ではアクティブラーニングの一環として、調査学習、体験学習、グループワークなどを行う。

* This class will include research, experiential learning, and group work as part of active learning.

【教科書および参考書・リザーブドブック】

教科書：『いろどり　生活の日本語』国際交流基金（オンラインテキスト）

参考書：なし

ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：なし

履修に必要な予備知識や技能

特になし

No.	教育目標(DP) (記号表記)	学生が達成すべき行動目標
①	e,i	ひらがな、カタカナが正しく読める。 Student will be able to read hiragana and katakana correctly.
②	e,i	テキストで学んだ文型や語彙が用いられた日本語表現を聞いて、意味を理解できる。 Can listen to and understand the meaning of Japanese expressions in which sentence patterns and vocabulary learned in the text are used.
③	a,e,i	テキストで学んだ文型や語彙を用いて話して、大まかに自分の意志を伝えることができる。 Can speak using sentence patterns and vocabulary learned in the text and communicate his/her intentions in broad strokes.
④	e,i	挨拶表現など、日本での習慣的な基本ルールを理解し行動で表現できる。 Understand the basic rules of Japanese customs, such as greetings and expressions, and express them through actions.
⑤	e,f,g	学習した場面と類似の状況下で、学習した言葉や文型を応用して談話展開が想像できる。 Student will be able to create discourse in a situation similar to the one studied.
⑥	e.f.g	突然の談話展開に臆せず、学習した状況に近いタスクをこなすことができる。 Student will be able to perform tasks in situations similar to those studied without being intimidated by sudden discourse developments.

達　成　度　評　価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		0	80	0	20	0	0	0	100
総合力指標	知識を取り込む力	0	40	0	0	0	0	0	40
	思考・推論・創造する力	0	0	0	5	0	0	0	5
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	0	40	0	15	0	0	0	55
	学習に取組む姿勢・意欲	0	0	0	0	0	0	0	0

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評価方法	行動目標		評価の実施方法と注意点
試験	①		
	②		
	③		
	④		
	⑤		
	⑥		
クイズ 小テスト	①	✓	**クイズ・テスト** Quizzes/Test
	②	✓	・談話作成テスト　評価割合　80%
	③	✓	- Letters (include Kanji), vocabulary　(80/100)
	④	✓	※1課または数課ごとにクイズを行う。回数や実施日は学習進度によって変わるため学生と相談の上決定する。
	⑤	✓	* Quizzes will be given every 1chapter or few chapters. The number of quizzes and dates will depend on the progress of the students and will be decided in consultation with the students.
	⑥		
レポート	①		
	②		
	③		
	④		
	⑤		
	⑥		
成果発表 （口頭・実技）	①		
	②	✓	**口頭会話チェック Oral conversation**
	③	✓	・ロールプレイ　評価割合　20%
	④	✓	- oral conversation test　(20/100)
	⑤	✓	※評価内容は事前にルーブリックを提示する。
	⑥	✓	*A rubric will be presented in advance of the evaluation content.
作品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①		
	②		
	③		
	④		
	⑤		
	⑥		
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
・助詞や文型、時制を正しく使って、文を産出できる。 ・自分が言いたいことを、学習した文型や語彙を用いて、いくつかの単文で表現できる。 -Can produce sentences using particles, sentence structure and tenses correctly. -Can express what you wants to say in several single sentences using the learned sentence patterns and vocabulary.	・時折、助詞や文型、時制の間違いなどはあるが、意味が通じる程度の正確さで文を産出できる。 ・文型や語彙を助けてもらいながら、自分が言いたいことを、いくつかの単文で表現できる。 -Can produce sentences that make sense despite occasional errors in particles, sentence structure, and tense. -Can express what he/she wants to say in a few single sentences with the help of others.

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1	Class Orientation Introduction of Japanese letter	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
2	Numbers Classroom Expressions Greetings Pronunciation	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
3	More Numbers Introducing yourself Pronunciation of Special Sound.	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
4 ／	Lesson 1 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
5 ／	Lesson 1 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
6 ／	Lesson 2 Grammar Can-do 3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
7 ／	Lesson 2 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
8 ／	Lesson 3 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
9 ／	Lesson 3 Grammar Can-do 3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
10 ／	Review	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
11 ／	Lesson 4 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
12 ／	Lesson 5 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
13 ／	Lesson 6 Grammar Can-do 3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30

授業明細表

ＣＬＩＰ学習プロセスについて

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※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
14 ／	Lesson 7 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
15 ／	Lesson 8 Grammar Can-do 2,3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
16 ／	Lesson 9 Grammar Can-do 4 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents テストの準備　Prepare for Test	30
17 ／	**会話テスト #1 Conversation Test** Review	講義・演習 Lecture・Practice テスト実施・採点・返却 Test, Grading & Return	授業内容の復習 Review the course contents	30
18 ／	Lesson 10 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
19 ／	Lesson 11 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
20 ／	Lesson 12 Grammar Can-do 3,4 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
21 ／	Lesson 13 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
22 ／	Lesson 14 Grammar Can-do 1,2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
23 ／	Lesson 15 Grammar Can-do 2,3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
24 ／	Lesson 16 Grammar Can-do 4,5 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents テストの準備　Prepare for Test	30
25 ／	**会話テスト #2 Conversation Test** Review	講義・演習 Lecture・Practice テスト実施・採点・返却 Test, Grading & Return	授業内容の復習 Review the course contents	30
26 ／	Lesson17 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
27 ／	Lesson 18 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
28 ／	Lesson 7 Grammar Can-do 3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents テストの準備 Prepare for Test	30
29 ／	**会話テスト #3 Conversation Test**	講義・演習 Lecture・Practice テスト実施・採点・返却 Test, Grading & Return	授業内容の復習 Review the course contents	30
30 ／	Review & Self Evaluation	講義・演習 Lecture・Practice		なし

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	Bridge English A (Physics)	2	621000	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TSUDA, Akihiro	Hakusanroku C: 101. 201		Monday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	STEM	This course emphasizes the fundamental English language to support all the STEM courses conducted in English in the 1st and 2nd year. The main purpose of it is for students to be able to succeed in the content courses as they learn how to address and approach the challenges such as scientific terminology, expressions, or concepts in English.
2	Engineering	
3	Study Skills	
4		
5		

Course Description and Expectations for Students (10.5pt)

This course will offer group work in class as a type of active learning."

The main purpose is to provide the academic support in STEM classes. As all the STEM courses are taught in English, which may cause you to face many challenges and even decrease motivation, the fundamentals gained in this course allow you to build up confidence and academic skills. Additionally, we advise you to use these skills outside of the classroom.
This course is divided into 4 sections; Chemistry, Physics, Math, and Engineering and Science.

(Physics)
Lecture, exercise, pair-work, presentation,
You need to submit all the handouts after a quiz.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinion, and plans. Can also ask questions, read simple instructions, and take directions.

No.	Program Objectives	Target Abilities for Students (9pt)
①	h	Students will be able to improve their vocabulary in order to succeed in their STEM classes.
②	h	Students will be able to use scientific language and expressions needed in their STEM classes.
③	h, d	Students will be able to develop problem solving skills in order to take responsibility for their own learning.
④	i	Students will be able to develop a broader mindset from the content they study in their classes.
⑤	i	Students will be able to increase their knowledge about the content they study.
⑥	i	Students will be able to understand each grammatical point.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	60	40	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	40	20	0	0	0	0	60
	Ability to think, reason and create	0	20	10	0	0	0	0	30
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	10	0	0	0	0	10
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	Each quiz will be given after a block of 3 classes. There are 4 quizzes throughout a semester. Total (100pts) = Physics (25pts) + Chemistry (25pts) + Engineering (25pts) + Math (25pts) The results will be returned in class in the following week.
	②	✓	
	③	✓	
	④		
	⑤		
	⑥	✓	
Reports	①		In order to review and evaluate your understanding and progress, you need to submit handouts. Submission rules depend on each teacher. The handouts will be returned in class after a quiz.
	②		
	③		
	④	✓	
	⑤	✓	
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Engineering Airplane	Lecture Interactive activity Project based	Read the syllabus Study vocabulary	20
2 /	Engineering Airplane ①	Lecture Interactive activity Project based	Finish the review sheet	30
3 /	Shape ①	Lecture Interactive activity	Review the content Complete the assignment	30
4 /	Shape ①	Lecture Interactive activity	Review the content Complete the assignment	30
5 /	Shape ②	Lecture Interactive activity	Review the content Complete the assignment	30
6 /	Shape ②	Lecture Interactive activity	Review the content Complete the assignment	30
7 /	Force ①	Lecture Interactive activity	Review the content Complete the assignment	30
8 /	Force ①	Lecture Interactive activity	Review the content Complete the assignment	30
9 /	**Catch-up / Quiz** 1	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
10 /	Force ②	Lecture Interactive activity	Review the content Complete the assignment	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Force ②	Lecture Interactive activity	Review the content Complete the assignment	30
12 /	Inertia ①	Lecture Interactive activity	Review the content Complete the assignment	30
13 /	Inertia ①	Lecture Interactive activity	Review the content Complete the assignment	30
14 /	Inertia ②	Lecture Interactive activity	Review the content Complete the assignment	30
15 /	Inertia ②	Lecture Interactive activity	Review the content Complete the assignment	30
16 /	**Catch-up / Quiz 2**	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
17 /	Movement/Actions ①	Lecture Interactive activity	Review the content Complete the assignment	30
18 /	Movement/Actions ①	Lecture Interactive activity	Review the content Complete the assignment	30
19 /	Movement/Actions ②	Lecture Interactive activity	Review the content Complete the assignment	30
20 /	Movement/Actions ②	Lecture Interactive activity	Review the content Complete the assignment	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Heat ①	Lecture Interactive activity	Review the content Complete the assignment	30
22 /	Heat ①	Lecture Interactive activity	Review the content Complete the assignment	30
23 /	**Catch-up / Quiz 3**	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
24 /	Heat ②	Lecture Interactive activity	Review the content Complete the assignment	30
25 /	Heat ②	Lecture Interactive activity	Review the content Complete the assignment	30
26 /	Describing an experiment ①	Lecture Interactive activity	Review the content Complete the assignment	30
27 /	Describing an experiment ①	Lecture Interactive activity	Review the content Complete the assignment	30
28 /	Describing an experiment ②	Lecture Interactive activity	Review the content Complete the assignment	30
29 /	Describing an experiment ②	Lecture Interactive activity	Review the content Complete the assignment	30
30 /	**Catch-up / Quiz 4**	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	Bridge English A (Math)	2	621000	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	BARNETSON, Hamish	Hakusanroku C.: 101.201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	STEM	This course emphasizes the fundamental English language to support all the STEM courses conducted in English in the 1st and 2nd year. The main purpose of it is for students to be able to succeed in the content courses as they learn how to address and approach the challenges such as scientific terminology, expressions, or concepts in English.
2	Engineering	
3	Study Skills	
4		
5		

Course Description and Expectations for Students (10.5pt)

This course will offer group work, problem solving, discovery and experiential learning as types of active learning. The main purpose is to provide academic support in STEM classes. As all the STEM courses are taught in English, which may cause you to face many challenges and even decrease motivation, the fundamentals gained in this course allow you to build up confidence and academic skills. Additionally, we advise you to use these skills outside of the classroom.
This course is divided into 4 sections: Chemistry, Physics, Math, and Engineering and Science.

(Math)
Lecture, exercise, pair-work, presentation.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinions, and plans. Can also ask questions, read simple instructions, and take directions.

No.	Program Objectives	Target Abilities for Students (9pt)
①	h	Students will be able to improve their vocabulary in order to succeed in their STEM classes.
②	h	Students will be able to use scientific language and expressions needed in their STEM classes.
③	h, d	Students will be able to develop problem-solving in order to take responsibility for their own learning.
④	i	Students will be able to develop a broader mindset from the content they study in their classes.
⑤	i	Students will be able to increase their knowledge about the content they study.
⑥	i	Students will be able to understand each grammatical point.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	60	40	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	40	20	0	0	0	0	60
	Ability to think, reason and create	0	20	10	0	0	0	0	30
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	10	0	0	0	0	10
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	Each quiz will be given after a block of 3 classes. There are 4 quizzes throughout a semester. Total (100pts) = Physics (25pts) + Chemistry (25pts) + Engineering (25pts) + Math (25pts) The results will be returned in class in the following week.
	②	✓	
	③	✓	
	④		
	⑤		
	⑥	✓	
Reports	①		In order to review and evaluate your understanding and progress, you need to submit handouts. Submission rules depend on each teacher. The handouts will be returned in class after a quiz.
	②		
	③		
	④	✓	
	⑤	✓	
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Engineering Airplane	Lecture Interactive activity Project-based	Read the syllabus Study vocabulary	30
2 /	Engineering Airplane ①	Project-based	Finish the review sheet	30
3 /	Numbers 1 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary they learn; complete assignments	30
4 /	Numbers 1 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary they learn; complete assignments	30
5 /	Vocabulary 1 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary they learn; complete assignments	30
6 /	Vocabulary 1 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary they learn; complete assignments	30
7 /	Formula 1 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary they learn; complete assignments	30
8 /	Formula 1 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary they learn; complete assignments	30
9 /	**Catch-up / Quiz 1**	Lecture, pair-work, and practice	Review for Quiz 1	30
10 /	Vocabulary 2 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Review and reflect	Review the vocabulary they learn; complete assignments	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Vocabulary 2 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
12 /	Formula 2 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
13 /	Formula 2 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
14 /	Graph 1 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
15 /	Graph 1 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Quiz 2 review	30
16 /	**Catch-up / Quiz 2**	Review and evaluate. your progress and understanding	Review the vocabulary; complete assignments	30
17 /	Numbers 2 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
18 /	Numbers 2 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
19 /	Graph 2 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
20 /	Graph 2 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Formula 3 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
22 /	Formula 3 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Quiz 3 review module	30
23 /	**Catch-up / Quiz 3**	Review and evaluate. your progress and understanding	Study for a quiz / review the contents	30
24 /	Numbers 3 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
25 /	Numbers 3 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
26 /	Vocabulary 3 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
27 /	Vocabulary 3 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
28 /	Graphs 3 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Review the vocabulary; complete assignments	30
29 /	Graphs 3 Exploring the origin/history of math vocabulary/language and the links between this class and other ICT classes.	Lecture, pair-work, and practice	Quiz 4 review	30
30 /	**Catch-up / Quiz 4**	Review and evaluate your progress and understanding	Study for a quiz/review the contents	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	Bridge English A (Engineering and Science)	2	621000	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	STEVENSON, Ian	Hakusanroku C.: 101.201		Tuesday 16:30-17:30

Course Objectives

	Keywords (10.5pt)	Learning Objectives (10.5pt)
1	STEM	This course emphasizes the fundamental English language to support all the STEM courses conducted in English in the 1st and 2nd year. The main purpose of it is for students to be able to succeed in the content courses as they learn how to address and approach the challenges such as scientific terminology, expressions, or concepts in English.
2	Engineering	
3	Study Skills	
4		
5		

Course Description and Expectations for Students (10.5pt)

This course will offer group work, problem solving, discovery and experiential learning as types of active learning. The main purpose is to provide academic support in STEM classes. As all the STEM courses are taught in English, which may cause you to face many challenges and even decrease motivation, the fundamentals gained in this course allow you to build confidence and academic skills. Additionally, we advise you to use these skills outside of the classroom.
This course is divided into 4 sections; Chemistry, Physics, Math, and Engineering and Science.

(Engineering and Science)
Lecture, exercises, pair-work, presentation

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinion, and plans. Can also ask questions, read simple instructions, and take directions.

No.	Program Objectives	Target Abilities for Students (9pt)
①	h	Students will be able to improve their vocabulary in order to succeed in their STEM classes.
②	h	Students will be able to use scientific language and expressions needed in their STEM classes.
③	h, d	Students will be able to develop problem-solving skills in order to take responsibility for their own learning.
④	i	Students will be able to develop a broader mindset from the content they study in their classes.
⑤	i	Students will be able to increase their knowledge about the content they study.
⑥	i	Students will be able to understand each grammatical point.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	60	40	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	40	20	0	0	0	0	60
	Ability to think, reason and create	0	20	10	0	0	0	0	30
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	10	0	0	0	0	10
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	Each quiz will be given after a block of 3 classes. There are 4 quizzes throughout a semester. Total (100pts) = Physics (25pts) + Chemistry (25pts) + Engineering and Science (25pts) + Math (25pts) The results will be returned in class in the following week.
	②	✓	
	③	✓	
	④		
	⑤		
	⑥	✓	
Reports	①		In order to review and evaluate your understanding and progress, you need to submit handouts. Submission rules depend on each teacher. The handouts will be returned in class after a quiz.
	②		
	③		
	④	✓	
	⑤	✓	
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Engineering Airplane	Lecture Interactive activity Project based	Read the syllabus Study vocabulary	30
2 /	Engineering Airplane ①	Lecture Interactive activity Project based	Finish the review sheet	30
3 /	Design ①	Lecture Interactive activity	Review the content Complete the assignment	30
4 /	Design ①	Lecture Interactive activity	Review the content Complete the assignment	30
5 /	Design ②	Lecture Interactive activity	Review the content Complete the assignment	30
6 /	Design ②	Lecture Interactive activity	Review the content Complete the assignment	30
7 /	Prototyping ①	Lecture Interactive activity	Review the content Complete the assignment	30
8 /	Prototyping ①	Lecture Interactive activity	Review the content Complete the assignment	30
9 /	**Catch-up / Quiz** 1	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
10 /	Prototyping ②	Lecture Interactive activity	Review the content Complete the assignment	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Prototyping ②	Lecture Interactive activity	Review the content Complete the assignment	30
12 /	Presenting ① Explaining your prototype to another engineer	Lecture Interactive activity	Review the content Complete the assignment	30
13 /	Presenting ①	Lecture Interactive activity	Review the content Complete the assignment	30
14 /	Presenting ②	Lecture Interactive activity	Review the content Complete the assignment	30
15 /	Presenting ②	Lecture Interactive activity	Review the content Complete the assignment	30
16 /	**Catch-up / Quiz 2**	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
17 /	Computer Skills ①	Lecture Interactive activity	Review the content Complete the assignment	30
18 /	Computer Skills ①	Lecture Interactive activity	Review the content Complete the assignment	30
19 /	Computer Skills ②	Lecture Interactive activity	Review the content Complete the assignment	30
20 /	Computer Skills ②	Lecture Interactive activity	Review the content Complete the assignment	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Computer Issues ①	Lecture Interactive activity	Review the content Complete the assignment	30
22 /	Computer Issues ①	Lecture Interactive activity	Review the content Complete the assignment	30
23 /	**Catch-up / Quiz 3**	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
24 /	Computer Issues ②	Lecture Interactive activity	Review the content Complete the assignment	30
25 /	Computer Issues ②	Lecture Interactive activity	Review the content Complete the assignment	30
26 /	Poster Presentation ① Developing the necessary computer skills to make a good poster	Lecture Interactive activity	Review the content Complete the assignment	30
27 /	Poster Presentation ①	Lecture Interactive activity	Review the content Complete the assignment	30
28 /	Poster Presentation ②	Lecture Interactive activity	Review the content Complete the assignment	30
29 /	Poster Presentation ②	Lecture Interactive activity	Review the content Complete the assignment	30
30 /	**Catch-up / Quiz 4**	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	Bridge English A (Chemistry)	2	621000	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	BAIRD, Pauline	Hakusanroku C: 101. 201		M-W 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	STEM	This course emphasizes the fundamental English language to support all the STEM courses conducted in English in the 1st and 2nd year. The main purpose of it is for students to be able to succeed in the content courses as they learn how to address and approach the challenges such as scientific terminology, expressions, or concepts in English.
2	Engineering	
3	Study Skills	
4		
5		

Course Description and Expectations for Students (10.5pt)

This course will offer discovery and experiential learning as types of active learning. The main purpose is to provide academic support in STEM classes. As all the STEM courses are taught in English, which may cause you to face many challenges and even decrease motivation, the fundamentals gained in this course allow you to build up confidence and academic skills. Additionally, we advise you to use these skills outside of the classroom. This course is divided into 4 sections: Chemistry, Physics, Math, Engineering and Science.

(Chemistry)
Lecture, exercise, pair-work, presentation,
You need to submit all the handouts on the day of the quiz.

Required Materials (textbooks, reference books, reserved books) (10.5pt)
Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinions, and plans. Can also ask questions, read simple instructions, and take directions.

No.	Program Objectives	Target Abilities for Students (9pt)
①	h	Students will be able to improve their vocabulary in order to succeed in their STEM classes.
②	h	Students will be able to use scientific language and expressions needed in their STEM classes.
③	h, d	Students will be able to develop problem-solving skills in order to take responsibility for their own learning.
④	i	Students will be able to develop a broader mindset from the content they study in their classes.
⑤	i	Students will be able to increase their knowledge about the content they study.
⑥	i	Students will be able to understand each grammatical point.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	60	40	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	40	20	0	0	0	0	60
	Ability to think, reason and create	0	20	10	0	0	0	0	30
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	10	0	0	0	0	10
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	Each quiz will be given after a block of classes. There are 4 quizzes throughout a semester (60%) Total (100pts) = Physics (25pts) + Chemistry (25pts) + Engineering (25pts) + Math (25pts) The results will be returned in class in the following week.
	②	✓	
	③	✓	
	④		
	⑤		
	⑥	✓	
Reports	①		You must submit handouts to review and evaluate your understanding and progress. Please submit your reports (handouts, homework, and class assignments) in class right before the quiz. (The graded handouts will be returned in class after a quiz.
	②		
	③		
	④	✓	
	⑤	✓	
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Engineering Airplane	Lecture Interactive activity Project based	Read the syllabus Study vocabulary	20
2 /	Engineering Airplane ①	Lecture Interactive activity Project based	Finish the review sheet	30
3 /	Module 1: Exploring Chemistry Common Instructions Identify: Describe, define, list, label. Match, write short notes, discuss, complete, submit, email, upload. ①	Lecture Interactive activity	Review the content Complete the assignment	30
4 /	Common Instructions in STEM ①	Lecture Interactive activity	Review the content Complete the assignment	30
5 /	Common Instructions in STEM ②	Lecture Interactive activity	Review the content Complete the assignment	30
6 /	Common Instructions in STEM ②	Lecture Interactive activity	Review the content Complete the assignment	30
7 /	Module 2: Thinking Like a Scientist Skimming, scanning, and annotating ①	Lecture Interactive activity	Review the content Complete the assignment	30
8 /	Skimming, scanning, and annotating ①	Lecture Interactive activity	Review the content Complete the assignment	30
9 /	**Catch-up / Quiz** 1	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
10 /	Skimming, scanning, and annotating ②	Lecture Interactive activity	Review the content Complete the assignment	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Skimming, scanning, and annotating ②	Lecture Interactive activity	Review the content Complete the assignment	30
12 /	Module 3: Properties of Matter Defining, classifying, describing pp. 34-35 ①	Lecture Interactive activity	Review the content Complete the assignment	30
13 /	Defining, classifying, describing pp. 34-35 ①	Lecture Interactive activity	Review the content Complete the assignment	30
14 /	Vocabulary building, summarizing pp. 34-35 ②	Lecture Interactive activity	Review the content Complete the assignment	30
15 /	Vocabulary building, summarizing pp. 34-35 ②	Lecture Interactive activity	Review the content Complete the assignment	30
16 /	**Catch-up / Quiz 2**	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
17 /	Module 4: Matter and Change: Reading and Comprehension pp. 38-39 ①	Lecture Interactive activity	Review the content Complete the assignment	30
18 /	Reading and Comprehension pp. 38-39 ①	Lecture Interactive activity	Review the content Complete the assignment	30
19 /	Defining and Making Comparison pp: 39-40 ②	Lecture Interactive activity	Review the content Complete the assignment	30
20 /	Defining and Making Comparison pp: 39-40 ②	Lecture Interactive activity	Review the content Complete the assignment	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Matter and Change ③ Reading Comprehension pp. 41-42 Annotating & summarizing	Lecture Interactive activity	Review the content Complete the assignment	30
22 /	Matter and Change ③ Reading pp. 41-42 Annotating & summarizing Using adjectives (comparison)	Lecture Interactive activity	Review the content Complete the assignment	30
23 /	**Catch-up / Quiz 3** ③	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30
24 /	<u>Module 5:</u> Describing Process and Results ① Reading pp. 40 Short report, steps in a process	Lecture Interactive activity	Review the content Complete the assignment	30
25 /	Reading pp. 40 ① Short report, steps in a process	Lecture Interactive activity	Review the content Complete the assignment	30
26 /	Reading pp. 52 ② Summarizing a process	Lecture Interactive activity	Review the content Complete the assignment	30
27 /	Reading pp. 52 ② Summarizing a process	Lecture Interactive activity	Review the content Complete the assignment	30
28 /	Reading pp. 52 ③ Summarizing a process & Documenting APA	Lecture Interactive activity	Review the content Complete the assignment	30
29 /	Reading pp. 52 ③ Summarizing a process & Documenting APA	Lecture Interactive activity	Review the content Complete the assignment	30
30 /	**Catch-up / Quiz 4**	Review and evaluate your progress and understanding	Study for a quiz / review the contents	30

令和７年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	日本文学	1	621100	前学期	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	黒田　譜美	白山麓C： 101.201		水曜　15:00-16:00

授 業 科 目 の 学 習 教 育 目 標

キーワード		学習教育目標
1	日本文学	小説、随筆、評論、詩、俳句、和歌、漢詩など多種多様な文学作品を読むことを通して、日本の言語文化の特質や外国の文化との関係について理解を深める。作品が成立した歴史的・文化的背景を調べたり、作中の抽象表現や描写に留意したりしながら、作者の考えや登場人物の心情を丁寧に読み進め、作品の語りかけるものを的確に把握する読解力・鑑賞力を鍛える。また、情景の豊かさや心情の機微を表す語句の量を増し、文章の中で使うことを通して、語感を磨き語彙を豊かにする。
2	読解力	
3	思考力	
4	表現力	
5		

授業の概要および学習上の助言

授業の概要

本授業では主に下記作品を扱う。

『古事記』、『源氏物語』、『論語』、『荘子』、山崎正和『水の東西』、谷崎潤一郎『陰翳礼讃』、夏目漱石『夢十夜』、フランツ・カフカ『掟の門』、筒井康隆『駝鳥』

学習上の助言：

・ノートは板書したものだけではなく、口頭での説明も書くようにすること。
・課題は必ず実行すること。
・辞書は必ず用意すること。また、辞書を常に引くように心がけ、知らない言葉を確認し、着実に身につけること。
・対象作品は徹底的に読み込むこと。
・さまざまなジャンルの書物を読むよう心がけること。

【教科書および参考書・リザーブドブック】

教科書：中島国彦監修『文学のとびらを開く　近現代文学名作選』明治書院(ISBN：978-4-625-28350-5)

参考書：指定なし

ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：指定なし

履修に必要な予備知識や技能

日本語検定4級（中学校卒業）程度の日本語能力を身につけている。

№	教育目標(DP) （記号表記）	学生が達成すべき行動目標
①	f	語句の意味を正しく理解し、正確に読むことができる。
②	f	作品の構成や展開の仕方を的確に捉え、説明することができる。
③	f	人物の心理の推移について、作品の展開に即して読み取ることができる。
④	e,f	作品が成立した背景や他の作品との関係を踏まえ、作品の解釈を深めることができる。
⑤	e,f	主張や感動などが効果的に伝わるように、構成や表現を工夫して書くことができる。
⑥	f.i	読書の意義と効用について理解を深め、読書経験を重ねることができる。

達 成 度 評 価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		0	20	40	20	0	20	0	100
総合力指標	知識を取り込む力	0	20	0	0	0	10	0	30
	思考・推論・創造する力	0	0	20	0	0	0	0	20
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	0	0	20	10	0	0	0	30
	学習に取組む姿勢・意欲	0	0	0	10	0	10	0	20

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評価方法	行動目標		評価の実施方法と注意点
試験	①		
	②		
	③		
	④		
	⑤		
	⑥		
クイズ 小テスト	①	レ	小テスト：20点
	②	レ	
	③	レ	
	④	レ	
	⑤		
	⑥		
レポート	①		レポート：40点 ①私がすきなことば ②日本文化論 ③創作
	②		
	③		
	④	レ	
	⑤	レ	
	⑥	レ	
成果発表 （口頭・実技）	①	レ	成果発表：20点
	②	レ	
	③	レ	
	④	レ	
	⑤	レ	
	⑥	レ	
作品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①	レ	授業記録：20点 ①『源氏物語』 ②『論語』
	②	レ	
	③	レ	
	④		
	⑤		
	⑥	レ	
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
■小テスト 読解に必要な漢字・語句の知識がある。 自ら文献を調べ、作品に関する知識を得ることができる。 正確に読解し、問いに対して的確に解答できる。 論拠を示して、独自の解釈を述べることができる。 ■レポート・成果発表 自分にひきつけて考え、独自の視点が入っている。 明快な文章構成、効果的な文章表現ができる。 多様な作品を読み、ものの見方や考え方を豊かにすることができる。	■小テスト 読解に必要な漢字・語句の知識がある。 教材を読み、作品に関する知識がある。 正確に読解し、問いに対して解答できる。 講義をふまえ、自分の解釈を述べることができる。 ■レポート・成果発表 講義や意見交換をもとに、自分の考えをまとめることができる。 文章構成や文章表現を工夫できる。 作品を読み、ものの見方や考え方を広げることができる。

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1 ／	■科目ガイダンス ・科目の目的、内容、評価方法について理解する。 ・過去に鑑賞した作品について話し合う。	講義と質疑 プリント配布	配布プリントやノートを再読し、理解を深める。（復習）	30
2 ／	古典：『古事記』/『源氏物語』 ・作品概要を把握する。 ・古典と創作の関係を考え、話し合う。	授業記録①提出 講義と質疑 プリント配布	授業で指定された部分を読解し、語句を整理する。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30
3 ／	古典：『論語』/『荘子』 ・書き下し文を読み、口語訳する。 ・思想の違いを理解する。	授業記録②提出 講義と質疑 プリント配布	授業で指定された部分を読解し、語句を整理する。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30
4 ／	紹介文（私のすきなことば） ・文章の基本構成、文体を理解する。 ・構成ノートを作成し、文章を書く。	レポート①提出 講義と質疑 プリント配布 グループワーク	授業で指定された部分を読解し、語句を整理する。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30
5 ／	随筆：山崎正和「水の東西」 ・対比的な構成をとりながら論をすすめる展開の仕方を理解する。 ・筆者の日本的感性を理解し、自分の日本的なものの見方とどう違っていたかを話し合う。	講義と質疑 プリント配布 グループワーク	授業で指定された部分を読解し、語句を整理する。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30
6 ／	随筆：谷崎潤一郎「陰翳礼讃」 ・表現技法の特徴を把握する。 ・現代社会において「闇」を活用している例を挙げ、どのような効果があるか考え、話し合う。	小テスト 講義と質疑 プリント配布 グループワーク	小テストの学習をする。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30
7 ／	【演習】 ・レポートに取り組む。	プリント配布 グループワーク	テーマを考える。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30
8 ／	【発表】 ・作品を発表し、相互評価する。	レポート②提出 講義と質疑 プリント配布 小テスト返却	発表の準備をする。（予習） 相互評価を見直し、自己点検を行う（復習）	30
9 ／	小説：夏目漱石「夢十夜」 ・作者について経歴や作風について理解する。 ・作品を読んだ感想を話し合う。	講義と質疑 プリント配布 グループワーク	授業で指定された部分を読解し、語句を整理する。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30
10 ／	小説：カフカ「掟の門」 / 筒井康隆「駝鳥」 ・作品の寓意について話し合う。	講義と質疑 プリント配布 グループワーク	授業で指定された部分を読解し、語句を整理する。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
11 ／	絵から物語を作る ・発端、展開、クライマックス、結末の展開を意識して、4枚の絵から短い物語を作る。	レポート③提出 講義と質疑 プリント配布 グループワーク	授業で指定された部分を読解し、語句を整理する。（予習） 配布プリントやノートを再読し、理解を深める。（復習）	30
12 ／	物語のテーマと設計図 ・物語のテーマを決める。 ・ストーリーマップとキャラクターマップを利用して物語の設計図を作る。	講義と質疑 プリント配布 グループワーク	物語のテーマを決める。（予習） ノート・教科書を見直す。（復習）	30
13 ／	物語の創作 ・設計図に沿って物語を書く。	レポート③提出 講義と質疑 プリント配布 グループワーク	マップを読み直す。（予習） 作品を仕上げる。（復習）	30
14 ／	プレゼンテーション ・発表資料の作成に取り組む。	プリント配布 グループワーク	発表資料の準備をする（予習） プレゼンテーション資料を仕上げる。（復習）	30
15 ／	プレゼンテーション ・発表を行い、相互評価する。	成果発表 プリント配布 アンケート実施	発表の準備をする。（予習） 相互評価を見直し、自己点検を行う。（復習）	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Literature	1	621200	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TAYLOR, James	Hakusanroku C: 101.201		Tuesday 16:30-17:30

Course Objectives

	Keywords (10.5pt)	Learning Objectives (10.5pt)
1	Literature	Students will be able to familiarise themselves with English literature of various genres. Students will engage critically with the literature by reading, listening, watching, and discussing. Students will discuss and analyse the literature orally and in writing, and consider its place in contemporary and modern society.
2	Discussion	
3	Analysis	
4	Writing	
5		

Course Description and Expectations for Students (10.5pt)

This course will offer group discussion and group work as types of active learning. Students will consider the features of 4 genres of literature in English: wordless picturebooks; short fiction; poetry; and protest songs. Through a mixture of teacher-led and self-directed activities involving reading, listening, discussing, drawing, and watching, students will gain the skills necessary to engage critically with each piece of literature. Students will prepare for and participate in class discussions, and will produce written work in response to the literature. Students will be able to analyse the technical aspects of the literature in addition to placing it in its contemporary context and connecting it to modern society.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate in written and spoken English.
Ability to read and understand an English text.
Ability to listen to and understand spoken English.
Work ethic to complete and submit tasks on time.
Initiative to ask for help when necessary.

No.	Program Objectives	Target Abilities for Students (9pt)
①	e, f, g, i	Students will be able to identify and explain the features and technical aspects of various genres of literature.
②	e, f, g, i	Students will be able to analyse, discuss, and respond to literature of various genres orally.
③	e, f, g, i	Students will be able to analyse, discuss, and respond to literature of various genres in writing.
④	e, f, g, i	Students will be able to consider the contemporary society of the literature they study.
⑤	e, f, g, i	Students will be able to connect the literature they study to modern society.
⑥	e, f, g, i	Students will be able to introduce and discuss literature of their own choosing.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	50	50	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	13	13	0	0	0	26
	Ability to think, reason and create	0	0	12	12	0	0	0	24
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	13	13	0	0	0	26
	Attitude and motivation for learning	0	0	12	12	0	0	0	24

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①	✓	Students will produce 5 pieces of written work (1 per unit) in response to the literature studied. The tasks will be graded according to the following criteria: Task Achievement, Lexical Resource (Vocabulary), Grammatical Range and Accuracy, Coherence and Cohesion. Tasks will be submitted online. Feedback will be given online before the following lesson.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①	✓	Students will produce 5 pieces of oral work (1 per unit) in response to the literature studied. The tasks will be graded according to the following criteria: Task Achievement, Lexical Resource (Vocabulary), Grammatical Range and Accuracy, Coherence and Cohesion, Pronunciation. Tasks will be done in class or submitted online. Feedback will be given in person or online before the following lesson.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will engage critically with the literature on a deep level to analyse the literature and its connections to contemporary and modern society in detail. Students will participate actively in class discussions by asking and answering questions. Students will submit detailed written tasks on time.	Students will engage with the literature on a superficial level to analyse the literature and its connections to contemporary and modern society in some detail. Students will participate in class discussions to some extent. Students will submit written tasks on time.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction: students will read the syllabus. Students will discuss literature in general terms. Unit 1: Wordless Picturebooks (1) Students will be introduced to wordless picturebooks as a genre.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations)	30
2 /	Unit 1: Wordless Picturebooks (2) Students will read, analyse, and discuss wordless picturebooks.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations) and written task (Reports)	30
3 /	Unit 1: Wordless Picturebooks (3) Students will consider the contemporary society of the wordless picturebooks and their implications for modern society.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations) and written task (Reports)	30
4 /	Unit 1: Wordless Picturebooks (4) Students will express their reactions to the wordless picturebooks orally and in writing.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Complete and submit oral task (Presentations) and written task (Reports)	30
5 /	Unit 2: Short Fiction (1) Students will be introduced to short fiction as a genre.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations)	30
6 /	Unit 2: Short Fiction (2) Students will read, analyse, and discuss a piece of short fiction.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations) and written task (Reports)	30
7 /	Unit 2: Short Fiction (3) Students will consider the contemporary society of the short fiction and its implications for modern society.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations) and written task (Reports)	30
8 /	Unit 2: Short Fiction (4) Students will express their reactions to the short fiction orally and in writing.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Complete and submit oral task (Presentations) and written task (Reports)	30
9 /	Unit 3: Poetry (1) Students will be introduced to poetry as a genre and technical terms for analysing poems.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations)	30
10 /	Unit 3: Poetry (2) Students will read, analyse, and discuss poetry.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations) and written task (Reports)	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Unit 3: Poetry (3) Students will consider the contemporary society of the poetry and its implications for modern society.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Prepare for oral task (Presentations) and written task (Reports)	30
12 /	Unit 3: Poetry (4) Students will express their reactions to poetry orally and in writing.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing	Complete and submit oral task (Presentations) and written task (Reports)	30
13 /	Unit 5: Protest Songs (1) Students will be introduced to protest songs as a genre.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing, research	Prepare for oral task (Presentations) and written task (Reports)	30
14 /	Unit 5: Protest Songs (2) Students will read, listen to, analyse, and discuss protest songs. Students will consider the contemporary society of selected protest songs and their implications for modern society.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing, research	Prepare for oral task (Presentations) and written task (Reports)	30
15 /	Unit 5: Protest Songs (3) Students will express their reactions to poetry orally and in writing. Review: students will reflect on the course.	Worksheets, videos, discussion, writing, individual work, pair work, group work, peer review, reading, drawing, research	Complete and submit oral task (Presentations) and written task (Reports)	30

令和7年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	日本語基礎B Fundamental Japanese B	2	621300	後学期 2nd semester	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	筒井　昌子 TSUTSUI, Masako	白山麓C 101,201		

授 業 科 目 の 学 習 教 育 目 標

	キーワード	学習教育目標
1	日本語	この科目では、先学期開講した「日本語基礎A」「日本語ＩA」から継続して、日常の日本語でのコミュニケーション能力に関して、四技能を総合的に向上させることをめざす。 In this course, continuing from "Fundamental Japanese A" and "Japanese I A" offered in the previous semester, we aim to comprehensively improve the four skills of daily communication in Japanese.
2	コミュニケーションスキル	
3	日本文化・社会	
4		
5		

授業の概要および学習上の助言

【授業の概要】

先学期に引き続き「日本語基礎B」で会話能力を「日本語ＩB」で読み書きの能力の向上を目指す。
語彙クイズや漢字クイズについては「日本語ＩB」の学習活動として実施し、評価もそちらで行う。
Continuing from last semester, students mastered conversational skills in "Basic Japanese B" and reading and writing skills in "Japanese IB".
Vocabulary quizzes and Kanji quizzes will be conducted as a learning activity in "Japanese IB" and will be evaluated there as well.

【学習上の助言】

・学習目標を常に意識すること。
・わからない言葉は辞書で調べること。
- Always be aware of your learning goals.
- Look up unfamiliar words in a dictionary.

※この授業ではアクティブラーニングの一環として、調査学習、体験学習、グループワークなどを行う。
* This class will include research, experiential learning, and group work as part of active learning.

【教科書および参考書・リザーブドブック】

教科書：『いろどり　生活の日本語』国際交流基金（オンラインテキスト）
参考書：なし
ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：なし

履修に必要な予備知識や技能

特になし

No.	教育目標(DP) （記号表記）	学生が達成すべき行動目標
①	e,i	ひらがな、カタカナが正しく書ける。 Student will be able to write hiragana and katakana correctly.
②	e,i	テキストで学んだ文型や語彙が用いられた日本語表現を聞いて、意味を理解できる。 Can listen to and understand the meaning of Japanese expressions in which sentence patterns and vocabulary learned in the text are used.
③	a,e,i	テキストで学んだ文型や語彙を用いて話して、大まかに自分の意志を伝えることができる。 Can speak using sentence patterns and vocabulary learned in the text and communicate his/her intentions in broad strokes.
④	e,i	挨拶表現など、日本での習慣的な基本ルールを理解し行動で表現できる。 Understand the basic rules of Japanese customs, such as greetings and expressions, and express them through actions.
⑤	e,f,g	学習した場面と類似の状況下で、学習した言葉や文型を応用して談話展開が想像できる。 Student will be able to create discourse in a situation similar to the one studied.
⑥	e.f.g	突然の談話展開に臆せず、学習した状況に近いタスクをこなすことができる。 Student will be able to perform tasks in situations similar to those studied without being intimidated by sudden discourse developments.

達 成 度 評 価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		0	80	0	20	0	0	0	100
総合力指標	知識を取り込む力	0	40	0	0	0	0	0	40
	思考・推論・創造する力	0	0	0	5	0	0	0	5
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	0	40	0	15	0	0	0	55
	学習に取組む姿勢・意欲	0	0	0	0	0	0	0	0

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評 価 方 法	行動目標		評 価 の 実 施 方 法 と 注 意 点
試 験	①		
	②		
	③		
	④		
	⑤		
	⑥		
クイズ 小テスト	①	✓	**クイズ・テスト** Quizzes/Test ・談話作成テスト　評価割合　80% - Letters (include Kanji), vocabulary　(80/100) ※1課または数課ごとにクイズを行う。回数や実施日は学習進度によって変わるため学生と相談の上決定する。 * Quizzes will be given every 1chapter or few chapters. The number of quizzes and dates will depend on the progress of the students and will be decided in consultation with the students.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥		
レポート	①		
	②		
	③		
	④		
	⑤		
	⑥		
成果発表 （口頭・実技）	①		**口頭会話チェック Oral conversation** ・ロールプレイ　評価割合　20% - oral conversation test　(20/100) ※評価内容は事前にルーブリックを提示する。 *A rubric will be presented in advance of the evaluation content.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
作 品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①		
	②		
	③		
	④		
	⑤		
	⑥		
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
・母語の影響は若干あるものの、ネイティブスピーカーが聞いて意味がわかる程度に、日本語の発音やアクセントを駆使できる。 ・助詞を正しく使って、学習した文型で文を産出できる。 ・自分が言いたいことを、学習した文型や語彙を用いていくつかの単文で表現できる。 -Able to use Japanese pronunciation and accent to the extent that native speakers can understand the meaning, although there is some influence from their native language. -Can produce sentences using the learned sentence patterns with correct use of particles. -Can express what he/she wants to say in several single sentences using the learned sentence patterns and vocabulary.	・ネイティブスピーカーがある程度意味を推測する必要はあるが、意思疎通ができる程度に日本語の発音やアクセントを使い分けることができる。 ・時折、助詞の間違いなどはあるが、意味が通じる程度の正確さで学習した文型を産出できる。 ・自分が言いたいことを、ネイティブスピーカーに文型や語彙を助けてもらいながらいくつかの単文で表現できる。 -The ability to use Japanese pronunciation and accent to the extent that native speakers can communicate with each other, although they need to guess the meaning to some extent. -Can produce learned sentence patterns with enough accuracy to communicate meaning, although there are occasional errors with particles. -Can express what he/she wants to say in a few single sentences with the help of native speakers in terms of sentence structure and vocabulary.

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1	Class Orientation Introduction of Japanese letter	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
2	Numbers Classroom Expressions Greetings Pronunciation	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
3	More Numbers Introducing yourself Pronunciation of Special Sound.	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
4 ／	Lesson 1 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
5 ／	Lesson 1 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
6 ／	Lesson 2 Grammar Can-do 3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
7 ／	Lesson 2 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
8 ／	Lesson 3 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
9 ／	Lesson 3 Grammar Can-do 3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
10 ／	Review	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
11 ／	Lesson 4 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
12 ／	Lesson 5 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
13 ／	Lesson 6 Grammar Can-do 3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30

授業明細表

ＣＬＩＰ学習プロセスについて

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※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
14 ／	Lesson 7 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
15 ／	Lesson 8 Grammar Can-do 2,3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
16 ／	Lesson 9 Grammar Can-do 4 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents テストの準備　Prepare for Test	30
17 ／	**会話テスト #1 Conversation Test** Review	講義・演習 Lecture・Practice テスト実施・採点・返却 Test, Grading & Return	授業内容の復習 Review the course contents	15
18 ／	Lesson 10 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
19 ／	Lesson 11 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
20 ／	Lesson 12 Grammar Can-do 3,4 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
21 ／	Lesson 13 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
22 ／	Lesson 14 Grammar Can-do 1,2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
23 ／	Lesson 15 Grammar Can-do 2,3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
24 ／	Lesson 16 Grammar Can-do 4,5 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents テストの準備　Prepare for Test	30
25 ／	**会話テスト #2 Conversation Test** Review	講義・演習 Lecture・Practice テスト実施・採点・返却 Test, Grading & Return	授業内容の復習 Review the course contents	30
26 ／	Lesson17 Grammar Can-do 1 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
27 ／	Lesson 18 Grammar Can-do 2 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30

授業明細表

ＣＬＩＰ学習プロセスについて

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※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
28 ／	Lesson 7 Grammar Can-do 3 Sp./L Practice	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents テストの準備　Prepare for Test	30
29 ／	**会話テスト #3 Conversation Test**	講義・演習 Lecture・Practice テスト実施・採点・返却 Test, Grading & Return	授業内容の復習 Review the course contents	30
30 ／	Review & Self Evaluation	講義・演習 Lecture・Practice		なし

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	Bridge English B (Learning English through STEM Topics)	1	621400	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	UTSUNOMIYA, Takako	Hakusanroku C: 101. 201		By appointment

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	STEM	This course emphasizes fundamental English language and academic English skill building to support all the STEM courses conducted in English in the 1st and 2nd year. The main purpose of it is for students to be able to succeed in the content courses as they learn how to address and approach the challenges such as scientific terminology, expressions, grammar, and writing & presenting concepts in English.
2	Engineering	
3	Study Skills	
4		
5		

Course Description and Expectations for Students (10.5pt)

This course will offer opportunities to do group work and summarize information through writing and speaking in class as a type of active learning. The main purpose is to provide academic support in STEM classes. As all the STEM courses are taught in English, this course is designed to support your study. The fundamentals gained in this course allow you to build confidence, motivation, and academic skills. Additionally, we advise you to use these skills outside of the classroom. This course is divided into 2 sections: Academic Study Preparation (Critical Thinking & Presenting) and Learning English through STEM Topics.

Lecture, exercise, pair-work, presentation, quizzes.
You must keep and submit all your handouts and assignments in a folder.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Students have completed Bridge English A: have the ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinions, and plans.
Can also ask questions, read simple instructions, and take directions.

No.	Program Objectives	Target Abilities for Students (9pt)
①	h	Students will be able to improve their vocabulary in order to succeed in their STEM classes.
②	h	Students will be able to use scientific language and expressions needed in their STEM classes.
③	h, d	Students will be able to develop problem-solving skills in order to take responsibility for their own learning.
④	i	Students will be able to develop a broader mindset from the content they study in their classes.
⑤	i	Students will be able to increase their knowledge about the content they study.
⑥	i	Students will be able to understand each grammatical point.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	60	25	15	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	30	10	5	0	0	0	45
	Ability to think, reason and create	0	30	5	5	0	0	0	40
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	10	5	0	0	0	15
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	Quizzes will be given regularly throughout the semester. You will have a total of 6 quizzes. The results will be returned in class the following week. You must schedule a makeup quiz with the teacher if your quiz score is below 60%. Your makeup score may enable you to reach the required passing score of up to 60%.
	②	✓	
	③	✓	
	④		
	⑤		
	⑥	✓	
Reports	①		Reports are (25%). Please submit handouts, completed homework, class assignments, and other materials that you used to review and evaluate your understanding and progress. The graded reports will be returned at the next class meeting day.
	②		
	③		
	④	✓	
	⑤	✓	
	⑥		
Presentations	①		Presentations (15%). You will have a few opportunities to convey your thoughts to others orally in English. It will be a reflective conversation with a teacher or a classmate. You will explain your learning progress in a lesson. You can see the notes while speaking, when necessary. Feedback will be given during the next class session.
	②	✓	
	③	✓	
	④		
	⑤	✓	
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply any and all literacy skills to understand academic and non-academic texts in and out of class. Students can compose and organize ideas logically.	Students can use experience, examples, and reading and critical thinking skills to understand materials and encounters in and out of class.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction & Orientation Order of Events	Lecture Individual & group activity	Review: - Read the syllabus - Complete the assignment	20
2 /	Sequences and Cycles I Reflective conversation/writing	Lecture Individual & group activity	Preview: - Study vocabulary Review: - Complete the assignment - Study for a quiz	30
3 /	Sequences and Cycles II Quiz 1	Quiz Lecture Individual & group activity	Preview: - Study vocabulary Review: - Complete the assignment	30
4 /	Ability and Capacity I Reflective conversation/writing	Lecture Individual & group activity	Preview: - Study vocabulary Review: - Complete the assignment - Study for a quiz	30
5 /	Ability and Capacity II Quiz 2	Quiz Lecture Individual & group activity	Preview: - Study vocabulary Review: - Complete the assignment	30
6 /	Visualizing and Explaining Data 1 Reflective conversation/writing	Lecture Individual & group activity IELTS writing	Preview: - Study vocabulary Review: - Complete the assignment - Study for a quiz	30
7 /	Visualizing and Explaining Data 2 Quiz 3	Quiz Lecture Individual & group activity IELTS writing	Preview: - Study vocabulary Review: - Complete the assignment	30
8 /	Visualizing and Explaining Data 3 Reflective conversation/writing	Lecture Individual & group activity IELTS writing	Preview: - Study vocabulary Review: - Complete the assignment - Study for a quiz	30
9 /	Visualizing and Explaining Data 4 Quiz 4	Quiz Lecture Individual & group activity IELTS writing	Preview: - Study vocabulary Review: - Complete the assignment	30
10 /	Visualizing and Explaining Data 5 Reflective conversation/writing	Lecture Individual & group activity IELTS writing	Preview: - Study vocabulary Review: - Complete the assignment - Study for a quiz	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Visualizing and Explaining Data 6 Quiz 5	Quiz Lecture Individual & group activity	Preview: - Study vocabulary Review: - Complete the assignment	30
12 /	Describing Situations and Objects I Reflective conversation/writing	Lecture Individual & group activity	Preview: - Study vocabulary Review: - Complete the assignment - Study for a quiz	30
13 /	Describing Situations and Objects II Quiz 6	Quiz Lecture Individual & group activity	Preview: - Study vocabulary Review: - Complete the assignment	30
14 /	Describing Situations and Objects III Reflective conversation/writing	Lecture Individual & group activity	Preview: - Study vocabulary Review: - Complete the assignment	30
15 /	Wrap-up and Self-Peer Evaluation	Lecture Individual & group activity	Preview: - Reflect on your learning	20

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	Bridge English B (Academic Study Preparation)	1	621400	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	BAIRD, Pauline	Hakusanroku C: 101. 201		M-W 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Notetaking and Study skills	This course emphasizes fundamental English language and academic English skill building to support all the STEM courses conducted in English in the 1st and 2nd year. The main purpose of it is for students to be able to succeed in the content courses as they learn how to address and approach the challenges such as scientific terminology, expressions, grammar, and writing & presenting concepts in English.
2	Process	
3	Environment	
4	Economic Development	
5	STEM	

Course Description and Expectations for Students (10.5pt)

The course offers discovery, investigation, and experiential learning as types of active learning. The main purpose is to provide academic support in STEM classes. As all the STEM courses are taught in English, this course is designed to support your study. The fundamentals gained in this course allow you to build confidence, motivation, and academic skills. Additionally, we advise you to use these skills outside of the classroom. This course is divided into 2 sections: Academic Study Preparation (Critical Thinking & Presenting) and Learning English through STEM Topics.

Lecture, exercise, pair-work, presentation, quizzes.
You must keep and submit all your handouts and assignments in a folder.

Required Materials (textbooks, reference books, reserved books) (10.5pt)
Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Students have completed Bridge English 1: have the ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinions, and plans. Can also ask questions, read simple instructions, and take directions.

No.	Program Objectives	Target Abilities for Students (9pt)
①	h	Students will be able to improve their vocabulary in order to succeed in their STEM classes.
②	h	Students will be able to use scientific language and expressions needed in their STEM classes.
③	h, d	Students will be able to develop problem-solving skills in order to take responsibility for their own learning.
④	i	Students will be able to develop a broader mindset from the content they study in their classes.
⑤	i	Students will be able to increase their knowledge about the content they study.
⑥	i	Students will be able to understand each grammatical point.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	60	25	15	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	30	10	5	0	0	0	45
	Ability to think, reason and create	0	30	5	5	0	0	0	40
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	10	5	0	0	0	15
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	Quizzes (60%) will be given regularly throughout the semester. You will have a total of 4 quizzes. The results will be returned in class the following week. You must schedule a makeup quiz with the teacher if your quiz score is below 60%. Your makeup score may enable you to reach the required passing score of up to 60%.
	②	✓	
	③	✓	
	④		
	⑤		
	⑥	✓	
Reports	①		Reports are (25%). Please submit handouts, completed homework, class assignments, and other materials that you used to review and evaluate your understanding and progress. The graded reports will be returned at the next class meeting day.
	②		
	③		
	④	✓	
	⑤	✓	
	⑥		
Presentations	①		Presentations (15%). With the teacher's help, you will prepare and use language for presentations.
	②	✓	
	③		
	④		
	⑤	✓	
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply any and all literacy skills to understand academic and non-academic texts in and out of class. Students can compose and organize ideas logically.	Students can use experience, examples, and reading and critical thinking skills to understand materials and encounters in and out of class.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Orientation Learning Styles	Lecture Interactive activity	Read the syllabus Study vocabulary	20
2 /	**Lecture and Note-taking** Analyzing and organizing information from academic texts and lectures • Graphic Organizer • mapping, listing, outlining	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
3 /	Organization of ideas in lectures • Graphic Organizer • Keywords, Main idea, Summary	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
4 /	**Quiz 1:** Prepare notes for presentation (10 pts) & Explain the topic using notes from the lecture (10 pts).	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
5 /	**STEM in Daily Life** Students will explore the concepts of balance in chemistry. • Create a description of Stoichiometry in Daily Life.	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
6 /	Research and document stoichiometry in Daily Life • Quoting • Summarizing • Writing References (APA) Summarizing	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
7 /	Research and document stoichiometry in Daily Life • Quoting • Summarizing • Writing References (APA) Summarizing	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
8 /	**Quiz 2:** Present findings in a paragraph on Stoichiometry in Daily Life (written) Make an oral presentation.	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
9 /	**Describing a Process** • Students will consider different types of processes. • Recommend one to the class giving a reason. • Introduce the process as a main idea.	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
10 /	Study and apply language to describe a process (transitions, main idea, steps, and conclusion) Plan and outline a process	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	**Quiz 3:** Plan and outline a process • Prepare presentation video.	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
12 /	Independent Study: Research and Waste Management: Tentative Topics in STEM • Fresh Kills Landfill • Payatas Dump • Great Pacific Garbage Dump • Waste management (1950-1960s Tokyo)	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
13 /	Research and prepare, and write a report on the topic. Present a written (notes) to include: • Problem • Solution and Rationale / Contribution • Summary of information • Statement on the value of this initiative the waste management	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
14 /	**Quiz 4:** Resources and waste management. Present an oral report on their waste management study.	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Review the content Complete the assignment	30
15 /	Review what they learned and complete course evaluation.	Lecture, pair and group work, individual activities, worksheets, online tasks, discussion, presentations, written reports	Prepare Presentation	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	Advanced English	1	621500	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	STEVENSON, Ian	Hakusanroku C.: 101.201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Discussion	Students will be able to improve their English oral and written communication skills through discussion and written responses on various topics. They will be able to enhance their critical thinking skills and practice putting their ideas into logical order in discussions, writing, and presentations.
2	Presentation	
3	Writing	
4	Communication	
5	Critical Thinking	

Course Description and Expectations for Students (10.5pt)

This course will offer discussion and experiential learning, group work, discussion and debate as types of active learning.
Students will actively participate in topic-based discussions in English based on information presented in class. Then, written reflections will be expected in response to the topics and discussions.
Students will learn specific ways to improve their critical thinking and communication skills.
Presentations will also be a key part of the course, so students will be required to do research and use presentation software to complete the assignment.

Students should be prepared with the necessary materials for the class, including computers, handouts, and writing tools.
Students should also be prepared to take an active role in class.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to discuss topics in English fluently
Basic computer skills, especially a basic understanding of presentation software
Willingness to express opinions through discussion and writing

No.	Program Objectives	Target Abilities for Students (9pt)
①	a, g	Students will be able to make a presentation on a topic of their choice.
②	b	Students will be able to discuss and write responses to various social issues.
③	c, d	Students will be able to learn how to communicate their ideas clearly.
④	e, h	Students will be able to gain knowledge on a wide variety of subjects.
⑤	f	Students will be able to express opinions in English.
⑥	i	Students will be able to practice critical thinking skills.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	20	20	30	0	30	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	5	5	5	0	10	0	25
	Ability to think, reason and create	0	5	5	10	0	5	0	25
	Collaboration and leadership	0	0	5	5	0	5	0	15
	Announcement / Expression / Communication	0	5	5	5	0	5	0	20
	Attitude and motivation for learning	0	5	0	5	0	5	0	15

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	∠	Two in-class quizzes (20%): Week 8, speaking test (10%) Week 14, written quiz (10%)
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Reports	①	∠	In-class handouts based on the topics (20%)
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Presentations	①	∠	Topic-based presentation (30%) Includes outline, presentation slides, script, in-class presentation, and self-evaluation
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		10 short written responses or reflection paragraphs based on the in-class topics (30%)
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Discuss 100% in English using critical thinking. Professional-level presentation.	Discuss mostly in English. Clear and logical presentation.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Students are introduced to the syllabus and the general contents of the course. Students will participate in communication activities and write a short reflection paper.	lecture discussion cooperative learning writing	Review: review course information and plan for the year ahead.	30
2 /	Topic 1 A Students are introduced to the topic, prepare their ideas, engage in a discussion, and write a response.	lecture discussion cooperative learning writing	Review: complete the classwork, including written responses.	30
3 /	Topic 2 A Students are introduced to the topic, prepare their ideas, engage in a discussion, and write a response.	lecture discussion cooperative learning writing	Review: complete the classwork, including written responses.	30
4 /	Topic 3 A Students are introduced to the topic, prepare their ideas, engage in a discussion, and write a response.	lecture discussion cooperative learning writing	Review: complete the classwork, including written responses.	30
5 /	Topic 1 B Students will revisit, review and explore the topic in depth and then prepare their ideas, engage in a discussion, and write a response.	lecture discussion cooperative learning writing	Review: complete the classwork, including written responses.	30
6 /	Topic 2 B Students will revisit, review and explore the topic in depth and then prepare their ideas, engage in a discussion, and write a response.	lecture discussion cooperative learning writing	Review: complete the classwork, including written responses.	30
7 /	Topic 3 B Students will revisit, review and explore the topic in depth and then prepare their ideas, engage in a discussion, and write a response.	lecture discussion cooperative learning writing	Review: complete the classwork, including written responses.	30
8 /	Speaking Test Students are evaluated through a speaking test. Preparing a Presentation: Topic and Research Students learn about presentations, and then choose a topic and begin doing research.	quiz lecture project	Preview: study for quiz Review: work on research	30
9 /	Preparing a Presentation: Research and Outline Students will complete their research and then write a presentation outline. *Speaking Test results are returned.*	project	Review: complete research and outline	30
10 /	Preparing a Presentation: Presentation Software Students use their research and outline to prepare a slideshow presentation which includes a script in the notes.	project	Review: complete presentation	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Student Presentations Students watch, participate in, and evaluate their peers' presentations. Remaining time is used for open discussion and written responses.	presentations discussion cooperative learning writing	Preview: practice presentation Review: complete written and oral responses.	30
12 /	Student Presentations Students watch, participate in, and evaluate their peers' presentations. Remaining time is used for open discussion and written responses.	presentations discussion cooperative learning writing	Preview: practice presentation Review: complete written and oral responses.	30
13 /	Quiz Students will write a quiz to demonstrate an understanding of their peers' presentations. Communication Activities Students participate in communication activities	presentations discussion cooperative learning writing	Preview: practice presentation Review: complete written and oral responses.	30
14 /	Student Presentations Students reflect on their own presentation, identifying strong and weak points, what they would keep, change and/or cut. Remaining time is used for open discussion and written responses.	quiz lecture cooperative learning	Preview: study for quiz Review: complete written responses.	30
15 /	Evaluation Feedback Students are given oral and written feedback both overall and individually on their work. After the feedback, students participate in communication activities.	feedback communication activities	Preview: complete any remaining classwork.	30
16 /				
17 /				
18 /				
19 /				
20 /				

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /				
22 /				
23 /				
24 /				
25 /				
26 /				
27 /				
28 /				
29 /				
30 /				

令和７年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単 位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	日本語IA Japanese IA	3	621600	前学期 1st semester	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	筒井　昌子 TSUTSUI, Masako	白山麓C 101,201		

授業科目の学習教育目標

	キーワード	学習教育目標
1	日本語	この科目では、主に日本語の読み書きができるようになるために、文字を習得し、語彙と文法の知識をつけて「読む」「書く」技能を向上させる。 In this course, students will mainly learn characters and improve their “reading” and “writing” skills by acquiring vocabulary and grammar knowledge in order to be able to read and write Japanese.
2	コミュニケーションスキル	
3	日本文化・社会	
4		
5		

授業の概要および学習上の助言

【授業概要】
本科目は「日本語基礎A」と連動しており教材も共通のものを利用する。
「日本語ＩA」では文字・語彙・文法・文型の学習と読解・作文技能など主に読み書きを軸に、「日本語基礎A」では会話・聴解技能の向上に主眼を置き、成績についてはそれぞれの科目の重点技能の観点で評価を行う。
なお、話す／聞く技能については本科目では評価項目に含めないが、日々の学習活動の中で、学んだ語彙や文型を授業活動で使うことで会話技能を向上させることも目指している。
This course is linked to “Fundamental Japanese A” and uses the same teaching materials.
Japanese I A” focuses on reading and writing, including reading and writing skills, as well as learning letters, vocabulary, grammar, and sentence patterns, while ‘Fundamental Japanese A’ focuses on improving conversation and listening skills.
Grades will be evaluated from the perspective of the key skills in each subject area.
Although speaking/listening skills are not included in the evaluation items of this course, students are encouraged to use the vocabulary and sentence patterns they have learned in their daily learning activities to improve their conversation skills in class.
【学習上の助言】
・学習目標を常に意識すること。
・わからない言葉は辞書で調べること。
- Always be aware of your learning goals.
- Look up unfamiliar words in a dictionary.

※この授業ではアクティブラーニングの一環として、調査学習、体験学習、グループワークなどを行う。
* This class will include research, experiential learning, and group work as part of active learning.

【教科書および参考書・リザーブドブック】
教科書：『いろどり　生活の日本語』国際交流基金（オンラインテキスト）
『まるごと 日本のことばと文化 入門 りかい』三修社 978-4384057539
『かんじたまご 初級　新装版』凡人社 978-4-86746-022-1
参考書：なし
ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：なし

履修に必要な予備知識や技能

特になし

No.	教育目標(DP) (記号表記)	学生が達成すべき行動目標
①	e,i	拗音、長音を含めたひらがな・カタカナが正しく読める。 Student will be able to read hiragana and katakana correctly, including the special sounds.
②	e,i	ひらがな、カタカナの文字を正しく書くことができる。 Student will be able to write hiragana and katakana characters correctly.
③	e,i	聞いたことばをひらがな、カタカナで正しく書くことができる。 Student will be able to write the words heard correctly in hiragana and katakana.
④	e,g,i	学習した漢字の意味を理解して使える。 Student will Understand and be able to use the meanings of the kanji they have learned.
⑤	e,g,i	学習した漢字や言葉をもとに、必要な情報を収集することができる。 Student will be able to collect necessary information based on learned Kanji characters and words.
⑥	e,f,i	学習した言葉や文型を使い、自分のことや身近なことについて簡単な漢字交じりの文を書くことができる。 Student will be able to write simple sentences about oneself and one's surroundings using learned vocabulary and sentence patterns in mixed kanji/kana.

達　成　度　評　価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		0	80	20	0	0	0	0	100
総合力指標	知識を取り込む力	0	60	0	0	0	0	0	60
	思考・推論・創造する力	0	0	0	0	0	0	0	0
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	0	20	10	0	0	0	0	30
	学習に取組む姿勢・意欲	0	0	10	0	0	0	0	10

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評 価 方 法	行動目標		評 価 の 実 施 方 法 と 注 意 点
試 験	①		
	②		
	③		
	④		
	⑤		
	⑥		
クイズ 小テスト	①	✓	**クイズ・テスト** Quizzes/Test ・文字（漢字を含む）・語彙 評価割合 20% - Letters (include Kanji), vocabulary (20/100) ・読解 評価割合 20% - Reading (20/100) ・学習した語彙、文型、会話文を含む筆記テスト 評価割合 40% - A written test will be given, including new vocabulary, sentence patterns, and conversational sentences learned. (40/100) ※1課または数課ごとにクイズを行う。回数や実施日は学習進度によって変わるため学生と相談の上決定する。 * Quizzes will be given every 1chapter or few chapters. The number of quizzes and dates will depend on the progress of the students and will be decided in consultation with the students.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
レポート	①	✓	**レポート** Repot ・作文 評価割合 20% - Essay (20/100) ※評価内容は事前にルーブリックを提示する。 *A rubric will be presented in advance of the evaluation content.
	②	✓	
	③		
	④	✓	
	⑤		
	⑥	✓	
成果発表 （口頭・実技）	①		
	②		
	③		
	④		
	⑤		
	⑥		
作 品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①		
	②		
	③		
	④		
	⑤		
	⑥		
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
・ひらがな、カタカナが正しく読み書きできる。 ・学習した文型や時制を正しく使って文を書くことができる。 ・自分が言いたいことを、学習した文型や語彙を用いていくつかの単文で表現できる。 ・学習したレベルの文型や語彙が使われた文章を読んだり聞いたりして、内容が正しく理解できる。 -Can read and write Hiragana and Katakana correctly. -Can write sentences using the learned sentence patterns and tenses correctly. -Can explain what you want to say in a few sentences using the studied sentence patterns and vocabulary. -Can read and listen to sentences that use the learned vocabulary and sentence patterns, and understand the content correctly.	・時折文字の間違いなどはあるが、学習した文型を概ね使用して文を書くことができる。 ・自分が言いたいことを、文型や語彙を助けてもらいながら、いくつかの単文で表現できる。 ・学習したレベルの文型や語彙が使われた文章を読んだり聞いたりして、内容がおおよそ理解できる。 -Can write sentences using most of the sentence patterns they have learned, with occasional errors. -Can express what you want to say in a few single sentences using learned vocabulary and sentence patterns with the help of others and a dictionary. -Can read and listen to sentences that use the learned sentence patterns and vocabulary, and understand approximately what is being said.

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1	Class Orientation. Introduction of Japanese Letter	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
2	Hiragana w/r Class expressions Number	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
3	Hiragana w/r Daily expressions Number	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
4	Hiragana w/r Katakana w/r	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents ひらがなクイズの準備 Study for Hiragana Quiz	30
5	**Hiragana Quiz** Katakana w/r	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
6	Katakana w/r Self Introduction	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
7	Hiragana Katakana w/r Day, Date	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents カタカナクイズの準備 Study for Hiragana Quiz	30
8	Lesson 1 **Katakana Quiz**	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
9	Lesson 1	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
10	Lesson 2	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
11	Lesson 2	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
12	**Vocabulary Quiz L1,2** Lesson 3	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
13	**Grammar Quiz L1,2** Lesson 3	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
14	Lesson 4	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
15	Lesson 4	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30

授業明細表

ＣＬＩＰ学習プロセスについて

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回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
16	**Vocabulary Quiz L3,4** Lesson 5	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
17	**Grammar Quiz L3,4** Lesson 5	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
18	Lesson 6	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
19	Lesson 6	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
20	**Vocabulary Quiz L5,6** Lesson 7	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
21	**Grammar Quiz L5,6** Lesson 7	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
22	Lesson 8 Kanji Introduction	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
23	Lesson 8 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
24	**Vocabulary Quiz L7,8** Lesson 9 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
25	**Grammar Quiz L7,8** Lesson 9 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
26	Lesson 10 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents 語彙クイズの準備 Study for Vocabulary Quiz	30
27	Lesson 10 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
28	**Vocabulary Quiz L9,10** Lesson 11 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
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回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
29	**Grammar Quiz L9,10** Lesson 11 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
30	Lesson 12 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
31	Lesson 12 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
32	**Vocabulary Quiz L11,12** Lesson 13 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
33	**Grammar Quiz L11,12** Lesson13 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
34	Lesson 14 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
35	Lesson 14 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
36	**Vocabulary Quiz L13,14** Lesson 15 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
37	**Grammar Quiz L13,14** Lesson 15 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
38	Lesson 16 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
39	Lesson 16 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
40	**Vocabulary Quiz L15,16** Lesson 17 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
41	**Grammar Quiz L15,16** Lesson 17 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
42	Lesson 18 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30

授業明細表

ＣＬＩＰ学習プロセスについて

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回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
43	Lesson 18 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
44	**Vocabulary Quiz L17,18** Review for Reading & Writing	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
45	**Grammar Quiz L17,18** **Reading Quiz** Reflection & Self Evaluation	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	*** Deadline for submitting a essay**	なし

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Reading and Writing IA (Reading Strategy)	1	621700	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TSUDA, Akihiro	Hakusanroku C: 101. 201		Monday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Reading	In the reading class, students will be able to form a basic core of reading skills, learn to apply these skills in an extensive reading environment, and improve vocabulary, comprehension, and speed. In the writing class, students will be able to exercise literacy skills to organize ideas for academic writing. Students will also be able to use written organizational skills to share ideas with others using English.
2	Writing	
3	Vocabulary	
4	Grammar	
5	IELTS	

Course Description and Expectations for Students (10.5pt)

This course will offer pair-work in class as a type of active learning.

This course is divided into 2 sections; Reading Strategy and Writing.

(Reading Strategy)
Lecture, exercise
You need to submit all the handouts after a quiz.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: None (Handouts)
Reference books: キクタン Basic 4000,（アルク社）9784757433472 「１０分間英語速読トレーニング Level 1」（桐原書店） 9784342156052
Reserved books: *Basic Reading Power 1* ISBN: 9780138143893/ *Reading Power 2* ISBN:9780138143886

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinion, and plans. Can also ask questions, read simple instructions, and take directions.
Students can speak and write basic sentences in English to complete homework activities, to communicate with other students, and the teacher.

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	(R) Students will be able to improve academic reading skills.
②	i	(R) Students will be able to improve vocabulary knowledge.
③	i	(R) Students will be able to improve speed reading.
④	f,g,i	(W) Students will be able to make sentences, paragraphs, and essays in response to issues and themes.
⑤	f,g,i	(W) Students will be able to use comparison, narration, persuasion, process, problem solution and description.
⑥	i	(W) Students will be able to practice writing by studying samples using templates.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		10	65	25	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	55	15	0	0	0	0	80
	Ability to think, reason and create	0	10	10	0	0	0	0	20
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	0	0	0
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	10% : Final exam (academic English proficiency test) includes TOEIC, EIKEN, and IELTS style questions.
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	40% : (Reading) Each quiz will be given after each reading skill. (Writing) Complete a final draft of a writing assignment at the end of each unit and turn it in at class time or online. 10% : Speed reading homework (online) 15% : Vocabulary quiz (KIKUTAN) Based on the results, the quiz can be taken again. The results will be returned in class in the following week.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	25%: (Reading) Complete the handouts and submit in time. The class handouts will be returned in class after a quiz. (Writing) Complete and submit all writing exercises, re-writes, first drafts and final drafts in your journals at the end of each unit.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Vocabulary Quiz	Lecture Exercise	Read the syllabus Study vocabulary	20
2 /	Scanning	Lecture Exercise	Speed Reading L1-2 Review reading skills	30
3 /	Scanning	Lecture Exercise	Speed Reading L3-4 Review reading skills	30
4 /	Scanning	Lecture Exercise	Speed Reading L5-6 Review reading skills	30
5 /	Preview / Predict	Lecture Exercise	Speed Reading L7-8 Review reading skills	30
6 /	Preview / Predict	Lecture Exercise	Speed Reading L9-10 Review reading skills	30
7 /	Learning about Context	Lecture Exercise	Speed Reading L11-12 Review reading skills	30
8 /	Learning about Context	Lecture Exercise	Speed Reading L13-14 Review reading skills	30
9 /	Focusing on the Topic	Lecture Exercise	Speed Reading L15-16 Review reading skills	30
10 /	Focusing on the Topic	Lecture Exercise	Speed Reading L17-18 Review reading skills	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Understanding Paragraphs	Lecture Exercise	Speed Reading L19-20 Review reading skills	30
12 /	Understanding Paragraphs	Lecture Exercise	Speed Reading L21-22 Review reading skills	30
13 /	Main idea	Lecture Exercise	Speed Reading L23-24 Review reading skills	30
14 /	Main idea	Lecture Exercise	Review reading skills	30
15 /	Main idea	Lecture Exercise	Review reading skills	30
16 /	Final Exam	Review and evaluate your progress and understanding	Review the final exam	30
17 /	Final Exam Return			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Reading and Writing IA (Writing Strategies)	1	621700	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	BAIRD, Pauline	Hakusanroku C 101.201		M-W 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Reading	In the reading class, students will be able to form a basic core of reading skills, learn to apply these skills in an extensive reading environment and improve vocabulary, comprehension, and speed. In the writing class, students will exercise literacy skills to organize ideas for academic writing and use written organizational skills to share ideas with others in English.
2	Writing	
3	Vocabulary	
4	Grammar	
5	IELTS	

Course Description and Expectations for Students (10.5pt)

This course will offer collaboration and experiential learning as types of active learning. This course is divided into two sections: Reading Strategy and Writing.

(Writing Strategies)
Read the assigned texts and keep a Intensive writing journal
- (Focusing on forming several types of sentences, making summaries, and paragraphs)

You must submit all in-class exercises at the end of each unit at class time.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: None (Handouts & Teacher-made materials)
Reference books: *Skills for Academic Success: Reading Choice.* By Lorrain C. Smith and Nancy Nici Mare. Adapted by Miwako Yamashina, Mitsuru Yokoyama & Yasuko Okino. National Geographic Learning. 2023.
Message Delivered: Paragraph Writing and Presentation by Leonid Yoffe et.al. Nan'un- Do. 2020

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about Intensive activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinions, and plans. Can also ask questions, read simple instructions, and take directions. Students can speak and write basic sentences in English to complete homework activities and communicate with other students and the teacher.

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	(R) Students will be able to improve academic reading skills.
②	i	(R) Students will be able to improve vocabulary knowledge.
③	i	(R) Students will be able to improve speed reading.
④	f,g,i	(W) Students will be able to make sentences, paragraphs, and essays in response to issues and themes.
⑤	f,g,i	(W) Students will be able to use comparison, narration, persuasion, process, problem solution and description.
⑥	i	(W) Students will be able to practice writing by studying samples using templates.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		10	65	25	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	55	15	0	0	0	0	80
	Ability to think, reason and create	0	10	10	0	0	0	0	20
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	0	0	0
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	10% Final exam (academic English proficiency test) includes TOEIC, EIKEN, and IELTS style questions.
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	40%: Reading (Each quiz will be given after each reading skill) Intensive Writing (Quizzes will be given in each unit). 10%: Speed reading homework (online) 10%: Vocabulary quiz (KIKUTAN) in Learning Session The results will be returned in class the following week.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	30%: Reading: (Complete the handouts and submit on time). The class handouts will be returned in class after a quiz. Writing: (Complete all reading assignments for your journals and in-class assignments).
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Journal Writing (10 mins) Pre- Instruction Assessment:	Mini - Workshop Exercise	Read the syllabus Review classwork	20
2 /	Unit 1: Introduction Intensive Writing Journal Focus on the sentence - (Grammar, vocabulary, spelling)	Mini - Workshop Exercise	Complete Exercise Turn in at the end of class or at Office hour.	30
3 /	Written reports: Intensive Writing Journal Focus on the sentence - (Grammar, vocabulary, spelling)	AI activity	Complete Exercise Turn in at the end of class or at Office hour.	30
4 /	**Quiz 1:** Written reports: Intensive Writing Journal Focus on the sentence - (Grammar, vocabulary, spelling)	Workshop & AI activity & Peer reviewing	Complete Exercise Turn in at the end of class or at Office hour.	30
5 /	Written reports: Intensive Writing Journal (Collaborative) Focus on the sentence (Grammar, vocabulary, spelling)	AI activity	Complete Exercise Turn in at the end of class or at Office hour.	30
6 /	**Quiz 2:** Unit 2: Introduction Intensive Writing Journal Focus on the summarizing - (Main ideas, Clarity, and cohesion)	Workshop & Peer reviewing	Complete Exercise Turn in at the end of class or at Office hour.	30
7 /	Intensive Writing Journal Focus on the summarizing. - (Main ideas, Clarity, and cohesion)	Workshop; Exercise	Complete unfinished work. Turn in at Learning Session.	30
8 /	**Quiz 3:** Written reports: Intensive Writing Journal (Collaborative) Focus on the summarizing (Main ideas, Clarity, and cohesion)	Workshop & Peer reviewing	Complete Exercise Turn in at the end of class or at Office hour.	30
9 /	Unit 3: Introduction Intensive Writing Journal Focus on paragraph structure (Formatting, Main idea, support, conclusion)	Mini-Workshop Exercise; AI activity	Complete unfinished work. Turn in at Learning Session.	30
10 /	**Quiz 4:** Written reports: Intensive Writing Journal Focus on paragraph structure (Formatting, Main idea, support, conclusion)	Workshop & Peer reviewing	Complete unfinished work. Turn in at Learning Session.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Intensive Writing Journal Focus on paragraph structure (Formatting, Main idea, support, conclusion)	AI activity; Mini-workshop	Complete Exercise Turn it in at the end of class or during Office hours.	30
12 /	**Quiz 5:** Written reports: Intensive Writing Journal (Peer Review) Focus on paragraph structure (Formatting, Main idea, support, conclusion)	Workshop & Peer reviewing	Complete Exercise Turn in at the end of class or at Office hour.	30
13 /	Written reports: Intensive Writing Journal (Peer Review) Focus on paragraph structure (Formatting, Main idea, support, conclusion	Workshop & AI activity & Peer reviewing	Complete Exercise Turn it in at the end of class or during Office hours.	30
14 /	**Quiz 6:** Written reports: Intensive Writing Journal (Peer Review) Focus on paragraph structure (Formatting, Main idea, support, conclusion	Workshop & Peer reviewing	Complete Exercise Turn it in at the end of class or during Office hours.	30
15 /	Catch-up, Reflection Paragraph, and Course Evaluation *Return journals to students*	Workshop Exercise	Complete activities	30
16 /	Final Exam			30
17 /	Final Exam Return			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Reading and Writing IA (Advanced)	1	621700	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	REYNOLDS, Stephanie	Hakusanroku C 101.201		Monday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Reading	In the reading class, students will be able to form a basic core of reading skills, learn to apply these skills in an extensive reading environment, and improve vocabulary, comprehension, and speed. In the writing class, students will be able to exercise literacy skills to organize ideas for academic writing. Students will also be able to use written organizational skills to share ideas with others using English.
2	Writing	
3	Vocabulary	
4	Grammar	
5	IELTS	

Course Description and Expectations for Students (10.5pt)

This course will offer group work, discussion, and reflection in class as a type of active learning. It will be divided into 5 sections; Reading Strategy, Grammar, Vocabulary, Extensive Reading, and Writing,

(Reading Strategy) In-class activities and exercises to practice academic reading skills.
(Grammar) In-class activities and exercises to practice sentence structure and word forms for academic writing.
(Vocabulary) Study sets, practice, and regular quizzes to measure growth of vocabulary understanding.
(Extensive Reading) Sustained silent-reading of 1 or more self-selected books at an independent reading level recorded in a reading log.
(Writing) In-class activities and exercises to practice grammar and organization of 4 types of paragraphs/essays.

You need to keep all your assignments and handouts in a folder.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books: Reflect: Reading & Writing 4 9780357448571 or Reflect: Reading & Writing 5 9780357448588
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinion, and plans. Can also ask questions, read simple instructions, and take directions. Students can speak and write basic sentences in English to complete homework activities, to communicate with other students, and the teacher.

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	(R) Students will be able to improve academic reading skills.
②	i	(R) Students will be able to improve vocabulary knowledge.
③	i	(R) Students will be able to improve speed reading.
④	f, g, i	(W) Students will be able to make sentences, paragraphs, and essays in response to issues and themes.
⑤	f, g, i	(W) Students will be able to use comparison, narration, persuasion, process, problem solution and description writing styles.
⑥	i	(W) Students will be able to practice writing by studying samples using templates.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		10	65	25	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	55	15	0	0	0	0	80
	Ability to think, reason and create	0	10	10	0	0	0	0	20
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	0	0	0
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	10% Final exam (academic English proficiency test) including TOEIC, EIKEN, and IELTS style questions.
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	25% : (Reading Strategy) In-class assignments focusing on reading skills and word forms 15% (Grammar) In-class assignments focusing on grammar and sentence structure. 15% : (Vocabulary) 5 quizzes will be given in classes 1, 3,7, 11, 15. 10% : (Extensive Reading Log) Students will read self-selected books/articles for homework 30 minutes each week for a total of 8 hours over 15 weeks. Feedback and graded assignments will be returned in class and/or online in the following week.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	25%: (Writing) Students will write 4 original, distinct writing tasks, which will be graded according to the following criteria: Writing Process, Task Achievement, Cohesion and Coherence, Vocabulary, Grammar, Format. Students will submit drafts in class and typed assignments online, before the next class period. Verbal and written feedback will be given in writing conferences with the teacher during the following class.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction: Students will read the syllabus. Reading: Unit 1 Reading 1 Writing: Grammar Quiz 1	Individual and group exercises. Discussion	Read the syllabus. Complete unfinished assignments Extensive Reading Log	30
2 /	Reading: Unit 1 Reading 2 Writing: Analyze the Model	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
3 /	Reading: Quiz 2 Writing: Plan and Write	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
4 /	Reading: Extensive Reading Writing: Feedback and Revision	Individual and group exercises. Discussion and peer conferencing.	Complete unfinished assignments Extensive Reading Log	30
5 /	Reading: Unit 2 Reading 1 Writing: Grammar	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
6 /	Reading: Unit 2 Reading 2 Writing: Analyze the Model	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
7 /	Reading: Quiz 3 Writing: Plan and Write	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
8 /	Reading: Extensive Reading Writing: Feedback and Revision	Individual and group exercises. Discussion and peer conferencing.	Complete unfinished assignments Extensive Reading Log	30
9 /	Reading: Unit 3 Reading 1 Writing: Grammar	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
10 /	Reading: Unit 3 Reading 2 Writing: Analyze the Model	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Reading: Quiz 4 Writing: Plan and Write	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
12 /	Reading: Extensive Reading Writing: Feedback and Revision, Grammar	Individual and group exercises. Discussion and peer conferencing.	Complete unfinished assignments Extensive Reading Log	30
13 /	Reading: Unit 4 Reading 1 Writing: Analyze the Model	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
14 /	Reading: Unit 4 Reading 2 Writing: Plan and Write	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
15 /	Reading: Quiz 5 Writing: Feedback and revision	Discussion and peer conferencing. Review and evaluate your progress and understanding.		30
16 /	Final Exam	Review and evaluate your progress and understanding.	Review the final exam.	
17 /	Final Exam Return			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Listening and Speaking IA (Intermediate)	2	621800	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TAYLOR, James	Hakusanroku C.: 101.201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Listening	Students will develop oral communication abilities for classes taught in academic English and to be able to function socially in an English-speaking environment. Students will be able to talk about things they like/dislike and their hobbies; describe people, things, events, and places using a variety of vocabulary and grammatical structures. Also, students will improve their understanding of topics and vocabulary used in their classes.
2	Speaking	
3	Communication	
4	Study skills	
5	Presentation skills	

Course Description and Expectations for Students (10.5pt)

This course will offer group discussion and group work as types of active learning. This course emphasizes the use of basic English language for oral communication. Its main purpose is for the students to be able to exercise literacy skills including, speaking, listening, and notetaking for learning in their academic classes. Students will also be able to interact with others using English. This course will be taught through the first 7 units of the textbook.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: *Perspectives 2 (Intermediate): National Geographic Learning by (Eds). Lewis Lansford, Daniel Barber, Amanda Jefferies (National Geographic Learning) 2018.* ISBN: 978-1-337-27713-6.

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Intermediate listening and speaking ability.

No.	Program Objectives	Target Abilities for Students (9pt)
①	f	Students will be able to greet and introduce themselves to new acquaintances and talk about emotions.
②	f	Students will be able to discuss and give opinions about hobbies, sports, and travel.
③	d, h	Students will be able to discuss and describe food, photos, work, shopping, and the human body.
④	f, i	Students will be able to recognise introductions from new acquaintances and talk about emotions.
⑤	g, f, i	Students will be able to recognise others' opinions about hobbies, sports, and travel.
⑥	d, f	Students will be able to recognise speech about food, photos, work, shopping, and the human body.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	50	25	25	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	25	5	5	0	0	0	35
	Ability to think, reason and create	0	0	5	5	0	0	0	10
	Collaboration and leadership	0	0	5	5	0	0	0	10
	Announcement / Expression / Communication	0	25	5	5	0	0	0	35
	Attitude and motivation for learning	0	0	5	5	0	0	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	There will be Progress Quizzes in lessons 8, 15, 22, and 29. Quizzes will use IELTS-style questions. Quizzes are designed to show the progress of students' English ability during the semester. Each quiz will have a target score required to pass. Failure to achieve the minimum target score will require the student to take a retest. Quizzes will be graded and returned with feedback by the following lesson in class.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	Students will do grammar/vocabulary activities in each unit, which will be graded and returned with feedback by the following lesson in class. Each unit will contain a listening activity. This will be graded and returned with feedback by the following lesson in class.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①	✓	There will be at least one speaking activity in each unit. Speaking activities will be graded and returned with feedback by the following lesson in class. Students will complete a spoken reflection exercise at the end of each unit. Reflections will be graded and returned with feedback by the following lesson in class.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will work efficiently to complete tasks on time and to a high standard. Students will respond appropriately to feedback and seek help when necessary to further improve.	Students will work somewhat efficiently to complete tasks on time and to a reasonable standard. Students will respond to most feedback appropriately and occasionally seek help when necessary.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Unit 1: In Touch with Your Feelings Grammar/Vocabulary	Syllabus; stations; textbook; worksheets; online activities; individual, pair, and group activities.	Read the syllabus.	30
2 /	Unit 1: In Touch with Your Feelings Grammar/Vocabulary & Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
3 /	Unit 1: In Touch with Your Feelings Listening & Speaking	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
4 /	Unit 1: In Touch with Your Feelings Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
5 /	Unit 2: Enjoy the Ride Grammar/Vocabulary	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
6 /	Unit 2: Enjoy the Ride Grammar/Vocabulary & Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
7 /	Unit 2: Enjoy the Ride Listening & Speaking	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
8 /	Progress Quiz 1	Test questions.	Review the test questions.	30
9 /	Unit 2: Enjoy the Ride Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
10 /	Unit 3: Active Lives Grammar/Vocabulary	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Unit 3: Active Lives Grammar/Vocabulary & Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
12 /	Unit 3: Active Lives Listening & Speaking	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
13 /	Unit 3: Active Lives Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
14 /	Unit 4: Food Grammar/Vocabulary	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
15 /	Progress Quiz 2	Test questions.	Review the test questions.	30
16 /	Unit 4: Food Grammar/Vocabulary & Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
17 /	Unit 4: Food Listening & Speaking	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
18 /	Unit 4: Food Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
19 /	Unit 5: Work Grammar/Vocabulary	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
20 /	Unit 5: Work Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Unit 5: Work Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
22 /	Progress Quiz 3	Test questions.	Review the test questions.	30
23 /	Unit 6: Superhuman Grammar/Vocabulary	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
24 /	Unit 6: Superhuman Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
25 /	Unit 6: Superhuman Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
26 /	Unit 7: Shopping Around Grammar/Vocabulary	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
27 /	Unit 7: Shopping Around Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit by the announced deadline.	30
28 /	Unit 7: Shopping Around Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
29 /	Progress Quiz 4	Test questions.	Review the test questions.	30
30 /	Review & Catch-up	End of course questionnaire; self-assessment activities.		

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Listening and Speaking IA (Adv)	2	621800	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	STEVENSON, Ian	Hakusanroku C.: 101.201		Tuesday 16:30-17:30

Course Objectives

	Keywords (10.5pt)	Learning Objectives (10.5pt)
1	Listening	Students will develop oral communication abilities for classes taught in academic English and to be able to function socially in an English-speaking environment. Students will be able to talk about communication, different types of entertainment, and time using a variety of vocabulary and grammatical structures. Also, students will improve their understanding of topics and vocabulary used in their classes.
2	Speaking	
3	Communication	
4	Study skills	
5	Presentation skills	

Course Description and Expectations for Students (10.5pt)

This course will offer group work and discussion, problem solving, discovery and experiential learning as types of active learning. This course emphasizes the use of basic English language for oral communication. This course emphasizes the use of basic English language for oral communication. Its main purpose is for the students to be able to exercise literacy skills including, speaking, listening, and notetaking for learning in their academic classes. Students will also be able to interact with others using English. This course will be taught through the first 7 units of the textbook.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: *Perspectives 2 (Intermediate): National Geographic Learning by (Eds). Lewis Lansford, Daniel Barber, Amanda Jefferies (National Geographic Learning) 2018.* ISBN: 978-1-337-27713-6.

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Advanced English listening and speaking ability.

No.	Program Objectives	Target Abilities for Students (9pt)
①	f	Students will be able to greet and introduce themselves to new acquaintances and talk about emotions.
②	f	Students will be able to discuss and give opinions about hobbies, sports, and travel.
③	d, h	Students will be able to discuss and describe food, photos, work, shopping, and the human body.
④	f, i	Students will be able to recognize introductions from new acquaintances and talk about emotions.
⑤	g, f, i	Students will be able to recognize others' opinions about hobbies, sports, and travel.
⑥	d, f	Students will be able to recognize speech about food, photos, work, shopping, and the human body.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	50	25	25	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	25	5	5	0	0	0	35
	Ability to think, reason and create	0	0	5	5	0	0	0	10
	Collaboration and leadership	0	0	5	5	0	0	0	10
	Announcement / Expression / Communication	0	25	5	5	0	0	0	35
	Attitude and motivation for learning	0	0	5	5	0	0	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	∨	There will be Proficiency Quizzes in lessons 7, 14, 21 and 28. Quizzes will use IELTS-style questions. Quizzes are designed to show the progress of students' English ability during the semester. Each quiz will have a target score required to pass. Failure to achieve the minimum target score will require the student to take a retest. Quizzes will be graded and returned with feedback by the following lesson.
	②	∨	
	③	∨	
	④	∨	
	⑤	∨	
	⑥	∨	
Reports	①	∨	Students will do grammar, listening, speaking and vocabulary activities in each unit, which will be graded and returned with feedback by the following lesson.
	②	∨	
	③	∨	
	④	∨	
	⑤	∨	
	⑥	∨	
Presentations	①	∨	There will be presentation activities in each unit. These activities will be graded and returned with feedback by the following lesson.
	②	∨	
	③	∨	
	④	∨	
	⑤	∨	
	⑥	∨	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will work efficiently to complete tasks on time and to a high standard. Students will respond appropriately to feedback and seek help when necessary to further improve.	Students will work somewhat efficiently to complete tasks on time and to a reasonable standard. Students will respond to most feedback appropriately and occasionally seek help when necessary.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introductions: Teacher, Syllabus, Classroom tools and expectations Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
2 /	Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
3 /	Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
4 /	Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
5 /	Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
6 /	Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
7 /	Progress Quiz 1	Test questions.	Review the test questions.	30
8 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
9 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
10 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
12 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
13 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
14 /	Progress Quiz 2	Test questions.	Review the test questions.	30
15 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
16 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
17 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
18 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
19 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
20 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Progress Quiz 3	Test questions.	Review the test questions.	30
22 /	Unit 4 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
23 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
24 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
25 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
26 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
27 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
28 /	Progress Quiz 4	Test questions.	Review the test questions.	30
29 /	Wrap Up and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work	30
30 /	Wrap Up and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Listening and Speaking IA (Basic)	2	621800	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	BARNETSON, Hamish	Hakusanroku C.: 101.201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Listening	Students will develop oral communication abilities for classes taught in academic English and to be able to function socially in an English-speaking environment. Students will be able to talk about communication, different types of entertainment, and time using a variety of vocabulary and grammatical structures. Also, students will improve their understanding of topics and vocabulary used in their classes.
2	Speaking	
3	Communication	
4	Study skills	
5	Presentation skills	

Course Description and Expectations for Students (10.5pt)

This course will offer group work and discussion, problem solving, discovery and experiential learning as types of active learning. This course emphasizes the use of basic English language for oral communication. This course emphasizes the use of basic English language for oral communication. Its main purpose is for the students to be able to exercise literacy skills including, speaking, listening, and notetaking for learning in their academic classes. Students will also be able to interact with others using English. This course will be taught through the first 7 units of the textbook.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: *Perspectives 2 (Intermediate): National Geographic Learning by (Eds). Lewis Lansford, Daniel Barber, Amanda Jefferies (National Geographic Learning) 2018.* ISBN: 978-1-337-27713-6.

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Low / Lower-intermediate/English listening and speaking ability.

No.	Program Objectives	Target Abilities for Students (9pt)
①	f	Students will be able to greet and introduce themselves to new acquaintances and talk about emotions.
②	f	Students will be able to discuss and give opinions about hobbies, sports, and travel.
③	d, h	Students will be able to discuss and describe food, photos, work, shopping, and the human body.
④	f, i	Students will be able to recognize introductions from new acquaintances and talk about emotions.
⑤	g, f, i	Students will be able to recognize others' opinions about hobbies, sports, and travel.
⑥	d, f	Students will be able to recognize speech about food, photos, work, shopping, and the human body.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	50	25	25	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	25	5	5	0	0	0	35
	Ability to think, reason and create	0	0	5	5	0	0	0	10
	Collaboration and leadership	0	0	5	5	0	0	0	10
	Announcement / Expression / Communication	0	25	5	5	0	0	0	35
	Attitude and motivation for learning	0	0	5	5	0	0	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	∠	There will be Proficiency Quizzes in lessons 7, 14, 21 and 28. Quizzes will use IELTS-style questions. Quizzes are designed to show the progress of students' English ability during the semester. Each quiz will have a target score required to pass. Failure to achieve the minimum target score will require the student to take a retest. Quizzes will be graded and returned with feedback by the following lesson.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Reports	①	∠	Students will do grammar, listening, speaking and vocabulary activities in each unit, which will be graded and returned with feedback by the following lesson.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Presentations	①	∠	There will be presentation activities in each unit. These activities will be graded and returned with feedback by the following lesson.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will work efficiently to complete tasks on time and to a high standard. Students will respond appropriately to feedback and seek help when necessary to further improve.	Students will work somewhat efficiently to complete tasks on time and to a reasonable standard. Students will respond to most feedback appropriately and occasionally seek help when necessary.

Course Schedule

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Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
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4 /	Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
5 /	Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
6 /	Unit 1 – Textbook Units 1 and 2	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
7 /	Progress Quiz 1	Test questions.	Review the test questions.	30
8 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
9 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
10 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
12 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
13 /	Unit 2 – Textbook Units 3 and 4	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
14 /	Progress Quiz 2	Test questions.	Review the test questions.	30
15 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
16 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
17 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
18 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
19 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
20 /	Unit 3 – Textbook Units 5 and 6	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Progress Quiz 3	Test questions.	Review the test questions.	30
22 /	Unit 4 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
23 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
24 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
25 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
26 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
27 /	Unit 3 – Textbook Unit 7 and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
28 /	Progress Quiz 4	Test questions.	Review the test questions.	30
29 /	Wrap Up and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work	30
30 /	Wrap Up and Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work	30

令和７年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単 位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	日本語IB Japanese IB	2	621900	後学期 2nd semester	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	筒井　昌子 TSUTSUI, Masako	白山麓C 101,201		

授 業 科 目 の 学 習 教 育 目 標

	キーワード	学習教育目標
1	日本語	この科目では、先学期開講した「日本語基礎A」「日本語ＩA」から継続して、日常の日本語でのコミュニケーション能力に関して、四技能を総合的に向上させることをめざす。 In this course, continuing from "Fundamental Japanese A" and "Japanese I A" offered in the previous semester, we aim to comprehensively improve the four skills of daily communication in Japanese.
2	コミュニケーションスキル	
3	日本文化・社会	
4		
5		

授業の概要および学習上の助言

【授業概要】

先学期に引き続き「日本語基礎B」で会話能力を「日本語ＩB」で読み書きの能力の向上を目指す。

Continuing from last semester, students mastered conversational skills in "Basic Japanese B" and reading and writing skills in "Japanese IB".

【学習上の助言】

・学習目標を常に意識すること。

・わからない言葉は辞書で調べること。

- Always be aware of your learning goals.

- Look up unfamiliar words in a dictionary.

※この授業ではアクティブラーニングの一環として、調査学習、体験学習、グループワークなどを行う。

* This class will include research, experiential learning, and group work as part of active learning.

【教科書および参考書・リザーブドブック】

教科書：『いろどり　生活の日本語』国際交流基金（オンラインテキスト）

『まるごと 日本のことばと文化 初級１ りかい』三修社 978-4384057553

『かんじたまご 初級　新装版』凡人社 978-4-86746-022-1

参考書：なし

ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：なし

履修に必要な予備知識や技能

日本語初級前半程度以上の語彙・文法・文型知識および実際に使える技能

No.	教育目標(DP) （記号表記）	学生が達成すべき行動目標
①	e,i	テキストで学んだ文型や語彙が用いられた日本語表現を聞いたり読んだりして、意味を理解できる。 Student will be able to listen to and read Japanese expressions in which sentence patterns and vocabulary learned are used and understand their meanings.
②	e,f,i	テキストで学んだ文型や語彙を用いながら話したり書いたりして、自分の意志を伝えることができる。 Student will be able to communicate his/her intentions by speaking and writing while using the sentence patterns and vocabulary learned.
③	e,i	スピーチレベル（丁寧体と普通体）の違いを理解し、使い分けができる。 Student will understand the difference between conversational levels (polite and casual) and be able to distinguish between the two and use them.
④	e,g,i	学習した漢字や言葉をもとに、必要な情報を収集することができる。 Student will be able to collect necessary information based on learned Kanji characters and words.
⑤	e,f,i	学習した漢字を使って、自己表現ができる。 Student will be able to express him/her self using the kanji they have learned.
⑥	e,g,i	まとまりのある長さの文章を読んで理解できる。 Student will be able to read and comprehend sentences of coherent length.

達 成 度 評 価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		0	80	20	0	0	0	0	100
総合力指標	知識を取り込む力	0	60	5	0	0	0	0	65
	思考・推論・創造する力	0	20	0	0	0	0	0	20
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	0	0	10	0	0	0	0	10
	学習に取組む姿勢・意欲	0	0	5	0	0	0	0	5

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評 価 方 法	行動目標		評 価 の 実 施 方 法 と 注 意 点
試 験	①		
	②		
	③		
	④		
	⑤		
	⑥		
クイズ 小テスト	①	✓	**クイズ・テスト**　Quizzes/Test ・文字（漢字を含む）・語彙　評価割合　20% - Letters (include Kanji), vocabulary　(20/100) ・読解　評価割合　20% - Reading　(20/100) ・学習した語彙、文型、会話文を含む筆記テスト　評価割合　40% - A written test will be given, including new vocabulary, sentence patterns, and conversational sentences learned.　(40/100) ※1課または数課ごとにクイズを行う。回数や実施日は学習進度によって変わるため学生と相談の上決定する。 * Quizzes will be given every 1chapter or few chapters. The number of quizzes and dates will depend on the progress of the students and will be decided in consultation with the students.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
レポート	①		**レポート**　Repot ・作文　評価割合　20% - Essay　(20/100) ※評価内容は事前にルーブリックを提示する。 *A rubric will be presented in advance of the evaluation content.
	②	✓	
	③	✓	
	④		
	⑤	✓	
	⑥		
成果発表 （口頭・実技）	①		
	②		
	③		
	④		
	⑤		
	⑥		
作 品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①		
	②		
	③		
	④		
	⑤		
	⑥		
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
・助詞を正しく使って、学習した文型で文を産出できる。 ・自分が言いたいことを、学習した文型や語彙を用いていくつかの単文で表現できる。 ・まとまった長さの文章をひとりで読んで、大意を正しく理解できる。 -Can produce sentences using the learned sentence patterns with the correct use of particles. -Explain what you want to say in a few sentences using the learned sentence patterns and vocabulary. -Read sentences of a certain length on one's own and understand the main idea correctly.	・時折、助詞の間違いなどはあるが、意味が通じる程度の正確さで学習した文型を産出できる。 ・自分が言いたいことを、文型や語彙を助けてもらいながら、いくつかの単文で表現できる。 ・教師に助言をもらいながらまとまった長さの文章を読んで、大意をおおよそ理解できる。 -Can produce the learned sentence patterns with enough accuracy to make sense, although there are occasional errors with particles. -Can express what you want to say in a few single sentences using learned vocabulary and sentence patterns with the help of others and a dictionary. -Can read sentences of a coherent length and understand the main idea with the help of teacher.

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1 ／	Class Orientation Review on the previous studies	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
2 ／	Lesson 1 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
3 ／	Lesson2 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
4 ／	Lesson3 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
5 ／	Review	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
6 ／	**Vocabulary Quiz L1,2,3** Lesson 4 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
7 ／	**Grammar Quiz L1,2,3** Lesson 5 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	15
8 ／	Lesson 6 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
9 ／	Review	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
10 ／	**Vocabulary Quiz L4,5,6** Lesson 7 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
11 ／	**Grammar Quiz L4,5,6** Lesson 8 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
12 ／	Lesson 9 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
13 ／	Review	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
14 ／	Shodo	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
15 ／	**Vocabulary Quiz L7,8,9** Lesson 10 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30

授業明細表

ＣＬＩＰ学習プロセスについて

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※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
16 ／	**Grammar Quiz L7,8,9** Lesson 11 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
17 ／	Lesson 12 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
18 ／	Review	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
19 ／	**Vocabulary Quiz L10,11,12** Lesson 13 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
20 ／	**Grammar Quiz L10,11,12** Lesson 14 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
21 ／	Lesson 15 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
22 ／	Review	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
23 ／	Lesson 16 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course contents	30
24 ／	Lesson 17 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course content	30
25 ／	Review 18 Kanji	講義・演習 Lecture・Practice	授業内容の復習 Review the course content クイズの準備 Prepare for quiz	30
26 ／	**Vocabulary Quiz L13,14,15** Review Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course content クイズの準備 Prepare for quiz	30
27 ／	**Grammar Quiz L13,14,15** Review Essay	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents	30
28 ／	Review	講義・演習 Lecture・Practice	授業内容の復習 Review the course content クイズの準備 Prepare for quiz	30
29 ／	**Vocabulary Quiz L16,17,18** Reflection & Self Evaluation	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	授業内容の復習 Review the course contents クイズの準備 Prepare for quiz	30
30 ／	**Grammar Quiz L16,17,18** Lesson13 Kanji	講義・演習 Lecture・Practice クイズ実施・採点・返却 Quiz, Grading & Return	*** Deadline for submitting a essay**	なし

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Reading and Writing I B (Reading Strategy)	1	622000	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TSUDA, Akihiro	Hakusanroku C: 101. 201		Monday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Reading	In the reading class, students will be able to form a basic core of reading skills, learn to apply these skills in an extensive reading environment, and improve vocabulary, comprehension, and speed. In the writing class, students will be able to exercise literacy skills to organize ideas for academic writing. Students will also be able to use written organizational skills to share ideas with others using English.
2	Writing	
3	Vocabulary	
4	Grammar	
5	IELTS	

Course Description and Expectations for Students (10.5pt)

This course will offer pair-work in class as a type of active learning.

This course is divided into 2 sections; Reading Strategy and Writing.

(Reading Strategy)
Lecture, exercise
You need to submit all the handouts after a quiz.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: None (Handouts)
Reference books: キクタン Basic 4000,（アルク社）9784757433472 「１０分間英語速読トレーニング Level 1」（桐原書店） 9784342156052
Reserved books: *Basic Reading Power 1* ISBN: 9780138143893/ *Reading Power 2* ISBN:9780138143886

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinion, and plans. Can also ask questions, read simple instructions, and take directions.
Students can speak and write basic sentences in English to complete homework activities, to communicate with other students, and the teacher.

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	(R) Students will be able to improve academic reading skills.
②	i	(R) Students will be able to improve vocabulary knowledge.
③	i	(R) Students will be able to improve speed reading.
④	f,g,i	(W) Students will be able to make sentences, paragraphs, and essays in response to issues and themes.
⑤	f,g,i	(W) Students will be able to use comparison, narration, persuasion, process, problem solution and description.
⑥	i	(W) Students will be able to practice writing by studying samples using templates.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		10	65	25	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	55	15	0	0	0	0	80
	Ability to think, reason and create	0	10	10	0	0	0	0	20
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	0	0	0
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

＊ The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	10% : Final exam (academic English proficiency test) includes TOEIC, EIKEN, and IELTS style questions.
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	40% : (Reading) Each quiz will be given after each reading skill. (Writing) Complete a final draft of a writing assignment at the end of each unit and turn it in at class time or online. 10% : Speed reading homework (online) 15% : Vocabulary quiz (KIKUTAN) Based on the results, the quiz can be taken again. The results will be returned in class in the following week.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	25%: (Reading) Complete the handouts and submit in time. The class handouts will be returned in class after a quiz. (Writing) Complete and submit all writing exercises, re-writes, first drafts and final drafts in your journals at the end of each unit.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Vocabulary Quiz	Lecture Exercise	Read the syllabus Study vocabulary	20
2 /	Read Fast	Lecture Exercise	Speed Reading L1-2 Review reading skills	30
3 /	Read Fast	Lecture Exercise	Speed Reading L3-4 Review reading skills	30
4 /	Identifying the Pattern	Lecture Exercise	Speed Reading L5-6 Review reading skills	30
5 /	Identifying the Pattern	Lecture Exercise	Speed Reading L7-8 Review reading skills	30
6 /	Identifying the Pattern	Lecture Exercise	Speed Reading L9-10 Review reading skills	30
7 /	Identifying the Pattern	Lecture Exercise	Speed Reading L11-12 Review reading skills	30
8 /	Guessing Meaning from Context	Lecture Exercise	Speed Reading L13-14 Review reading skills	30
9 /	Guessing Meaning from Context	Lecture Exercise	Speed Reading L15-16 Review reading skills	30
10 /	Making Inference	Lecture Exercise	Speed Reading L17-18 Review reading skills	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Making Inference	Lecture Exercise	Speed Reading L19-20 Review reading skills	30
12 /	Making Inference	Lecture Exercise	Speed Reading L21-22 Review reading skills	30
13 /	Summarizing	Lecture Exercise	Speed Reading L23-24 Review reading skills	30
14 /	Summarizing	Lecture Exercise	Review reading skills	30
15 /	Summarizing	Lecture Exercise	Review reading skills	30
16 /	Final Exam	Review and evaluate your progress and understanding	Review the final exam	30
17 /	Final Exam Return			

2025 Syllabus

Instructor with "＊" means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Reading and Writing IB (Writing Strategies)	1	622000	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	BAIRD, Pauline	Hakusanroku C 101.201		M-W 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Reading	In the reading class, students will be able to form a basic core of reading skills, learn to apply these skills in an extensive reading environment and improve vocabulary, comprehension, and speed. In the writing class, students will be able to exercise literacy skills to organize ideas for academic writing. Students will also be able to use written organizational skills to share ideas with others using English.
2	Writing	
3	Vocabulary	
4	Grammar	
5	IELTS	

Course Description and Expectations for Students (10.5pt)

This course offers investigative learning, problem solving, and experiential learning as types of active learning. It is divided into 2 sections; Reading Strategy and Writing.

(Writing Strategies)
(Focus on describing, interpreting, making claims, explaining, predicting)
You must submit all in-class exercises and final drafts at the end of each unit at class time.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: None (Handouts & Teacher-made materials)
Reference books: *Skills for Academic Success: Reading Choice.* By Lorrain C. Smith and Nancy Nici Mare. Adapted by Miwako Yamashina, Mitsuru Yokoyama & Yasuko Okino. National Geographic Learning. 2023.
Message Delivered: Paragraph Writing and Presentation by Leonid Yoffe et.al. Nan'un- Do. 2020

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinion, and plans. Can also ask questions, read simple instructions, and take directions. Students can speak and write basic sentences in English to complete homework activities, to communicate with other students, and the teacher.

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	(R) Students will be able to improve academic reading skills.
②	i	(R) Students will be able to improve vocabulary knowledge.
③	i	(R) Students will be able to improve speed reading.
④	f,g,i	(W) Students will be able to make sentences, paragraphs, and essays in response to issues and themes.
⑤	f,g,i	(W) Students will be able to use comparison, narration, persuasion, process, problem solution and description.
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Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		10	65	25	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	55	15	0	0	0	0	80
	Ability to think, reason and create	0	10	10	0	0	0	0	20
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	0	0	0
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	10% Final exam (academic English proficiency test) includes TOEIC, EIKEN, and IELTS style questions.
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	40%: Reading (Each quiz will be given after each reading skill) (Weekly Extensive Writing Journals Homework online); In-class writing (Quizzes will be given in each unit). 10%: Speed reading homework (online) 10%: Vocabulary quiz (KIKUTAN) in Learning Session The results will be returned in class the following week.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	25%: Reading: (Complete the handouts and submit on time). The class handouts will be returned in class after a quiz. Writing: (Extensive Writing journals (20 mins each) and in-class journals (10 mins e ach) & other in-class assignments). *Student Journal Feedback is available in BOX at the end of the unit.*
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Journal Writing (10 mins) Free Writing online (20 mins) Pre- Instruction Assessment: Grammar and Paragraph Writing.	Mini - Workshop Exercise	Read the syllabus Review classwork	20
2 /	**Unit 1: Writing Invention** Journal Writing In class (10 mins) Free writing online (20 mins) Expressing an opinion or point of view (a current social issue)	Out of class investigation Mini - Workshop Exercise; AI activity	Complete Exercise Turn it in at the end of class or at Office hour.	30
3 /	Journal Writing In class (10 mins) Free writing online (20 mins) Gathering information: History, places used/number of speakers, Regional Dialects/variations	Mini - Workshop Workshop; AI activity	Complete Exercise Turn it in at the end of class or at Office hour.	30
4 /	Journal Writing In class (10 mins) Free writing online (20 mins) Paragraph Analysis: IELTS Vocabulary and Expressions	Workshop & Conferencing	Complete Exercise Turn it in at the end of class or at Office hour.	30
5 /	**Quiz 1: Critical Thinking** - IELTS TASK 2 Opinion Essay 250 words Journals Interview Reflections and Progress check on writing achievement *Student Journal Feedback is available in BOX at the end of the unit.*	Peer Review	Complete Exercise Turn it in at the end of class or at Office hour.	30
6 /	**Unit 2: Topic Sentences and Concluding Sentences** Journal Writing In class (10 mins) Free writing online (20 mins) Compound Sentences and compound-complex sentences (Describing trends)	Workshop: AI activity	Complete Exercise Turn it in at the end of class or at Office hour.	30
7 /	Journal Writing In class (10 mins) Free writing online (20 mins) Compound Sentences and compound-complex sentences (Describing trends)	Workshop Exercise: AI activity	Complete unfinished work. Turn in at Learning Session.	30
8 /	**Quiz 2:** Journal Writing In class (10 mins) Free writing online (20 mins) Compound Sentences and compound-complex sentences (describing trends)	Peer Review; Workshop Exercise	Complete Exercise Turn it in at the end of class or at Office hour.	30
9 /	Journal Writing In class (10 mins) Free writing online (20 mins) Compound Sentences and compound-complex sentences (describing graphs and charts)	Mini-Workshop Exercise; AI activity	Complete unfinished work. Turn in at Learning Session.	30
10 /	**Quiz 3: Critical Thinking (**IELTS TASK 1 Describing graphs and charts Interview: Progress check and Reflections *Student Journal Feedback is available in BOX at the end of the unit.*	Peer Review	Complete unfinished work. Turn in at Learning Session.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	**Unit 2: Listing Reasons** Journal Writing In class (10 mins) Free writing online (20 mins) Paragraph Analysis (agree/disagree) Vocabulary and Expressions & Exercises	Out of class investigation	Complete Exercise Turn it in at the end of class or at Office hour.	30
12 /	**Quiz 4:** Journal Writing In class (10 mins) Free writing online (20 mins) Paragraph Analysis (agree/disagree) Vocabulary and Expressions & Exercises	Workshop Exercise	Complete Exercise Turn it in at the end of class or at Office hour.	30
13 /	Journal Writing In class (10 mins) Free writing online (20 mins) Preparing to write (agree/disagree) Vocabulary and Expressions & Exercises	Mini-Workshop Exercise	Complete Exercise Turn it in at the end of class or at Office hour.	30
14 /	**Quiz 5: Critical Thinking (**IELTS TASK 2 & Agree/disagree essay (250 words) *Student Journal Feedback is available in BOX at the end of the unit.*	Peer Review	Complete Exercise Turn it in at the end of class or at Office hour.	30
15 /	Catch-up, Reflection, and Course Evaluation Return graded student essays	Workshop Exercise	Complete activities	30
16 /	Final Exam			30
17 /	Final Exam Return			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Reading and Writing I B (Advanced)	1	622000	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	REYNOLDS, Stephanie	Hakusanroku C 101.201		Monday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Reading	In the reading class, students will be able to form a basic core of reading skills, learn to apply these skills in an extensive reading environment, and improve vocabulary, comprehension, and speed. In the writing class, students will be able to exercise literacy skills to organize ideas for academic writing. Students will also be able to use written organizational skills to share ideas with others using English.
2	Writing	
3	Vocabulary	
4	Grammar	
5	IELTS	

Course Description and Expectations for Students (10.5pt)

This course will offer group work, discussion, and reflection in class as a type of active learning. It will be divided into 5 sections; Reading Strategy, Grammar, Vocabulary, Extensive Reading, and Writing,

(Reading Strategy) In-class activities and exercises to practice academic reading skills.
(Grammar) In-class activities and exercises to practice sentence structure and word forms for academic writing.
(Vocabulary) Study sets, practice, and regular quizzes to measure growth of vocabulary understanding.
(Extensive Reading) Sustained silent-reading of 1 or more self-selected books at an independent reading level recorded in a reading log.
(Writing) In-class activities and exercises to practice grammar and organization of 4 types of paragraphs/essays.

You need to keep all your assignments and handouts in a folder.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books: Reflect: Reading & Writing 4 9780357448571 or Reflect: Reading & Writing 5 9780357448588
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to communicate about personal activities and events: work, school, daily life, and leisure. Can describe experiences and provide explanations, opinion, and plans. Can also ask questions, read simple instructions, and take directions.
Students can speak and write basic sentences in English to complete homework activities, to communicate with other students, and the teacher.

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	(R) Students will be able to improve academic reading skills.
②	i	(R) Students will be able to improve vocabulary knowledge.
③	i	(R) Students will be able to improve speed reading.
④	f,g,i	(W) Students will be able to make sentences, paragraphs, and essays in response to issues and themes.
⑤	f,g,i	(W) Students will be able to use comparison, narration, persuasion, process, problem solution and description writing styles.
⑥	i	(W) Students will be able to practice writing by studying samples using templates.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		10	65	25	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	55	15	0	0	0	0	80
	Ability to think, reason and create	0	10	10	0	0	0	0	20
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	0	0	0
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	10% Final exam (academic English proficiency test) including TOEIC, EIKEN, and IELTS style questions.
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	✓	25% : (Reading Strategy) In-class assignments focusing on reading skills and word forms 15% (Grammar) In-class assignments focusing on grammar and sentence structure. 15% : (Vocabulary) 5 quizzes will be given in classes 1, 3,7, 11, 15. 10% : (Extensive Reading Log) Students will read self-selected books/articles for homework 30 minutes each week for a total of 8 hours over 15 weeks. Feedback and graded assignments will be returned in class and/or online in the following week.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	25%: Students will write 4 original, distinct writing tasks, which will be graded according to the following criteria: Writing Process, Task Achievement, Cohesion and Coherence, Vocabulary, Grammar, Format. Students will submit drafts in class and typed assignments online, before the next class period. Verbal and written feedback will be given in writing conferences with the teacher during the following class.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students can apply reading skills to understand academic and non-academic texts. Students can write and organize ideas logically.	Students can use reading skills to understand reading materials in and out of class. Students can express ideas based on a controlling idea.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction: Students will read the syllabus. Reading: Unit 5 Reading 1 Writing: Grammar Quiz 1	Individual and group exercises. Discussion	Read the syllabus. Complete unfinished assignments Extensive Reading Log	30
2 /	Reading: Unit 5 Reading 2 Writing: Analyze the Model	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
3 /	Reading: Quiz 2 Writing: Plan and Write	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
4 /	Reading: Extensive Reading Writing: Feedback and Revision	Individual and group exercises. Discussion and peer conferencing.	Complete unfinished assignments Extensive Reading Log	30
5 /	Reading: Unit 6 Reading 1 Writing: Grammar	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
6 /	Reading: Unit 6 Reading 2 Writing: Analyze the Model	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
7 /	Reading: Quiz 3 Writing: Plan and Write	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
8 /	Reading: Extensive Reading Writing: Feedback and Revision	Individual and group exercises. Discussion and peer conferencing.	Complete unfinished assignments Extensive Reading Log	30
9 /	Reading: Unit 7 Reading 1 Writing: Grammar	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
10 /	Reading: Unit 7 Reading 2 Writing: Analyze the Model	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Reading: Quiz 4 Writing: Plan and Write	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
12 /	Reading: Extensive Reading Writing: Feedback and Revision, Grammar	Individual and group exercises. Discussion and peer conferencing.	Complete unfinished assignments Extensive Reading Log	30
13 /	Reading: Unit 8 Reading 1 Writing: Analyze the Model	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
14 /	Reading: Unit 8 Reading 2 Writing: Plan and Write	Individual and group exercises. Discussion	Complete unfinished assignments Extensive Reading Log	30
15 /	Reading: Quiz 5 Writing: Feedback and revision	Discussion and peer conferencing. Review and evaluate your progress and understanding.		30
16 /	Final Exam	Review and evaluate your progress and understanding.	Review the final exam.	30
17 /	Final Exam Return			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Listening and Speaking I B (Intermediate)	1	622100	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TAYLOR, James	Hakusanroku C. 101-201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Listening	Students will develop oral communication abilities for classes taught in academic English and to be able to function socially in an English-speaking environment. Students will be able to talk about communication, different types of entertainment, and time using a variety of vocabulary and grammatical structures. Also, students will improve their understanding of topics and vocabulary used in their classes.
2	Speaking	
3	Communication	
4	Study skills	
5	Presentation skills	

Course Description and Expectations for Students (10.5pt)

This course will offer group discussion and group work as types of active learning. This course emphasizes the use of basic English language for oral communication. Its main purpose is for the students to be able to exercise literacy skills including, speaking, listening, and notetaking for learning in their academic classes. Students will also be able to interact with others using English. This course will be taught through the last 3 units of a textbook.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: *Perspectives 2 (Intermediate): National Geographic Learning by (Eds). Lewis Lansford, Daniel Barber, Amanda Jefferies (National Geographic Learning) 2018.* ISBN: 978-1-337-27713-6.

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Intermediate English listening and speaking ability.

No.	Program Objectives	Target Abilities for Students (9pt)
①	f	Students will be able to greet and introduce themselves to new acquaintances and talk about emotions.
②	f	Students will be able to discuss and give opinions about hobbies, sports, and travel.
③	d, h	Students will be able to discuss and describe food, photos, work, shopping, and the human body.
④	f, i	Students will be able to recognize introductions from new acquaintances and talk about emotions.
⑤	g, f, i	Students will be able to recognize others' opinions about hobbies, sports, and travel.
⑥	d, f	Students will be able to recognize speech about food, photos, work, shopping, and the human body.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	50	25	25	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	25	5	5	0	0	0	35
	Ability to think, reason and create	0	0	5	5	0	0	0	10
	Collaboration and leadership	0	0	5	5	0	0	0	10
	Announcement / Expression / Communication	0	25	5	5	0	0	0	35
	Attitude and motivation for learning	0	0	5	5	0	0	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	∨	There will be Progress Quizzes in lessons 7 and 14. Quizzes will use IELTS-style questions. Quizzes are designed to show the progress of students' English ability during the semester. Each quiz will have a target score required to pass. Failure to achieve the minimum target score will require the student to take a retest. Quizzes will be graded and returned with feedback by the following lesson in class.
	②	∨	
	③	∨	
	④	∨	
	⑤	∨	
	⑥	∨	
Reports	①	∨	Students will do grammar/vocabulary activities in each unit, which will be graded and returned with feedback by the following lesson in class. Each unit will contain a listening activity. This will be graded and returned with feedback by the following lesson in class.
	②	∨	
	③	∨	
	④	∨	
	⑤	∨	
	⑥	∨	
Presentations	①	∨	There will be at least one speaking activity in each unit. Speaking activities will be graded and returned with feedback by the following lesson in class. Students will complete a spoken reflection exercise at the end of each unit. Reflections will be graded and returned with feedback by the following lesson in class.
	②	∨	
	③	∨	
	④	∨	
	⑤	∨	
	⑥	∨	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will work efficiently to complete tasks on time and to a high standard. Students will respond appropriately to feedback and seek help when necessary to further improve.	Students will work somewhat efficiently to complete tasks on time and to a reasonable standard. Students will respond to most feedback appropriately and occasionally seek help when necessary.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Unit 8: Effective Communication Grammar/Vocabulary	Syllabus; stations; textbook; worksheets; online activities; individual, pair, and group activities.	Review the syllabus.	30
2 /	Unit 8: Effective Communication Grammar/Vocabulary & Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit before the next lesson.	30
3 /	Unit 8: Effective Communication Listening & Speaking	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit before the next lesson.	30
4 /	Unit 8: Effective Communication Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit before the next lesson.	30
5 /	Unit 9: Unexpected Entertainment Grammar/Vocabulary	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
6 /	Unit 9: Unexpected Entertainment Grammar/Vocabulary & Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit before the next lesson.	30
7 /	Progress Quiz 1	Test questions.	Review the test questions.	30
8 /	Unit 9: Unexpected Entertainment Listening & Speaking	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit before the next lesson.	30
9 /	Unit 9: Unexpected Entertainment Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit before the next lesson.	30
10 /	Unit 10: Time Grammar/Vocabulary	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Unit 10: Time Grammar/Vocabulary & Listening	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit before the next lesson.	30
12 /	Unit 10: Time Listening & Speaking	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete unfinished classwork and submit before the next lesson.	30
13 /	Unit 10: Time Speaking & Reflection	Stations; textbook; worksheets; online activities; individual, pair, and group activities.	Complete the reflection and submit before the next lesson.	30
14 /	Progress Quiz 2	Test questions.	Review the test questions.	30
15 /	Review & Catch-up	End of course questionnaire; self-assessment activities.		

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Listening and Speaking I B (Adv)	1	622100	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	STEVENSON, Ian	Hakusanroku C.: 101.201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Listening	Students will develop oral communication abilities for classes taught in academic English and to be able to function socially in an English-speaking environment. Students will be able to talk about communication, different types of entertainment, and time using a variety of vocabulary and grammatical structures. Also, students will improve their understanding of topics and vocabulary used in their classes.
2	Speaking	
3	Communication	
4	Study skills	
5	Presentation skills	

Course Description and Expectations for Students (10.5pt)

This course will offer group work and discussion, problem solving, discovery and experiential learning as types of active learning. This course emphasizes the use of basic English language for oral communication. Its main purpose is for the students to be able to exercise literacy skills including, speaking, listening, and notetaking for learning in their academic classes. Students will also be able to interact with others using English. This course will be taught through the last 3 units of the textbook.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: *Perspectives 2 (Intermediate): National Geographic Learning by (Eds). Lewis Lansford, Daniel Barber, Amanda Jefferies (National Geographic Learning) 2018.* ISBN: 978-1-337-27713-6.

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Advanced English listening and speaking ability.

No.	Program Objectives	Target Abilities for Students (9pt)
①	f	Students will be able to greet and introduce themselves to new acquaintances and talk about emotions.
②	f	Students will be able to discuss and give opinions about hobbies, sports, and travel.
③	d, h	Students will be able to discuss and describe food, photos, work, shopping, and the human body.
④	f, i	Students will be able to recognize introductions from new acquaintances and talk about emotions.
⑤	g, f, i	Students will be able to recognize others' opinions about hobbies, sports, and travel.
⑥	d, f	Students will be able to recognize speech about food, photos, work, shopping, and the human body.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	50	25	25	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	25	5	5	0	0	0	35
	Ability to think, reason and create	0	0	5	5	0	0	0	10
	Collaboration and leadership	0	0	5	5	0	0	0	10
	Announcement / Expression / Communication	0	25	5	5	0	0	0	35
	Attitude and motivation for learning	0	0	5	5	0	0	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	∠	There will be Proficiency Quizzes in lessons 7 and 14. Quizzes will use IELTS-style questions. Quizzes are designed to show the progress of students' English ability during the semester. Each quiz will have a target score required to pass. Failure to achieve the minimum target score will require the student to take a retest. Quizzes will be graded and returned with feedback by the following lesson in class.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Reports	①	∠	Students will do grammar/vocabulary activities in each unit, which will be graded and returned with feedback by the following lesson in class. Each unit will contain a listening activity. This will be graded and returned with feedback by the following lesson in class.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Presentations	①	∠	There will be at least one speaking activity in each unit. Speaking activities will be graded and returned with feedback by the following lesson in class. Students will complete a spoken reflection exercise at the end of each unit. Reflections will be graded and returned with feedback by the following lesson in class.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will work efficiently to complete tasks on time and to a high standard. Students will respond appropriately to feedback and seek help when necessary to further improve.	Students will work somewhat efficiently to complete tasks on time and to a reasonable standard. Students will respond to most feedback appropriately and occasionally seek help when necessary.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introductions: Teacher, Syllabus, Classroom tools and expectations Unit 1 – Textbook Units 8 and 9	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
2 /	Unit 1 – Textbook Units 8 and 9	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
3 /	Unit 1 – Textbook Units 8 and 9	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
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7 /	Progress Quiz 1	Test questions.	Review the test questions.	30
8 /	Unit 2 – Textbook Unit 10 and Semester Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
9 /	Unit 2 – Textbook Unit 10 and Semester Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
10 /	Unit 2 – Textbook Unit 10 and Semester Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30

Course Schedule

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Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Unit 2 – Textbook Unit 10 and Semester Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
12 /	Unit 2 – Textbook Unit 10 and Semester Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
13 /	Unit 2 – Textbook Unit 10 and Semester Review	Stations; textbook; worksheets; online activities; individual, pair and group activities.	Completion of unfinished work and preparation for quiz	30
14 /	Progress Quiz 2	Test questions.	Review the test questions.	30
15 /	Review & Catch-up	End of course questionnaire; self-assessment activities.	Completion of unfinished work	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	English Listening and Speaking I B (Basic)	1	622100	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	BARNETSON, Hamish	Hakusanroku C.: 101.201		Tuesday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Listening	Students will develop oral communication abilities for classes taught in academic English and to be able to function socially in an English-speaking environment. Students will be able to talk about communication, different types of entertainment, and time using a variety of vocabulary and grammatical structures. Also, students will improve their understanding of topics and vocabulary used in their classes.
2	Speaking	
3	Communication	
4	Study skills	
5	Presentation skills	

Course Description and Expectations for Students (10.5pt)

This course will offer group work and discussion, problem solving, discovery and experiential learning as types of active learning. This course emphasizes the use of basic English language for oral communication. Its main purpose is for the students to be able to exercise literacy skills including, speaking, listening, and notetaking for learning in their academic classes. Students will also be able to interact with others using English. This course will be taught through the last 3 units of the textbook.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: *Perspectives 2 (Intermediate): National Geographic Learning by (Eds). Lewis Lansford, Daniel Barber, Amanda Jefferies (National Geographic Learning) 2018.* ISBN: 978-1-337-27713-6.

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Low / Lower-intermediate English listening and speaking ability.

No.	Program Objectives	Target Abilities for Students (9pt)
①	f	Students will be able to greet and introduce themselves to new acquaintances and talk about emotions.
②	f	Students will be able to discuss and give opinions about hobbies, sports, and travel.
③	d, h	Students will be able to discuss and describe food, photos, work, shopping, and the human body.
④	f, i	Students will be able to recognize introductions from new acquaintances and talk about emotions.
⑤	g, f, i	Students will be able to recognize others' opinions about hobbies, sports, and travel.
⑥	d, f	Students will be able to recognize speech about food, photos, work, shopping, and the human body.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	50	25	25	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	25	5	5	0	0	0	35
	Ability to think, reason and create	0	0	5	5	0	0	0	10
	Collaboration and leadership	0	0	5	5	0	0	0	10
	Announcement / Expression / Communication	0	25	5	5	0	0	0	35
	Attitude and motivation for learning	0	0	5	5	0	0	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①	∠	There will be Proficiency Quizzes in lessons 7 and 14. Quizzes will use IELTS-style questions. Quizzes are designed to show the progress of students' English ability during the semester. Each quiz will have a target score required to pass. Failure to achieve the minimum target score will require the student to take a retest. Quizzes will be graded and returned with feedback by the following lesson in class.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Reports	①	∠	Students will do grammar/vocabulary activities in each unit, which will be graded and returned with feedback by the following lesson in class. Each unit will contain a listening activity. This will be graded and returned with feedback by the following lesson in class.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Presentations	①	∠	There will be at least one speaking activity in each unit. Speaking activities will be graded and returned with feedback by the following lesson in class. Students will complete a spoken reflection exercise at the end of each unit. Reflections will be graded and returned with feedback by the following lesson in class.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will work efficiently to complete tasks on time and to a high standard. Students will respond appropriately to feedback and seek help when necessary to further improve.	Students will work somewhat efficiently to complete tasks on time and to a reasonable standard. Students will respond to most feedback appropriately and occasionally seek help when necessary.

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令和7年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	歴史文化IA（日本語）	1	623300	前学期	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	上田　清史	白山麓 101.201		月曜日・木曜日 16：30－17：30

授 業 科 目 の 学 習 教 育 目 標

キーワード		学習教育目標
1	近代化	近現代の歴史の変化に関わる諸事象について、世界とその中の日本を広く相互的な視野から捉え、現代的な諸問題の形成にかかわる近現代の歴史を理解するとともに、諸資料から歴史に関する様々な情報を適切かつ効果的に調べまとめる技能を身に付けるようにする。
2	産業革命	
3	国民国家	
4	帝国主義	
5	大衆化	

授業の概要および学習上の助言

歴史を学ぶための「問い」の設定や歴史叙述における資料の大切さを学ぶ。世界史と日本史への理解を同時に深めてゆく。先ず 近代化へのいくつかの「問い」をふまえつつ前近代から近代への移行過程を理解し、産業革命、国民国家の形成、帝国主義などが 世界と日本に与えた影響を考察してゆく。さらに第一次世界大戦前後の大衆社会の形成について理解を深めてゆく。

学生は自主的に五つの課題に取り組み、これら課題や講義で得た基礎知識をもとに中間テストと期末試験に備える。また、クラス内の発表があるので教員の指示に従ってテーマの選定と発表に向けての準備（リサーチを含む）を主体的に行う。

【教科書および参考書・リザーブドブック】
教科書：「私たちの歴史総合」明和社（令和４年）ISBN 9784905410584
参考書：ハンドアウト
ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：

履修に必要な予備知識や技能

日本語を読み書きする能力（日本の高校生レベル）

No.	教育目標(DP) (記号表記)	学生が達成すべき行動目標
①	c,e	歴史を学ぶための「問い」の設定や、歴史叙述と資料の重要性について説明できる。
②	c,e	前近代からの「流れ」を通して近代化の歴史的意義を説明できる。
③	c ,e	産業革命が社会に与えた影響を説明できる。
④	c,e	国民国家の形成が与えた影響を説明できる。
⑤	c,e	帝国主義と世界の植民地化が与えた影響を説明できる。
⑥	c,e	第一次世界大戦と大衆化について説明できる。

達 成 度 評 価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		20	20	20	20	0	20	0	100
総合力指標	知識を取り込む力	8	8	5	5	0	5	0	31
	思考・推論・創造する力	4	4	8	8	0	5	0	29
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	8	8	7	7	0	5	0	35
	学習に取組む姿勢・意欲	0	0	0	0	0	5	0	5

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評価方法	行動目標		評価の実施方法と注意点
試験	①	✔	定期試験。論述式問題の答案を四つの基準から評価する。①「歴史の流れ」に対する理解度。②解 答に内容における史実の正確性。③試験問題に対する解答の関係性と論理性。④簡潔な文と文章構 成。（20%）
	②	✔	
	③	✔	
	④		
	⑤		
	⑥		
クイズ 小テスト	①	✔	中間テスト。論述式問題の解答を四つの基準から評価する。①「歴史の流れ」に対する理解度。② 解答の内容における史実の正確性。③試験問題に対する解答の関係性と論理性。④簡潔な文と文章 構成。翌週の授業までに採点され返却される。（20%）
	②	✔	
	③	✔	
	④		
	⑤		
	⑥		
レポート	①	✔	５つの課題：効果的な「考え方」や「書き方」などを指導する。 課題は授業で配布され次の授業の 始まりに提出する。翌週の授業までに採点され返却される。（20%）
	②	✔	
	③	✔	
	④		
	⑤		
	⑥		
成果発表 （口頭・実技）	①		１回の発表：教員と相談した上で前学期に学んでいる歴史の内容からテーマを決定する。 個人発表 の次の点を評価する：内容、スタイル（方法）、パワーポイントなどの補助資料、資料 （史料）の 提示など。翌週の授業までに発表の評価を受ける。（20%）
	②		
	③		
	④	✔	
	⑤	✔	
	⑥	✔	
作品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①	✔	ポートフォリオにはリフレクションペーパー・配布資料（メモを取ること）・５つの課題・中間テ スト・発表の補助資料（１点）や関係のある場合はその他を添えること。これは学期末（最後の授 業）に提出する。（20%）
	②	✔	
	③	✔	
	④	✔	
	⑤	✔	
	⑥	✔	
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
歴史を学ぶための「問い」の設定や、歴史叙述と資料の重要性について説明できる。 前近代からの「流れ」を通して近代化の歴史的意義を説明できる。 産業革命が社会に与えた影響を説明できる。 国民国家の形成が与えた影響を説明できる。 帝国主義と世界の植民化が与えた影響を説明できる。 第一次世界大戦と大衆化について説明できる。	歴史を学ぶための「問い」の設定や、歴史叙述と資料の重要性について要点は述べる事ができる。 前近代からの「流れ」を通し近代化とその要点を述べる事ができる。 産業革命が社会に与えた影響とその要点を述べる事ができる 国民国家の形成が与えた影響とその要点を述べる事ができる。 帝国主義と世界の植民地化が与えた影響とその要点を述べる事ができる。 第一次世界大戦と大衆化についてその要点を述べる事ができる。

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1 ／	歴史と私たち	我々が経験している身近な問題を通して歴史への興味関心を高めるとともに日本史と世界史が深く関係している点などを中心に講義する。	ノート（プリント）を見直し補完する。	20 10
2 ／	歴史の特質と資料	歴史は多様な資料にもとづいて叙述されている点を中心に講義する。 課題①を配布する。	ノート（プリント）を見直し補完する。	20 10
3 ／	近代化への問い	近代化にともなう人々の生活や社会の変容に関するいくつかのテーマを中心に講義する。 課題①を提出する。	ノート（プリント）を見直し補完する。	20 10
4 ／	18世紀の日本とアジアの経済と社会 ①	18世紀の日本と中国における生産と流通について講義する。 課題②を配布する。	ノート（プリント）を見直して補完する。	20 10
5 ／	18世紀の日本とアジアの経済と社会 ②	アジアに広がる交易システムと西洋列強とアジアの貿易を中心に講義する。 課題②を提出する。	ノート（プリント）を見直して補完する。	20 10
6 ／	工業化の進展と世界市場の形成 ① 産業革命	産業革命の影響、交通・通信手段の革新を中心に講義する。	ノート（プリント）を見直して補完する。	20 10
7 ／	工業化の進展と世界市場の形成 ②	中国の開港、日本の開国を中心に講義する。 課題③を配布する。	ノート（プリント）を見直して補完する。	20 10
8 ／	中間テスト 立憲体制と国民国家の形成 ①	中間テスト（50分間） 主権国家の成立、国民国家の成立を中心に講義する。	中間テストの準備をする。	60 10
9 ／	立憲体制と国民国家の形成 ②	幕末から明治維新かけての過程を中心に講義する。 課題③を提出する。	ノート（プリント）を見直して補完する。	20 10
10 ／	立憲体制と国民国家の形成 ③	明治初期の施策、明治憲法の制定を中心に講義する。 課題④を配布する。	ノート（プリント）を見直して補完する。	20 10

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一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
11 ／	列強の帝国主義とアジア諸国の変容 ①	列強による世界分割と世界に広がる植民地を中心に講義する。 課題④を提出する。	ノート（プリント）を見直して補完する。	20 10
12 ／	列強の帝国主義とアジア諸国の変容 ②	日清戦争、日露戦争を中心に講義する。	ノート（プリント）を見直して 補完する。	20 10
13 ／	近代化と現代的な諸問題	近代化といくつかの現代的な諸問題を中心に講義する。 課題⑤を配布する。	ノート（プリント）を見直して 補完する。	20 10
14 ／	国際秩序の変化や大衆化への問い 明治から大正へ	国際秩序の変化や大衆化に関するいくつかのテーマを中心に講義する。 課題⑤を提出する。	ノート（プリント）を見直して補完する。	20 10
15 ／	発表	内容・発表の態度・作成資料などを評価する。	発表の準備をする 自分や他の受講者の発表について評価する。	60 10
16 ／	定期試験	定期試験（50分） 学生の歴史に対する知識と理解度を確かめる。	授業内容を学習する 試験内容・結果を確認する。	60 10
17 ／	試験返却（自己点検）			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	History and Culture IA (English)	1	623400	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	UEDA, Kiyoshi	HC 101.201		Monday/Thursday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Modernization	This course aims to guide students to grasp various phenomena with regards to changes that took place in early modern and modern periods of history, to understand how early modern and modern history affected the development of various contemporary issues, and to acquire skills to effectively research information about history from various sources and summarize it.
2	Industrial Revolution	
3	Nation-state	
4	Imperialism	
5	Rise of Popular Culture	

Course Description and Expectations for Students (10.5pt)

Students will learn the formulation of "questions" for the study of history and the significance of sources for the historical narrative. First, students will comprehend the process of transition from the premodern to modern period with some questions about modernization in mind, specifically examining the influence of the Industrial Revolution, the formation of the nation-state, imperialism, etc., on the world and Japan. Second, students will deepen their understanding of the formation of popular society before and after First World War.

Students will independently work on five assignments, preparing themselves for a mid-term test and final exam according to basic knowledge they will acquire from these assignments and lectures. Also, one presentation will take place in class; students are expected to take the initiative in selecting a topic and preparing (including research) for it.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: Handout
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to read and write English language (at the high-school level)

No.	Program Objectives	Target Abilities for Students (9pt)
①	c,e	Students will be able to explain the formulation of questions for the study of history, historical descriptions, and significance of sources.
②	c,e	Students will be able to explain the historical significance of modernization in the "flow" from the premodern period.
③	c,e	Students will be able to explain the impact of the Industrial Revolution on society.
④	c,e	Students will be able to explain the impact of the development of the nation-state.
⑤	c,e	Students will be able to explain the impacts of imperialism and colonization.
⑥	c,e	Students will be able to explain the First World War and popular culture.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		20	20	20	20	0	20	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	8	8	5	5	0	5	0	31
	Ability to think, reason, and create	4	4	8	8	0	5	0	29
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / expression / communication	8	8	7	7	0	5	0	35
	Attitude and motivation for learning	0	0	0	0	0	5	0	5

＊ The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	Final Examination. Answers to essay-type questions will be evaluated on the basis of 4 criteria. First, the level of comprehension of the "course of history" and "geographical condition." Second, the accuracy of historical facts in the contents of an answer. Third, the relevance and logic of answers to the examination question. Fourth, the use of concise sentences and good textual structure. (20%)
	②	✓	
	③	✓	
	④		
	⑤		
	⑥		
Quizzes	①	✓	Mid-Term Test. Answers to essay-type questions will be evaluated on the basis of 4 criteria. First, a level of comprehension of the "course of history." Second, the accuracy of historical facts (*shijitsu*) and facts (*jijitsu*) in the contents of an answer. Third, the relevance and logic of answers to the examination question. Fourth, the use of concise sentences and good textual structure. (20%)
	②	✓	
	③	✓	
	④		
	⑤		
	⑥		
Reports	①	✓	There will be five assignments; the instructor will explain how to think and how to write effectively. Each assignment will be distributed in class and submitted at the beginning of the next class. Assignments will be evaluated and returned the following week. (20%)
	②	✓	
	③	✓	
	④		
	⑤		
	⑥		
Presentations	①		There will be one presentation at the end of the semester. Students will choose topics from what they are learning in the first semester in consultation with the instructor. Individual presentations will be evaluated on the following points: contents, style, method, supporting material such as power-point, the indication of sources, the role of an individual presenter for the group, etc. The presentation will be evaluated and returned the following week. (20%)
	②		
	③		
	④	✓	
	⑤	✓	
	⑥	✓	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①	✓	The portfolio must include a reflection paper, all handouts, 5 assignments, supporting material for one presentation, and other work when relevant. Work will be comprehensively evaluated, together with students' volition and attitudes to learning. Students will submit the portfolio by the end of the semester. (20%)
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will be able to explain: • formulation of questions for the study of history, historical description, and significance of sources; • historical significance of modernization in the context of "flow" from the premodern period; • the impact of the Industrial Revolution on society; • the impact of the development of the nation-state; • the impact of imperialism and colonization; • First World War and popular culture.	Students can explain the main points of: • formulation of questions for the study of history, historical description, and significance of sources; • historical significance of modernization in the context of "flow" from the premodern period; • the impact of the Industrial Revolution on society; • the impact of the development of the nation-state; • the impact of imperialism and colonization; • First World War and popular culture.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	History and us	Lecture on enhancing our interest in and awareness of history via familiar issues that we are experiencing and the points where Japanese history and world history are closely linked.	Review course contents.	20 10
2 /	Characteristics of history and sources	Lecture on how history is narrated on the basis of various sources. Distribute assignment ①	Review course contents.	20 10
3	Questions on modernization	Lecture on some themes in people's lives and the transformation of society associated with modernization. Submit assignment ①	Review course contents.	20 10
4	Economy and society of Japan and Asia during the 18th century ①	Lecture on production and distribution in Japan and China during the 18th century. Distribute assignment ②	Review course contents.	20 10
5 /	Economy and society of Japan and Asia during the 18th century ②	Lecture on trading system spreading around Asia and Western powers' trade in Asia. Submit assignment ②	Review course contents.	20 10
6 /	Progress in industrialization and development of world market ① Industrial Revolution	Lecture on influence of Industrial Revolution and renovation of transportation and communication.	Review course contents.	20 10
7 /	Progress in industrialization and development of world market ②	Lecture on opening of ports in China and opening of the nation in Japan. Distribute assignment ③	Review course contents.	20 10
8 /	Mid-term test Constitutionalism and development of nation-state ①	Mid-term test (50 minutes) Lecture on establishment of the sovereign state and establishment of the nation-state.	Prepare for mid-term test.	60 10
9 /	Constitutionalism and development of nation-state ②	Lecture on the process from the Bakumatsu period to Meiji Restoration. Submit assignment ③	Review course contents.	20 10
10 /	Constitutionalism and development of nation-state ③	Lecture on policies of early Meiji and establishment of Meiji Constitution. Distribute assignment ④	Review course contents.	20 10

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Imperialism of Great Powers and transformation of various Asian nations ①	Lecture on partition of the world by Great Powers and colonies spreading around the world. Submit assignment ④	Review course contents.	20 10
12 /	Imperialism of Great Powers and transformation of various Asian nations ②	Lecture on Sino-Japanese War and Russo-Japanese War.	Review course contents.	20 10
13 /	Modernization and various contemporary issues	Lecture on modernization and various contemporary issues. Distribute assignment ⑤	Review course contents.	20 10
14	Questions about change in the international order and popular culture	Lecture on some themes with regards to change of international order and popular culture. Submit assignment ⑤	Review course contents.	20 10
15 /	Presentation	Evaluate contents, students' manner of presentation, prepared material, etc.	Prepare presentation.	60 10
16 /	Final Exam	Final Exam (50 minutes) Evaluate students' overall understanding of the subject.	Study overall course contents. Review exam contents.	60 10
17 /	Self-check			

令和7年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 選択	歴史文化IB（日本語）	1	623500	後学期	講義／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	上田　清史	白山麓 101.201		月曜日・木曜日 16：30－17：30

授 業 科 目 の 学 習 教 育 目 標

キーワード		学習教育目標
1	総力戦・国際協調	近現代の歴史の変化に関わる諸事象について、世界とその中の日本を広く相互的な 視野から捉え、現代的な諸問題の形成にかかわる近現代の歴史を理解するとともに、 諸資料から歴史に関する様々な情報を適切かつ効果的に調べまとめる技能を身に付けるようにする。
2	大衆化	
3	経済危機	
4	グローバル化	
5	冷戦	

授業の概要および学習上の助言

後学期では第一次世界大戦から冷戦締結とその後までを広くカバーする。先ずは二つの世界大戦の原因や国内・国際社会に与えた影響を考察する。また戦後期のグローバル化に対するいくつか「問い」を軸として冷戦期の分断する世界と日本の復興などを捉えてゆく。また近現代史を振り返りつつ冷戦締結後の新しい国際秩序について考えてゆく。

学生は自主的に五つの課題に取り組み、これら課題や講義で得た基礎知識をもとに中間テストと期末試験に備える。また、クラス内の発表があるので教員の指示に従ってテーマの選定と発表に向けての準備（リサーチを含む）を主体的に行う。

【教科書および参考書・リザーブドブック】
教科書：「私たちの歴史総合」明和社（令和４年）
参考書：　ハンドアウト
ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：

履修に必要な予備知識や技能

日本語を読み書きする能力（日本の高校生レベル）
歴史文化IA（日本語）

№	教育目標(DP) （記号表記）	学生が達成すべき行動目標
①	c,e	総力戦と第一次世界大戦後の国際協調体制の成立を説明できる。
②	c,e	大衆社会の形成とその影響について説明できる。
③	c,e	経済危機と第二次世界大戦について説明できる。
④	c,e	グローバル化の長所とその諸問題を説明できる。
⑤	c,e	冷戦期の分断する世界と日本の民主化・経済復興を説明できる。
⑥	c,e	近現代史を振り返りつつ冷戦締結後の新しい世界秩序について考えることが出来る。

達 成 度 評 価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		20	20	20	20	0	20	0	100
総合力指標	知識を取り込む力	8	8	5	5	0	5	0	31
	思考・推論・創造する力	4	4	8	8	0	5	0	29
	コラボレーションとリーダーシップ	0	0	0	0	0	0	0	0
	発表・表現・伝達する力	8	8	7	7	0	5	0	35
	学習に取組む姿勢・意欲	0	0	0	0	0	5	0	5

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評価方法	行動目標		評価の実施方法と注意点
試験	①		定期試験。論述式問題の答案を四つの基準から評価する。①「歴史の流れ」に対する理解度。②解答の内容における史実の正確性。③試験問題に対する解答の関係性と論理性。④簡潔な文と文章構成。（20%）
	②		
	③		
	④	✔	
	⑤	✔	
	⑥	✔	
クイズ 小テスト	①	✔	中間テスト。論述式問題の解答を四つの基準から評価する。①「歴史の流れ」に対する理解度。②解答の内容における史実の正確性。③試験問題に対する解答の関係性と論理性。④簡潔な文と文章構成。（20%）
	②	✔	
	③		
	④		
	⑤		
	⑥		
レポート	①	✔	５つの課題：効果的な「考え方」や「書き方」などを指導する。 課題は授業で配布され次の授業の始まりに提出する。翌週の授業までに採点され返却される。 （20%）
	②	✔	
	③	✔	
	④	✔	
	⑤	✔	
	⑥	✔	
成果発表 （口頭・実技）	①		１回の発表：教員と相談した上で後学期に学んでいる歴史の内容からテーマを決定する。 個人発表の次の点を評価する：内容、スタイル（方法）、パワーポイントなどの補助資料、資料 （史料）の提示など。翌週の授業までに発表の評価を受ける。（20%）
	②		
	③		
	④	✔	
	⑤	✔	
	⑥	✔	
作品	①		
	②		
	③		
	④		
	⑤		
	⑥		
ポートフォリオ	①	✔	ポートフォリオにはリフレクションペーパー・配布資料（メモを取ること）・５つの課題・中間テスト・発表の補助資料（１点）や関係のある場合はその他を添えること。これは学期末（最後の授業）に提出する。（20%）
	②	✔	
	③	✔	
	④	✔	
	⑤	✔	
	⑥	✔	
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
総力戦と第一次世界大戦後の国際協調体制の成立を説明できる。 大衆社会の形成とその影響について説明できる。 経済危機と第二次世界大戦について説明できる。 グローバル化の長所とその諸問題を説明できる。 冷戦期の分断する世界と日本の民主化・経済復興を説明できる。 近現代史を振り返りつつ、冷戦締結後に新しい世界秩序の構築が模索されていることを説明できる。	総力戦と第一次世界大戦後の国際協調体制の成立の要点について述べる事ができる。 大衆社会の形成とその影響の要点について述べる事ができる。 経済危機と第二次世界大戦の要点について述べる事ができる。 グローバル化の長所とその諸問題の要点について述べる事ができる。 冷戦期の分断する世界と日本の民主化・経済復興の要点について述べる事ができる。 近現代史を振り返りつつ、冷戦締結後に新しい世界秩序の構築が模索さ れていることを知る。

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1 ／	総力戦と第一次世界大戦後の国際協調体制	第一次世界大戦の展開、日本やアジアの経済成長を中心に講義する。	ノート（プリント）を見直して補完する。	20 10
2 ／	総力戦と第一次世界大戦後の国際協調体制	ソビエト連邦の成立や米国の台頭を中心に講義する。 課題①を配布する。	ノート（プリント）を見直して補完する。	20 10
3 ／	大衆社会の形成と社会運動の広がり	大衆の政治参加と女性の地位向上、大正デモクラシーと政党政治を中心に講義する。 課題①を提出する。	ノート（プリント）を見直して補完する。	20 10
4 ／	大衆社会の形成と社会運動の広がり	大量消費社会と大衆文化、教育の普及、マスメディアの発達を中心に講義する。 課題②を配布する。	ノート（プリント）を見直して補完する。	20 10
5 ／	経済危機と第二次世界大戦 国際協調体制の動揺	世界恐慌、ファシズムの台頭、日本の動揺と対外政策を中心に講義する。 課題②を提出する。	ノート（プリント）を見直して補完する。	20 10
6 ／	経済危機と第二次世界大戦 第二次世界大戦後の国際秩序と日本の国際社会への復帰	第二次世界大戦と日本の参戦、国際連合の成立とブレントン＝ウッズ体制を中心に講義する。	ノート（プリント）を見直して補完する。	20 10
7 ／	経済危機と第二次世界大戦 第二次世界大戦後の国際秩序と日本の国際社会への復 帰	冷戦の始まりと東アジアの動向、連合軍の戦後改革、講和条約の締結、日本の独立回復について講義する。	ノート（プリント）を見直して補完する。	20 10
8 ／	中間テスト グローバル化への問い	中間テスト（50分間） 7つの問いを中心に講義する。 課題③を配布する。	中間テストの準備をする。	60 10
9 ／	冷戦と世界経済 国際政治の変容	脱植民地化と非同盟国、冷戦下の地域紛争と日本の戦後処理を中心に講義する。 ① 課題③を提出する。	ノート（プリント）を見直して補完する。	20 10
10 ／	冷戦と世界経済 国際政治の変容	脱植民地化と非同盟国、冷戦下の地域紛争と日本の戦後処理を中心に講義する。 ②	ノート（プリント）を見直して補完する。	20 10

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
11 ／	国際経済の拡大と日本の高度成長期	地域連携が進む西ヨーロッパと東南アジア、社会主義経済の広がり、高度成長期下の日本を中心に講義する。	ノート（プリント）を見直して補完する。	20 10
12 ／	世界秩序の変容と日本 市場経済の変容と課題	2度の石油危機、アジア諸地域の経済発展を中心に講義する。	ノート（プリント）を見直して補完する。	20 10
13 ／	市場経済の変容と課題	市場開放と経済の自由化、情報通信技術の発展を中心に講義する	ノート（プリント）を見直して補完する。	20 10
14 ／	冷戦終結後の国際政治の変容と課題	冷戦の終結、民主化の進展、地域統合の拡大、地域紛争への対応を中心に講義する。	ノート（プリント）を見直して補完する	20 10
15 ／	発表	内容・発表の態度・作成資料などを評価する。	発表の準備をする	60 10
16 ／	定期試験	定期試験（50分）	授業内容を学習する 試験内容・結果を確認する。	60 10
17 ／	試験返却（自己点検）			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Elective	History and Culture IB (English)	1	623600	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	UEDA, Kiyoshi	HC 101.201		Monday/Thursday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Total War	This course aims to guide student to grasp various phenomena with regards to changes that took place in the early modern and modern periods of history, to understand how early modern and modern history affected the development of various contemporary issues, and to acquire skills to effectively research information about history from various sources and summarize it.
2	International Cooperation	
3	Popular Culture	
4	Economic Crisis	
5	Globalization	
6	Cold War	

Course Description and Expectations for Students (10.5pt)

In the second semester, this course will broadly cover the period from the First World War to the end of the Cold War and beyond. First, it will examine the origins of two world wars and their effects on domestic societies and international communities. It will go on to study the divided world during the Cold War and the reconstruction of Japan from the perspectives of several questions on globalization in the postwar period. Finally, the course will advance to the new international order after the end of the Cold War by reflecting on early modern and modern history.

Students will independently work on five assignments, preparing themselves for a mid-term test and final exam according to basic knowledge they will acquire from these assignments and lectures. Also, one presentation will take place in class; students are expected to take the initiative in selecting a topic and in preparing (including research) for it.

Required Materials (textbooks, reference books, reserved books) (10.5pt)
Textbooks: Handout
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Ability to read and write English language (at the high-school level)
History and Culture IA (English)

No.	Program Objectives	Target Abilities for Students (9pt)
①	c,e	Students will be able to explain the idea of total war and the establishment of the system of international cooperation after the First World War.
②	c,e	Students will be able to explain the formation of mass society and its effects.
③	c,e	Students will be able to explain economic crisis and the Second World War.
④	c,e	Students will be able to explain the merits of globalization and its problems.
⑤	c,e	Students will be able to explain the divided world during the Cold War and the democratization and economic reconstruction of Japan.
⑥	c,e	Students will be able to give their thoughts about the new world order after the Cold War by reflecting on early modern/modern history.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		40	0	20	20	0	20	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	0	5	8	0	5	0	28
	Ability to think, reason and create	15	0	8	4	0	5	0	32
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / expression / communication	10	0	7	8	0	5	0	30
	Attitude and motivation for learning	5	0	0	0	0	5	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		Final Examination. Answers to essay-type questions will be evaluated on the basis of 4 criteria. First, a level of comprehension of the "course of history" and "geographical condition." Second, the accuracy of historical facts in the contents of an answer. Third, the relevance and logic of answers to the examination question. Fourth, the use of concise sentences and good textual structure. (20%)
	②		
	③		
	④	✓	
	⑤	✓	
	⑥	✓	
Quizzes	①	✓	Mid-Term Test. Answers to essay-type questions will be evaluated on the basis of 4 criteria. First, a level of comprehension of the "course of history" and "geographical condition." Second, the accuracy of historical facts (*shijitsu*) and facts (*jijitsu*) in the contents of an answer. Third, the relevance and logic of answers to the examination question. Fourth, the use of concise sentences and good textual structure. (20%)
	②	✓	
	③		
	④		
	⑤		
	⑥		
Reports	①	✓	There will be five assignments; the instructor will explain how to think and how to write effectively. Each assignment will be distributed in class and submitted at the beginning of the next class. Assignments will be evaluated and returned the following week. (20%)
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		There will be one presentation at the end of the semester. Students will choose topics on the "course of history" and "geographical condition" in consultation with the instructor. Individual presentations will be evaluated on the following points: contents, style, method, supporting material such as power-point, the indication of sources, the role of an individual presenter for the group, etc. The presentation will be evaluated and returned the following week. (20%＋20%＝40%)
	②		
	③		
	④	✓	
	⑤	✓	
	⑥	✓	
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①	✓	The portfolio must include a reflection paper, all handouts, 5 assignments, supporting material for one presentation, and other work when relevant. Work will be comprehensively evaluated, together with students' volition and attitudes to learning. Students will submit the portfolio by the end of the semester. (20%)
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will be able to explain: • the idea of total war and the establishment of the system of international cooperation after the First World War; • the formation of mass society and its effects; • economic crisis and the Second World War; • merits and problems of globalization; • the divided world during the Cold War and democratization and economic reconstruction of Japan; • the new world order after the end of the Cold War by reflecting on early modern/modern history.	Students can discuss the main points of: • the idea of total war and the establishment of the system of international cooperation after the First World War; • the formation of mass society and its effects; • economic crisis and the Second World War; • merits and problems of globalization; • the divided world during the Cold War and the democratization and economic reconstruction of Japan; • the new world order after the end of the Cold War by reflecting on early modern/modern history.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Total war and the system of international cooperation after the First World War	Lecture on development of the First World War and the economic growth of Japan and Asia.	Review course contents.	20 10
2 /	Total war and the system of international cooperation after the First World War	Lecture on establishment of the Soviet Union and the rise of the United States. Distribute assignment ①	Review course contents.	20 10
3	Development of mass society and spread of social movements	Lecture on mass participation in politics and the improvement of the status of women, Taisho Democracy, and party politics. Submit assignment ①	Review course contents.	20 10
4 /	Development of mass society and spread of social movements	Lecture on mass consumer society and mass culture, popularization of education, and development of mass media. Distribute assignment ②	Review course contents.	20 10
5 /	Economic crisis and the Second World War Disturbance to the system of international cooperation	Lecture on the World Depression, the rise of Fascism, Japan's disturbance, and its external policies. Submit assignment ②	Review course contents.	20 10
6 /	Economic crisis and the world order after the Second World War Japan's return to the international community	Lecture on the Second World War and Japan's participation, establishment of the League of Nations and Breton-Woods System.	Review course contents.	20 10
7 /	Economic crisis and the world order after the Second World War Japan's return to the international community	Lecture on the onset of the Cold War and the trend in Asia, the Allies' postwar reform, conclusion of peace treaty, and restoration of Japan's independence.	Review course contents.	20 10
8 /	Mid-term test Various questions on globalization	Mid-term test (50 minutes) Lecture on 7 questions. Distribute assignment ③	Prepare for mid-term test.	60 10
9 /	The Cold War and world economy Transformation of international politics	Lecture on the process of decolonization and nonaligned nations, regional conflicts in the Cold War, and postwar processes of Japan. ① Submit assignment ③	Review course contents.	20 10
10 /	The Cold War and world economy Transformation of international politics	Lecture on the process of decolonization and nonaligned nations, regional conflicts in the Cold War, and postwar processes of Japan. ②	Review course contents.	20 10

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Expansion of international economy and Japan's period of high economic growth	Lecture on Western Europe and Southeast Asia where regional cooperation was underway, the spread of the socialist economy. Distribute assignment ④	Review course contents.	20 10
12 /	Transformation of world order and Japan's transformation into a market economy and its challenges	Lecture on two oil crises and economic development of various regions of Asia. Submit assignment ④	Review course contents.	20 10
13 /	Transformation of world order and Japan's transformation into a market economy and its challenges	Lecture on open market and economic liberalization and the development of information technology. Distribute assignment ⑤	Review course contents.	20 10
	Transformation of international politics after the end of the Cold War	Lecture on the ending of the Cold War. Submit assignment ⑤	Review course contents.	20 10
15 /	Presentation	Evaluate contents, students' manner of presentation, prepared material, etc.	Prepare presentation.	60 10
16 /	Final Exam	Final Exam (50 minutes) Evaluate students' overall understanding of the subject.	Study overall course contents. Review exam contents.	60 10
17 /	Self-check			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Precalculus A	2	611000	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	KIHARA, Hitoshi	Hakusanroku C :101. 201		(M-F) 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Sets	Students will be able to manipulate algebraic expressions, rational expressions, equations and inequalities using properties of real numbers, define a function and its properties, graph functions via graphing transformation techniques, combine functions through algebraic operations and composition of functions, determine if functions are one to one by the Horizontal line test, and define inverse functions, its properties and graph.
2	Algebraic Expressions	
3	Rational Expressions	
4	Function Transformations	
5	Inverse Functions	

Course Description and Expectations for Students (10.5pt)

In this course, we will study the real numbers thoroughly, starting with the idea of a set. We will pay close attention to the properties of real numbers, exponents and radicals. We will then talk about algebraic and rational expressions, which then lead to the idea of an equation. We will then study complex numbers and inequalities. Finally, we will introduce the idea of a function, the graph of a function, terminology of functions like domain and range, transformation techniques for graphing functions, the algebra of functions, composition of functions, one-to-one functions and inverse functions.
This course will offer peer teaching in class as a type of active learning.

Required Materials (textbooks, reference books, reserved books) (10.5pt)
Textbooks: Pre-Calculus Mathematics for Calculus 7th Edition by James Stewart (Brooks/Cole Pub Co) ISBN-13: 978-1305071759
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Students need to have a basic understanding of numbers and operations on numbers.
It is advised that students should feel comfortable asking questions in and outside of the class. Further, students should take the worksheet problems in class serious in order to understand the topics covered in class. Students should eventually understand that making mistakes is crucial for their learning.

No.	Program Objectives	Target Abilities for Students (9pt)
①	a, g, i	Students will be able to manipulate algebraic and rational expressions, equations and inequalities.
②	a, d, g, i	Students will be able to define a function, understand its properties and graph.
③	a, d, f, g	Students will be able to graph functions via techniques of graphing transformations.
④	a, d, g, i	Students will be able to combine functions through algebraic operations and composition of functions.
⑤	a, d, g, i	Students will be able to determine if a function is one-to-one by the horizontal line test.
⑥	a, g, i	Students will be able to define an inverse function, understand its properties and graph.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		30	50	20	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	15	25	5	0	0	0	0	45
	Ability to think, reason and create	15	25	5	0	0	0	0	45
	Collaboration and leadership	0	0	5	0	0	0	0	5
	Announcement / Expression / Communication	0	0	5	0	0	0	0	5
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	There will be one exam, the final exam which will cover material for latter half of this semester. It is worth 30% of your final grade. It is crucial that you study all your notes, homework and quizzes before a test.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Quizzes	①	✓	There will be one quiz each lecture which will cover material from the previous lesson. The average of all your quizzes will be your final score which is worth 20% of your final grade. These quizzes are meant to make sure you are keeping up with the class. And there will be one mid-term test which will cover material for former half of this semester. It is worth 30% of your grade, so 50% of your final grade will be obtained through these quizzes and mid-term test.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	Students will have to submit a HW/worksheet assignment each lecture. The grading criteria will be based on whether or not you have checked your answer and have corrected your mistakes completely. In total, your assignment will equate to 20% of your final grade.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are curious, ask a lot of questions and show willingness to try new ideas, no matter of failure. Students further understand that making mistakes is crucial to learning and go back and correct any mistakes they encountered in their work/HW/quizzes/exams. In essence, students learn the procedure of learning.	Students address their weaknesses in specific topics and form a plan in order to succeed in Calculus.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Syllabus/Class Introduction Introduce the syllabus and the rules for the class.	Lecture	Review: Read the syllabus. Preparation: Read Section 1.1.	30
2 /	Sets Part I Understand the idea of a set and set relations.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.1.	30
3 /	Sets Part II Understand the properties of real numbers and set-builder notation.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.1.	30
4 /	Real Numbers Understand the subsets of real numbers and several ways of expressing them.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.1.	30
5 /	Absolute value and Decimal representation Understand the absolute value and decimal representation of real numbers.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.1.	30
6 /	Exponents Understand exponential notation, laws of exponents and how to write a number in scientific notation.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.2.	30
7 /	Radicals Understand the definition of the nth root and properties of the nth root. Also, understand the definition of rational exponents and how to rationalize the denominator.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.2.	30
8 /	Algebraic Expressions Part I Understand what an algebraic expression is. Understand algebraic terminology for polynomials. Also, understand special product formulas and how to multiply polynomials by the distributive property.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.3.	30
9 /	Algebraic Expressions Part II Understand the following factoring techniques: by common factors, trinomials, special formulas and by grouping.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.3.	30
10 /	Rational Expressions Part I Understand what a rational expression is. Understand the definition of the domain of an algebraic expression. Also, understand how to simplify rational expressions and how to multiply and divide rational expressions.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.4.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Rational Expressions Part II Understand how to add and subtract rational expressions.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.4.	30
12 /	Rational Expressions Part III Understand how to compound fractions and how to rationalize the denominator or numerator.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.4.	30
13 /	Equations Part I Understand the properties of equality, linear equations, quadratic equations and the zero-product property.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.5.	30
14 /	Equations Part II Understand how to complete the square, the quadratic formula and the discriminant.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.5.	30
15 /	Equations Part III Understand how to solve the rational equations.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.5.	30
16 /	Equations Part IV Understand how to solve the radical equations.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.5.	30
17 /	Summary and review of unclear parts in the previous topics.	Quiz Review all worksheets and ask any question for any difficult problem.	Review the topics studied in the previous classes Review all the worksheets problems	30
18 /	Mid-term test	A quick review. Have the mid-term test.	Review all the worksheets problems.	90
19 /	Complex Numbers Part I Understand the definition of a complex number and arithmetic operations on complex numbers.	Mid-term test return Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.6.	30
20 /	Complex Numbers Part II Understand square roots of negative numbers and how we can get complex solutions for quadratic equations.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.6.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Inequalities Understand rules of inequalities, how to solve linear inequalities and non-liner inequalities.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 1.8.	30
22 /	Functions Understand the definition of a function, how to analyze a function, how to evaluate a function.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 2.1.	30
23 /	Graphs of Functions Part I Understand the definition of a graph, how to draw a graph of a function by plotting points for: $x^2, \sqrt{x}, x, x^3, \sqrt[3]{x}$ and for piece-wise functions: $\lvert x\rvert, \lceil x\rceil, \lfloor x\rfloor$.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 2.2.	30
24 /	Graphs of Functions Part II Understand the vertical line test, how to obtain the domain and range from a graph.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 2.2.	30
25 /	Transformations of Functions Part I Understand how to graph a function by vertical and horizontal shifts. Also, understand how to reflect graphs about the x-axis and the y-axis.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 2.6.	30
26 /	Transformations of Functions Part II Understand how to graph functions by vertical stretching and shrinking. Also, by horizontal stretching and shrinking.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 2.6.	30
27 /	Combining Functions Understand the algebra of functions and the composition of functions.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 2.7.	30
28 /	One-to-One Functions and their Inverses Part I Understand the definition of a one-to-one function and how to determine if a function is one-to-one by the horizontal line test. Also, understand what it means to be an inverse function and the inverse function property.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 2.8.	30
29 /	One-to-One Functions and their Inverses Part II Understand how to find the inverse of a function and how to graph the inverse of a function.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 2.8.	30
30 /	Review for Final Exam	Self-Study / Q&A	Review for Final Exam.	30
31 /	Final exam		Review all materials	120
32 /	Final exam return			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Precalculus B	2	611100	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	KIHARA, Hitoshi	Hakusan-roku C :101. 201		(M-F) 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Polynomial Functions	Students will be able to define a quadratic function and its graph, learn about the general polynomial of degree n and its basic graphs, divide polynomials by long division and synthetic division, define a rational function and learn about its properties and graph, define an exponential function and learn about its properties and graph, and define a logarithmic function and learn about its properties and graph.
2	Dividing Polynomials	
3	Rational Functions	
4	Exponential Functions	
5	Logarithmic Functions	

Course Description and Expectations for Students (10.5pt)

This course will continue with the ideas of pre-calculus, starting with quadratic functions. We will have a thorough study of quadratic functions, polynomial functions, their properties and graphs. We will then learn how to divide polynomials by the division algorithm and learn how to completely factor a polynomial by the Fundamental Theorem of Algebra and the Complete Factorization Theorem. We will then talk about Rational Functions and partial fraction decomposition. The other half of the class will focus on exponential functions, their graphs and properties, as well as logarithmic functions, their graphs and properties.
This course will offer peer teaching in class as a type of active learning.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: Pre-Calculus Mathematics for Calculus 7th Edition by James Stewart (Brooks/Cole Pub Co) ISBN-13: 978-1305071759
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Students need to have a good understanding about the topics covered in the previous class about functions.
It is advised that students should feel comfortable asking questions in and outside of the class. Further,
students should take the worksheet problems in class serious in order to understand the topics covered in class. Students should eventually understand that making mistakes is crucial for their learning.

No.	Program Objectives	Target Abilities for Students (9pt)
①	a, g, i	Students will be able to define a quadratic function, its properties and graph.
②	a, d, g, i	Students will be able to define a polynomial function of degree n, its properties and basic graphs.
③	a, d, f, g	Students will be able to divide polynomials by long division and by synthetic division.
④	a, d, g, i	Students will be able to define a rational function, its properties and graph.
⑤	a, d, g, i	Students will be able to define an exponential function, its properties and graph.
⑥	a, g, i	Students will be able to define a logarithmic function, its properties and graph.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		30	50	20	0	0	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	15	25	5	0	0	0	0	45
	Ability to think, reason and create	15	25	5	0	0	0	0	45
	Collaboration and leadership	0	0	5	0	0	0	0	5
	Announcement / Expression / Communication	0	0	5	0	0	0	0	5
	Attitude and motivation for learning	0	0	0	0	0	0	0	0

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	There will be one exam, the final exam which will cover material for latter half of this semester. It is worth 30% of your final grade. It is crucial that you study all your notes, homework and quizzes before a test.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Quizzes	①	✓	There will be one quiz each lecture which will cover material from the previous lesson. The average of all your quizzes will be your final score which is worth 20% of your final grade. These quizzes are meant to make sure you are keeping up with the class. And there will be one mid-term test which will cover material for former half of this semester. It is worth 30% of your grade, so 50% of your final grade will be obtained through these quizzes and mid-term test.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	Students will have to submit a HW/worksheet assignment each lecture. The grading criteria will be based on whether or not you have checked your answer and have corrected your mistakes completely. In total, your assignment will equate to 20% of your final grade.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are curious, ask a lot of questions and show willingness to try new ideas, no matter of failure. Students further understand that making mistakes is crucial to learning and go back and correct any mistakes they encountered in their work/HW/quizzes/exams. In essence, students learn the procedure of learning.	Students address their weaknesses in specific topics and form a plan in order to succeed in Calculus.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Syllabus/Class Introduction Quadratic Functions Part I Understand the general and standard form of a quadratic function.	Lecture Worksheet	Review: Read the syllabus. Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.1.	30
2 /	Quadratic Functions Part II Understand maximum and minimum values of quadratic functions.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.1.	30
3 /	Polynomial Functions and their Basic Graphs I Understand the definition of a polynomial of degree n, how to graph monomials using graphing transformations and the end behavior of polynomials.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.2.	30
4 /	Polynomial Functions and their Basic Graphs II Understand how to use zeros to graph a polynomial function.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.2.	30
5 /	Dividing Polynomials Part I Understand how to do long division of polynomials by the division algorithm.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.3.	30
6 /	Dividing Polynomials Part II Understand how to divide of polynomials by synthetic division and how to transform the answer in the form of $P(x)=Q(x)\times D(x)+R(x)$.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.3.	30
7 /	Dividing Polynomials Part III Understand how to use the Remainder Theorem and the Factor Theorem.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.3.	30
8 /	Rational Zeros of Polynomials Understand how to use the Rational Zeros Theorem to find the rational zeros of a polynomial.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.4.	30
9 /	Complex Zeros and the Fundamental Theorem of Algebra Part I Understand how to use the Fundamental Theorem of Algebra and the Complete Factorization Theorem in order to factor a polynomial completely.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.5.	30
10 /	Complex Zeros and the Fundamental Theorem of Algebra Part II Understand the Conjugate Zeros Theorem and how it helps us to find polynomials with specified zeros.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.5.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Rational Functions Part I Understand the definition of a rational function. Understand how graphing the simple rational function $y = \frac{1}{x}$ helps us define the vertical and horizontal asymptotes.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.6.	30
12 /	Rational Functions Part II Understand how to find vertical asymptotes, horizontal asymptotes, domain and range of a rational function. Also, understand the three cases for horizontal asymptotes.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.6.	30
13 /	Rational Functions Part III Understand how to graph rational functions by using x-int, y-int and asymptotes.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.6.	30
14 /	Rational Functions Part IV Understand the definition of holes and slant asymptotes and how to graph rational functions.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.6.	30
15 /	Polynomial & Rational Inequalities Understand how to solve polynomial and rational inequalities.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 3.7.	30
16 /	Partial Fractions Understand how to perform partial fraction decomposition	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 10.7.	30
17 /	Summary and review of unclear parts in the previous topics.	Quiz Review all worksheets and ask any question for any difficult problem.	Review the topics studied in the previous classes Review all the worksheets problems	30
18 /	Mid-term test	A quick review. Have the mid-term test.	Review all the worksheets problems.	90
19 /	Exponential Functions Part I Understand the definition of an exponential function, its graph and its properties. Also, understand how to graph exponential functions by techniques of graphing transformations.	Mid-term test return Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.1.	30
20 /	Exponential Functions Part II Understand the definitions of the number e, and how to find the values of the natural exponential function. Also, understand how to graph the natural exponential function by techniques of graphing transformations.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.2.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Exponential Functions Part III Understand the compound interest formula and the continuously compound interest formula	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.2.	30
22 /	Logarithmic Functions Part I Understand the definition of the logarithmic function and be able to use the definition to convert from an exponential equation to a logarithmic equation. Understand the notion of a common logarithm and a natural logarithm and properties of logarithms.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.3.	30
23 /	Logarithmic Functions Part II Understand how to graph logarithmic functions by techniques of graphing transformations.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.3.	30
24 /	Laws of Logarithms Part I Understand the laws of logarithms and how to use them to expand and combine logarithms. Also, understand how to evaluate logarithmic expressions using laws of logarithms.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.4.	30
25 /	Laws of Logarithms Part II Understand how to use the change of base formula.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.4.	30
26 /	Exponential Equations Understand how to solve exponential equations.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.5.	30
27 /	Logarithmic Equations Understand how to solve logarithmic equations	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.5.	30
28 /	Exponential and Logarithmic Inequalities Understand how to solve inequalities	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.5.	30
29 /	Modeling with Exponential Functions and Logarithmic Scales Understand how to model with exponential functions and logarithmic functions.	Quiz Lecture Worksheet	Review: Finish worksheet/HW. Prepare the quiz. Preparation: Read Section 4.6.	30
30 /	Review for Final Exam	Self-Study / Q&A	Review for Final Exam.	30
31 /	Final exam		Review all materials	120
32 /	Final exam return			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Fundamental Mathematics A	2	611400	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	WOHLFARTH, Brandon KIHARA, Hitoshi	Hakusanroku C :101.201		

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Lines	The goal of this course in to gather an understanding of fundamental techniques and relationships within mathematics. This course specifically deals with mathematical interpretation, both graphically and using calculations, of different geometric shapes like, lines, circles, and triangles. Students will learn the relationships and will be able to practice and implement them through problem solving.
2	Circles	
3	Trigonometric Functions	
4	Unit Circle	
5	Trigonometric Identities	

Course Description and Expectations for Students (10.5pt)

The purpose of this course is to teach the fundamental mathematical skills that will be required in future classes, not only in mathematics but in other courses related to S.T.E.M.

In this course:

- Students should submit all exercises and quizzes.
- All late submissions will result in a decrease in the score on that assignment.
- All classes will be conducted in English.
- Students will submit class notes.

This class builds on important mathematical concepts that will be used throughout your time at ICT. If there is a topic that you do not understand please ask a classmate, a learning mentor, or schedule a meeting with one of the teachers so that we can help.

Required Materials (textbooks, reference books, reserved books) (10.5pt)
Textbooks: "Pre-Calculus: Mathematics for Calculus 7th Edition"(CENGAGE LEARNING) ISBN 978-1-305-07175-9
Reference books: "Higher Level Mathematics 2012 Edition" (PEARSON) ISBN 978-0-435-07496-8
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Basic mathematical skills from junior high school mathematics courses.

No.	Program Objectives	Target Abilities for Students (9pt)
①	h,i	Students will be able to write the equations and graph lines and circles.
②	h,i	Students will be able to use trigonometric functions to solve problems.
③	h,i	Students will be able to use trigonometric identities to simplify and solve equations.
④	h,i	Students will be able to use the unit circle to solve problems using trigonometry.
⑤	h,i	Students will be able to connect the concepts learned with how they can be used in other subjects as well as in mathematics.
⑥	d,h,i	Students will be able to complete assignments and use study skills to review material learned throughout the course.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		20	45	25	0	0	10	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	25	10	0	0	0	0	45
	Ability to think, reason and create	10	20	15	0	0	0	0	45
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	5	0	5
	Attitude and motivation for learning	0	0	0	0	0	5	0	5

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	There is an exam at the end of the semester, worth 20% of your overall grade in the course, which contains the content covered in the second half of the course.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Quizzes	①	✓	At the beginning of a new topic, there will be a quiz about the previous topic as marked in the syllabus. These quizzes are worth a total of 25% of the total score in the course. There is a mid-term test which covers the content in the first half of the course. This test is worth 20% of the overall grade in the course.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	Each class students will receive an exercise containing problems relevant to the topics discussed in the course. Students should complete this exercise in class unless stated by the instructor.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		In class students will take notes. At the beginning of each month, their notes will be checked for completeness and accuracy.
	②		
	③		
	④		
	⑤		
	⑥	✓	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will be able to interpret and utilize trigonometric identities and properties in order to solve problems. Students will interpret and make the graphs of different shapes and understand the connections these methods share. Students will understand the how trigonometric identities are derived and can select which identities can be used in a variety of problem settings.	Students will be able to use trigonometric functions to solve problems. Students will be able to graph different shapes. Students will be able to understand the different between different trigonometric identities.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Course Introduction and Syllabus Introduction of Lines ➢ Distance/Midpoint Formula ➢ Finding equation of a line	Lecture and Exercise	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 1.10	10 20
2 /	Graphing Lines ➢ Slope Intercept Form ➢ Graphing Lines	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 1.10	10 20
3 /	Equation for Parallel and Perpendicular Lines	Lecture and Exercise Quiz	Review, complete exercise	10
4 /	Equation of a Circle ➢ General Form of a Circle ➢ From 3 Points	Lecture and Exercise Quiz	Review, complete exercise	10
5 /	Circles and Tangent Lines	Lecture and Exercise Quiz	Review, complete exercise	10
6 /	Introduction to Pythagorean Theorem	Lecture and Exercise Quiz	Review, complete exercise	10
7 /	Introduction to Trigonometry ➢ Angles ➢ Arc Length and Sectors	Lecture and exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 6.1	10 20
8 /	Right Triangles ➢ Trigonometric functions ➢ Special Triangles	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 6.2	10 20
9 /	Right Triangles ➢ Area of a Triangle ➢ Inverse Trig Functions	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 6.4	10 20
10 /	Solving Problems with Right Triangles	Exercise Quiz	Review, complete exercise	10

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Trigonometric Functions with Coordinates ➢ Reference Angle	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 6.3	10 20
12 /	The Unit Circle	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 5.1	10 20
13 /	Review for Midterm Test	Exercise Quiz	Review, complete exercise	10
14 /	Midterm Test	Test	Review, complete exercise	10
15 /	Law of Sine ➢ Definition of Law of Sine	Lecture and Exercise	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 6.5	10
16 /	Law of Sine	Lecture and Exercise	Review, complete exercise	10
17 /	Law of Cosine	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 6.6	10 20
18 /	Law of Cosine	Lecture and Exercise	Review, complete exercise	10
19 /	Pythagorean Identities	Lecture and Exercise Quiz	Review, complete exercise	10
20 /	Trigonometric Identities	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 7.1	10 20

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Solving Trigonometric Equations	Lecture and Exercise Quiz	Review, complete exercise	10
22 /	Trigonometry Operations ➢ Addition Formula	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 7.2	10 20
23 /	Trigonometry Operations ➢ Subtraction Formula	Lecture and Exercise Quiz	Review, complete exercise	10 20
24 /	Solving Equations using Addition and Subtraction Formulas	Exercise Quiz	Review, complete Exercise	
25 /	Trigonometry Operations ➢ Double-Angle	Lecture and Exercise	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 7.3	10 20
26 /	Trigonometry Operations ➢ Half-Angle	Lecture and Exercise Quiz	Review, complete exercise	10 20
27 /	Trigonometry Operations ➢ Product-Sum	Lecture and Exercise Quiz	Review, complete exercise	10 20
28 /	Solving Equations using Trig Identities	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 7.4	10 20
29 /	Solving Equations using Trig Identities	Exercise	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 7.5	10 20
30 /	Review for Final Exam	Exercise Quiz	Review, complete exercise	30
31 /	Final Exam			
32 /	Return Final Exam Score			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Fundamental Mathematics B	2	611500	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	WOHLFARTH, Brandon KIHARA, Hitoshi	Hakusanroku C :101.201		

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Trigonometric Graphs	The goal of this course in to gather an understanding of fundamental techniques and relationships within mathematics. This course specifically deals with inequalities as well as understanding sets of events or numbers through the study of sequences, probability, and statistics. Students will be able to practice and implement them through problem solving.
2	Inequalities	
3	Sequences	
4	Probability	
5	Statistics	

Course Description and Expectations for Students (10.5pt)

The purpose of this course is to teach the fundamental mathematical skills that will be required in future classes, not only in mathematics but in other courses related to S.T.E.M.

In this course:
- Students should submit all exercises and quizzes.
- All late submissions will result in a decrease in the score on that assignment.
- All classes will be conducted in English.
- Students will submit class notes.

This class builds on important mathematical concepts that will be used throughout your time here at ICT. If there is a topic that you do not understand please ask a classmate, a learning mentor, or schedule a meeting with one of the teachers so that we can help.

Required Materials (textbooks, reference books, reserved books) (10.5pt)
Textbooks: "Pre-Calculus: Mathematics for Calculus 7th Edition"(CENGAGE LEARNING) ISBN 978-1-305-07175-9
Reference books: "Higher Level Mathematics 2012 Edition" (PEARSON) ISBN 978-0-435-07496-8
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Basic mathematical skills from junior high school mathematics courses.
Skills and concepts from Fundamental Mathematics A

No.	Program Objectives	Target Abilities for Students (9pt)
①	h,i	Students will be able to numerically calculate inequalities.
②	h,i	Students will be able to understand different statistical terms and techniques.
③	h,i	Students will be able to use probability analysis to find different values.
④	h,i	Students will be able to create graphs for trigonometry functions.
⑤	h,i	Students will be able to connect the concepts learned with how they can be used in other subjects as well as in mathematics.
⑥	d,h,i	Students will be able to complete assignments and use study skills to review material learned throughout the course.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		20	45	25	0	0	10	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	10	25	10	0	0	0	0	45
	Ability to think, reason and create	10	20	15	0	0	0	0	45
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	5	0	5
	Attitude and motivation for learning	0	0	0	0	0	5	0	5

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	There is an exam at the end of the semester, worth 20% of your overall grade in the course, which contains the content covered in the second half of the course.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Quizzes	①	✓	At the beginning of a new topic, there will be a quiz about the previous topic as marked in the syllabus. These quizzes are worth a total of 25% of the total score in the course. There is a mid-term test which covers the content in the first half of the course. This test is worth 20% of the overall grade in the course.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	Each class students will receive an exercise containing problems relevant to the topics discussed in the course. Students should complete this exercise in class, but if specified by the course instructor, then it should be completed by the date designated. There will be a data analysis mini-project.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		In class students will take notes. At the beginning of each month, their notes will be checked for completeness and accuracy.
	②		
	③		
	④		
	⑤		
	⑥	✓	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students will be able to understand numerically the solutions to inequalities of different types of functions. Students are able to create and understand graphs of trigonometry functions. Students will be able to understand and use statistical properties to evaluate a real data set. Students will be able to use probability terms and methods to analyze different types of situations.	Students will be able to calculate inequalities of standard functions. Students will be able to calculate different statistical values. Students will be able to calculate key values in probability.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Review of Fundamental Mathematics A	Lecture and Exercise	Review, complete exercise	10
2 /	Graphing Trigonometric Functions ➢ Sine Function ➢ Cosecant Function	Lecture and Exercise	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 5.3 & 5.5	10 20
3 /	Graphing Trigonometric Functions ➢ Cosine Function ➢ Secant Function	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 5.3 & 5.5	10 20
4 /	Graphing Trigonometric Functions ➢ Tangent Function ➢ Cotangent Function	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 5.4 & 5.5	10 20
5 /	Linear and Quadratic Inequalities	Lecture and Exercise Quiz	Review, complete exercise	10
6 /	Trigonometric Inequalities	Lecture and Exercise Quiz	Review, complete exercise	10
7 /	Linear Programming	Lecture and exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 10	10 20
8 /	Introduction to Sequences	Lecture and exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 12.1	10 20
9 /	Introduction to Summation	Lecture and exercise Quiz	Review, complete exercise	10
10 /	Arithmetic Sequences	Lecture and exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 12.2	10 20

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Geometric Sequences 1	Lecture and exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 12.3	10 20
12 /	Geometric Sequences 2	Lecture and exercise	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 12.4	10 20
13 /	Mathematical Induction	Lecture and exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 12.5	10 20
14 /	The Binomial Theorem	Lecture and exercise Quiz	Review, complete exercise DUE: Read “Pre-Calculus” textbook section 12.6	10 20
15 /	Review for Midterm Test	Exercise Quiz	Review, complete exercise	10 20
16 /	Midterm Test	Test	Review, complete exercise	10
17 /	Randomness	Lecture and Exercise	Review, complete exercise DUE: Read “Mathematics” textbook section 12.1	10 20
18 /	Probability Terms ➢ Tree and Grid Diagrams ➢ Venn Diagrams	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Mathematics” textbook section 12.2 & 12.3	10 20
19 /	Counting Principles (Permutations)	Lecture and Exercise Quiz	Review, complete exercise	10 20
20 /	Counting Principles (Combinations)	Lecture and Exercise Quiz	Review, complete exercise	10 20

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Outcomes ➢ Probability Rules and Mutually Exclusive Events	Lecture and Exercise Quiz	Review, complete exercise	10 20
22 /	Geometric Probability	Lecture and Exercise Quiz	Review, complete exercise	10 20
23 /	Independent Events and Conditional Probability	Exercise Quiz	Review, complete exercise DUE: Read “Mathematics” textbook section 12.4	10 20
24 /	Multiplication Rules of Conditional Probability	Lecture and Exercise Quiz	Review, complete exercise	10 20
25 /	Bayes’ Theorem	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Mathematics” textbook section 12.5	10 20
26 /	Importance of Statistics and Definitions of Statistical Terms ➢ Mean, Median, and Mode of Data	Lecture and Exercise	Review, complete exercise DUE: Read “Mathematics” textbook section 11.1 & 11.2	10 20
27 /	Range, Variance, and the Standard Deviation Percentile and Quartiles of data Box Plots	Lecture and Exercise Quiz	Review, complete exercise DUE: Read “Mathematics” textbook section 11.3	10 20
28 /	Data and Control Charts Mini-Project	Lecture and Exercise Quiz	Review, work on project	10
29 /	Data and Control Charts Mini-Project	Lecture and Exercise	Review, work on project	10
30 /	Review for Final Exam	Exercise	Review, complete exercise	30
31 /	Final Exam			
32 /	Return Final Exam Score			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Fundamental Physics A	1	611800	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	WOHLFARTH, Brandon ITO, Meguru	Hakusanroku C: 101.201		

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Physics	Physics cultivates the ability to think systematically and logically about phenomena that are important to learning natural science and engineering. In this course, students will expand their knowledge of forces and the basics of understanding motion of objects in a two-dimensional space. Students will also learn the basics of mathematical analysis.
2	One Dimensional Motion	
3	Projectile Motion	
4	Equilibrium	
5	Newton's Laws	

Course Description and Expectations for Students (10.5pt)

In this course,

- Students must submit all exercises, quizzes and preview checks.
- Late submission may reduce a students' score on that assignment.
- All classes are conducted in English.
- Students have to take notes and submit them each month.

Advices for students:

- Fundamental Physics A is a course that forms the base of Fundamental Physics B and future physics course. Be sure to understand the content. If you have any questions, ask during classes, learning sessions, and/or speak with a teacher during posted office hours.
- This course consists of preparations (preview check), classes (exercises/class work/quiz), and reviews. Be sure to work on preparations because understanding during classes will improve greatly.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Knowledge of science corresponding to junior high school
Fundamental skills of calculation

No.	Program Objectives	Target Abilities for Students (9pt)
①	h,i	Students will be able to understand significant figures.
②	h,i	Students will be able to understand both one- and two-dimensional motion.
③	h,i	Students will be able to understand Newton's 2nd Law.
④	h,i	Students will be able to understand Newton's 3rd Law.
⑤	d,h,i	Students will be able to understand physical phenomena through demonstrations.
⑥	i	Students will be able to participate classes actively and review what you achieved.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		40	20	20	0	0	10	10	100
Comprehensive Strength Criteria	Ability to capture knowledge	20	10	10	0	0	0	0	40
	Ability to think, reason and create	20	10	10	0	0	0	0	40
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	0	5	5
	Attitude and motivation for learning	0	0	0	0	0	10	5	15

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	This course has one final exam, that covers all course content. The final exam is worth 40% of the total points in the course.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥		
Quizzes	①	✓	After the completion of each content section there will be a short quiz to check understanding of the topic covered.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥		
Reports	①	✓	Each class students will receive an exercise containing problems relevant to the topics discussed in the course. Most course topics will have a preview check that students will do for preparation. Students should complete this exercise in class unless otherwise stated by the instructor.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		In class students will take notes. At the beginning of each month, their notes will be checked for completeness and accuracy.
	②		
	③		
	④		
	⑤		
	⑥	✓	
Others	①		Students will complete in class feedback notes at the end of each class throughout the quarter.
	②		
	③		
	④		
	⑤		
	⑥	✓	

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are able to correctly understand actual phenomena correctly through physical interpretations of class concepts. Students are able to calculate physical values for natural phenomena using formulae. Students are able to understand units and their dimensions for each physical value.	Students are able to understand phenomena. Students are able to solve questions correctly. Students are able to understand units of physical values.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Guidance Significant Figures	Lecture and exercise	Read syllabus and review lecture material Complete preview check if necessary Finishing exercise	10 20
2 /	One-Dimensional Motion-Horizontal ➢ Displacement, velocity, and acceleration ➢ Introduction of kinematic equation	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
3 /	One-Dimensional Motion-Vertical ➢ Introduction to acceleration due to gravity	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
4 /	Vectors ➢ Definition of vectors ➢ Graphical and mathematical combination of vectors ➢ Trigonometry	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
5 /	Projectile Motion ➢ Component vectors ➢ Launch angle and trajectory	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
6 /	Projectile Motion ➢ Review and practice projectile motion	Exercise	Finishing exercise/Preview Check if needed	10
7 /	Projectile Motion ➢ Review and practice projectile motion	Exercise	Finishing exercise/Preview Check if needed	10
8 /	Relative Velocity ➢ Defining relative velocity ➢ Motion review	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
9 /	Forces and Newton's 1st Law ➢ Defining forces ➢ Free body diagrams ➢ Defining inertia ➢ Defining Newton's 1st Law	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
10 /	Newton's 1st Law Demonstration	Demonstration	Finishing demonstration Complete preview check if necessary	10

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Action and Reaction Forces with Newton's 3rd Law ➢ Defining friction ➢ Defining weight and normal forces	Lecture and Exercise Quiz	Finishing exercise/Preview Check if needed	10
12 /	Newton's 3rd Law Demonstration	Demonstration	Finishing demonstration Complete preview check if necessary	10
13 /	Newton's 2nd Law ➢ Defining net force and Newton's 2nd Law ➢ Simple machines ➢ Equilibrium	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
14 /	Newton's 2nd Law ➢ Practice and review	Lecture and exercise	Finishing exercise/Preview Check if needed	10
15 /	Review	Exercise Quiz	Review for final exam	10
16 /	Final Exam			
17 /	Return Final Exam Scores			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Fundamental Physics B	2	611900	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	WOHLFARTH, Brandon ITO, Meguru	Hakusanroku C: 101.201		

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Work, Power, and Mechanical Energy	Physics cultivates the ability to think systematically and logically about phenomena that are important to learning natural science and engineering. In this course, students will be able to further develop their understanding of forces and motion learned in Fundamental Physics A through learning concepts across different mediums.
2	Momentum and Impulse	
3	Circular Motion	
4	Fluid Mechanics	
5	Conservation Laws	

Course Description and Expectations for Students (10.5pt)

In this course,

- Students must submit all exercises, quizzes and preview checks.
- Late submission may reduce a students' score on that assignment.
- All classes are conducted in English.
- Students have to take notes and submit them each month.

Advices for students:

- Fundamental Physics B is a course that forms the base for future physics courses. Be sure to understand the content. If you have any questions, ask during classes, learning sessions, and/or speak with a teacher during posted office hours.
- This course consists of preparations (preview check), classes (exercises/class work/quiz), and reviews. Be sure to work on preparations because understanding during classes will improve greatly.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Knowledge of Fundamental Physics A
Fundamental skills of calculation

No.	Program Objectives	Target Abilities for Students (9pt)
①	h,i	Students will be able to understand mechanical energy.
②	h,i	Students will be able to understand momentum and impulse.
③	h,i	Students will be able to understand circular and rotational motion.
④	h,i	Students will be able to understand the fundamentals of fluid mechanics
⑤	d,h,i	Students will be able to understand physical phenomena through hands on demonstrations.
⑥	i	Students will be able to participate classes actively and review what you achieved.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		40	20	20	0	0	10	10	100
Comprehensive Strength Criteria	Ability to capture knowledge	20	10	10	0	0	0	0	40
	Ability to think, reason and create	20	10	10	0	0	0	0	40
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	0	5	5
	Attitude and motivation for learning	0	0	0	0	0	10	5	15

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	This course has one final exam, that covers all course content. The final exam is worth 40% of the total points in the course.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥		
Quizzes	①	✓	After the completion of each content section there will be a short quiz to check understanding of the topic covered.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥		
Reports	①	✓	Students will receive exercises containing problems relevant to the topics discussed in the course. Each course topic will have a preview check covering that information. Students should complete this exercise in class unless otherwise instructed.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①		In class students will take notes. At the beginning of each month, their notes will be checked for completeness and accuracy.
	②		
	③		
	④		
	⑤		
	⑥	✓	
Others	①		Students will complete in class feedback notes at the end of each class throughout the quarter.
	②		
	③		
	④		
	⑤		
	⑥	✓	

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are able to correctly understand actual phenomena correctly through physical interpretations of class concepts. Students are able to calculate physical values for natural phenomena using formulae. Students are able to understand units and their dimensions for each physical value.	Students are able to understand phenomena. Students are able to solve questions correctly. Students are able to understand units of physical values.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Guidance Review of Fundamental Physics A	Lecture and exercise	Finishing exercise/Preview Check if needed	10
2 /	Rotational Kinematics ➢ Defining tangential velocity and acceleration ➢ Defining angular velocity and acceleration ➢ Understanding total acceleration	Lecture and exercise	Finishing exercise/Preview Check if needed	10
3 /	Centripetal Acceleration and Centripetal Force ➢ Defining circular motion ➢ Defining centripetal acceleration ➢ Defining centripetal force	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
4 /	Newton's Law of Gravitation ➢ Defining Newton's Law of Gravitation ➢ Understanding gravitational forces between two objects ➢ Calculating the acceleration due to gravity	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
5 /	Torque ➢ Definition of torque ➢ Understanding sum of torques	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
6 /	Torque ➢ Review and practice sum of torques	Lecture and exercise	Finishing exercise/Preview Check if needed	10
7 /	Torque/Sum of Moments Practice and Demonstration	Demonstration	Finishing Demonstration/ Preview Check if needed	10
8 /	Inertia and Center of Gravity ➢ Defining center of gravity ➢ Defining rotational inertia	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
9 /	Torque ➢ Defining Newton's 2nd Law with torques	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
10 /	Torque ➢ Simple Machines	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Work and Power ➢ Defining work and power ➢ Understand direction of work	Lecture and exercise	Finishing exercise/Preview Check if needed	10
12 /	Work and Power Demonstration	Demonstration	Finishing Demonstration /Preview Check if needed	10
13 /	Kinetic Energy ➢ Defining kinetic energy ➢ Relationship between work and kinetic energy	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
14 /	Rotational Kinetic Energy ➢ Defining rotational kinetic energy	Lecture and exercise	Finishing exercise/Preview Check if needed	10
15 /	Potential Energy ➢ Defining gravitational potential energy ➢ Defining elastic potential energy	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
16 /	Conservation of Mechanical Energy ➢ Defining conservation of energy with no work	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
17 /	Conservation of Mechanical Energy ➢ Defining conservation of energy with work	Lecture and exercise	Finishing exercise/Preview Check if needed	10
18 /	Conservation of Mechanical Energy ➢ Review and practice conservation of mechanical energy	Exercise	Finishing exercise/Preview Check if needed	10
19 /	Momentum and Impulse ➢ Defining momentum and impulse ➢ Understanding the relationship between momentum and impulse	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
20 /	Conservation of Momentum ➢ Defining conservation of momentum ➢ Understanding different types of collisions	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Conservation of Momentum ➢ Defining coefficient of restitution	Lecture and exercise	Finishing exercise/Preview Check if needed	10
22 /	Conservation of Momentum Experiment	Experiment	Finishing experiment/ Preview Check if needed	10
23 /	Conservation of Momentum ➢ Review and practice conservation of momentum	Lecture and Exercise	Finishing exercise/Preview Check if needed	10
24 /	Rotational Dynamics ➢ Defining angular momentum ➢ Understanding conservation of angular momentum	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
25 /	Rotational Dynamics ➢ Review and practice conservation of angular momentum	Lecture and exercise	Finishing exercise/Preview Check if needed	
26 /	Fluid Properties and Buoyant Force ➢ Defining different fluid properties ➢ Defining buoyant force	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
27 /	Fluid Pressure ➢ Definition of pressure ➢ Understand pressure at different depths	Lecture and exercise	Finishing exercise/Preview Check if needed	10
28 /	Fluid Dynamics ➢ Defining conservation of mass in pipes ➢ Defining Bernoulli’s Equation	Lecture and exercise Quiz	Finishing exercise/Preview Check if needed	10
29 /	Fluid Dynamics ➢ Review and practice fluid dynamics	Lecture and exercise	Finishing exercise/Preview Check if needed	10
30 /	Review	Exercise Quiz	Review for final exam	
31 /	Final Exam			

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
32 /	Returning Final Exam Scores			

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Fundamental Chemistry A	2	612200	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	RASHED, Nagwa Fekri ITO, Meguru	Hakusanroku C 101.201		Friday 16:40~

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Matter	Learning Chemistry is essential for students of science and technology. In this course, students will learn about matter and energy from both the macro and micro viewpoints. Students will learn classifications and properties of matter. Then, they will learn about atomic structure and understand the mechanism of chemical bonding and interaction. They will be able to understand the characteristics of substances present in nature or industrially synthesized.
2	Physical vs. chemical change	
3	Atomic structure	
4	Periodic table	
5	Chemical bonding	

Course Description and Expectations for Students (10.5pt)

Fundamental Chemistry A will include interactive lectures, lab demonstrations, problem-solving exercises, group experiments, peer teaching, investigative learning, and reflective learning, which are types of active learning.

For better course achievements, please consider the following:
- Students` safety comes first, so be constantly aware of your safety by following the Safety in the Chemistry Lab Rules.
- Check eSyllabus regularly for updates.
- Preview the specified sections in the textbook and other resources before attending class.
- Keep taking notes during the class time.
- Participate actively in the discussions by asking questions and sharing your ideas with teachers and classmates.

To build your portfolio, Keep all the materials, such as class notes, experiment reports, and other assignments, in a folder.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: SAVVAS Chemistry (SAVVAS) ISBN 978-1-323-21353-7
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

- Analysis and problem-solving
- Time management and organization
- Written and oral communication
- Monitoring/maintaining records and data
- Teamwork and research

No.	Program Objectives	Target Abilities for Students (9pt)
①	d, h, i	Students will be able to explore the importance and nature of chemistry as a core science.
②	d, h, i	Students will be able to analyze the nature of matter and its classifications.
③	d, h, i	Students will be able to access and find information displayed in the periodic table of elements.
④	d, h, i	Students will be able to relate the electron configuration and valence electrons with ion formation.
⑤	d, h, i	Students will be able to connect ion-formation to ionic bonds and ionic compounds.
⑥	d, h, i	Students will be able to explore the nature of covalent bonding and molecular shapes.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		30	20	15	0	0	20	15	100
Comprehensive Strength Criteria	Ability to capture knowledge	15	10	4	0	0	5	4	38
	Ability to think, reason, and create	15	10	4	0	0	5	4	38
	Collaboration and leadership	0	0	0	0	0	0	3	3
	Announcement / Expression / Communication	0	0	3	0	0	5	0	8
	Attitude and motivation for learning	0	0	4	0	0	5	4	13

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	-The final exam is a cumulative exam for all chapters/topics taught.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Quizzes	①	✓	- A test on the lab equipment & safety rules will be held. - Chapter General Tests will be held for each chapter. - A test on the names and symbols of the first 36 elements in the periodic table will be held. - A lab practical on the flame test experiment will be held.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	Students are expected to do the following: − Include lesson title, student`s full name, and number at the top of each assignment page. − Submit self-checked answers to the assigned textbook and worksheet Qs on time. − Turn in any other online assignments on eSyllabus on time. (A 10 % deduction is applied in the case of delay in submitting an assignment per day delay.)
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①	✓	- The purpose of the portfolio is to provide evidence of student`s chemistry knowledge, learning development, process skills, and attitudes. - Portfolio evaluation is based on documentation of learning evidence, themed- research and reflective journal entries that reflect students' understanding of the learning skills they have gained. (Refer to the Portfolio Grading Criteria on eSyllabus)
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Others	①	✓	Grading criteria of this section are as follows (Refer to the Note Taking Rubric on eSyllabus): 1- Clear and organized class notes showing all the covered topics. 2- Clear and organized lab reports of the performed experiments 3- Response in a proper manner to orally asked Qs by teachers or classmates 4- Safety procedures are followed at all times. 5- Cleanliness of laboratory and hygiene that leads to efficiency in all procedures and class time.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are able to: - answer and give explanations of the essential questions by applying the taught chemistry knowledge and concepts. - design and perform experiments safely to find solutions or propose an explanation. - apply their problem-solving skills to solve complex problems whose solutions require multiple steps. - analyze, evaluate, or design a solution to a real-world problem by connecting their gained chemistry knowledge to daily lives and other subjects or fields of study	Students are able to: -answer the essential questions by applying the taught chemistry knowledge. - perform experiments safely, make observations, analyze given data, and use scientific thinking to draw conclusions - apply their problem-solving skills to solve problems whose solutions require multiple steps. - to connect their gained chemistry knowledge to daily lives and other subjects or fields of study.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	The Scope of Chemistry - Explain why the scope of chemistry is so vast. - Identify five traditional areas of study in chemistry.	- Lab Equipment & Safety Rules Test. - Lecture - Class Activity	- Prepare for Lab Equipment & Safety Rules Test - Answer Lesson 1.1 Book Qs.	30
2 /	Chemistry and You - Identify three general reasons to study chemistry. -Identify some outcomes of modern research in chemistry.	- Lecture - Class Activity	- Read and summarize Book p. 9 - Answer Lesson 1.2 Book Qs.	30
3 /	Thinking like a scientist - Identify three steps in the scientific method - Explain the role collaboration and communication play in science.	- Lecture - Quick Lab Bubbles	- Read Quick Lab “Bubbles” p. 17 - Answer Lesson 1.3 Book Qs. - Prepare for Chapter 1 General Test.	30
4 /	Properties of Matter - Explain why all samples of matter have the same intensive properties. - Identify the three states of matter. - Classify physical change.	- Chapter 1 General Test - Lecture - Sates of Matter Simulation	- Read and annotate Lesson 2.1 - Answer Lesson 2.1 Book Qs.	30
5 /	Mixtures - Explain how mixtures can be classified. - Explain how mixtures can be separated.	- Lecture - Separating mixtures experiments.	- Read and prepare for Quick Lab” Separating mixtures” p.39 - Read “Recycled Mixtures” p.52-53 - Answer Lesson 2.2 Book Qs.	30
6 /	Elements and Compounds - Explain the difference between an element and a compound. -Distinguish between a substance and a mixture.	- Lecture - Teacher Demo - Practice problems - Exercises	- Read and annotate Lesson 2.3 - Start memorizing symbols and names of the first 36 elements in the periodic table	30
7 /	Elements and Compounds - Explain how chemists use chemical symbols and chemical formulas.	- Pretest on Elements - Lecture - Exercises	- Memorize symbols and names of the first 36 elements in the periodic table - Answer lesson 2.3 Book Qs.	30
8 /	Chemical Reactions -Identify the four possible clues that a chemical change has taken place are. -Law of conservation of mass.	- Test on Elements - Lecture - Teacher Demo	- Read Lesson 2.4 - Answer Lesson 2.4 Book Qs.	30
9 /	Chemical Reactions - Observe chemical changes.	- Experiment - Small Scale Lab “1+2+3= Black” p.51.	- Read Small Scale Lab p.51 - Prepare for Chapter 2 General Test.	30
10 /	Defining the Atom - Explain how Democritus and John Dalton described atoms. - Identify instruments used to observe individual atoms.	- Chapter 2 General Test. -Quick Lab to describe what is in a closed box. - Lecture - Exercises	-What devices are used to see individual atoms in Japan? - Answer Lesson 4.1 Book Qs.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Structure of the nuclear atom - Identify three types of subatomic particles. - Describe the structure of atoms according to the Rutherford model.	- “Rutherford`s Gold Foil Experiment” “Cathode Ray Tube” Kinetic Art	- Read Electron Microscopy p.110-111 - The Story of the Atom (Part 1)	30
12 /	Distinguishing Among Atoms - Explain what makes one element different from another. - Explain how isotopes of an element differ.	- Lecture - Practice problems - Exercises	- Review the names, symbols, and atomic numbers of the first 36 elements. - Answer Lesson 4.3 Book Qs.	30
13 /	Distinguishing Among Atoms - Calculate the atomic mass of an element. - Explain the meaning of atomic mass and the atomic mass unit.	- Test on Elements - Lecture - Practice problems - Exercises	- Search for the most abundant isotopes. -Prepare for Chapter 4 General Test	30
14 /	Revising the atomic Models - Describe what Bohr proposed in his model of the atom.	- Chapter 4 General Test - Lecture - Bohr Atomic Model - “Atomic orbitals” Kinetic Art.	- Search about Niels Bohr and Erwin Schrodinger	30
15 /	Revising the atomic Models - Describe what the quantum mechanical model determines about the electron configurations of elements. - Explain how sublevels of principle energy levels differ.	- Lecture - Group Activity	- Read Development of Atomic Models p. 133 - Answer Lesson 5.1 Book Qs	30
16 /	Electron arrangement in Atoms - List and apply three rules for writing the electron configurations of elements.	- Lecture - Exercises Complete the electron configuration of the first 36 elements.	- What is the difference between energy levels, sublevels, and atomic orbitals? - Read and prepare for Flame Test Lab	30
17 /	Atomic Emission Spectra - Explain what causes atomic emission spectra.	- Lecture - Flame test experiment	- Prepare for Flame Test Lab Practical - Prepare for Chapter 5 General Test and Lab Practical	30
18 /	Lab Practical - Demonstrate lab procedure and safety rules awareness.	- Chapter 5 General Test - Lab Practical	- Review flame colors of different metals. -Read “Light Emitting Diodes” p. 146	30
19 /	Organizing Elements - Describe how Mendeleev organized his periodic table. -Describe how the modern periodic table is organized. -Identify three broad classes of elements.	- Lecture - Exercises	- Search about J. W. Dobereiner and Dmitri Mendeleev. - Answer Lesson 6.1 Book Qs.	30
20 /	Classifying the Elements - List the types of information that can be displayed in the periodic table. -Classify elements based on electron configuration.	- Lecture - Practice problems - Exercises	- Review electron configuration in groups. - Answer Lesson 6.2 Book Qs.	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Periodic Trends - Describe trends among elements for atomic size. - Explain how ions form. -Describe periodic trends for first ionization energy, ionic size, and electronegativity.	- Lecture - Interpret Graphs - Exercises	- Read Elements of Life p. 183 - Answer Lesson 6.3 Book Qs.	30
22 /	Periodic Trends - Find information on the periodic table. - Use periodic trends to compare between atoms.	- Lecture - Group Game	- Review Chapter 6. - Prepare for Chapter 6 General Test.	30
23 /	Ions - Determine the number of valence electrons in an atom of a representative element. -Describe how cations and anions form. - Write electron configuration for various transition metals and their ion	- Chapter 6 General Test. - Lecture - Small Scale Lab: Electron Configuration of ions	- Read Small-Scale Lab p. 200 - Answer Lesson 7.1 Book Qs.	30
24 /	Ionic bonds and ionic compounds - Explain the electrical charge for an ionic compound. - Describe the properties of ionic compounds.	- Lecture - Practice Problems - Exercises	- Read Ionic Crystals p. 208 and Quick Lab p.207 - Answer Lesson 7.2 Book Qs	30
25 /	Bonding in metals - Model the valence electrons of metal atoms. -Describe the arrangement of atoms of a metal. - Explain the importance of alloys.	- Lecture - “Metals vs Ionic Compounds” Kinetic Art. - Exercises	- Review properties of metals - Answer Lesson 7.3 Book Qs. -Prepare for Chapter 7 General Test	30
26 /	Molecular Compounds - Identify the information a molecular formula provides. -Describe the representative units that define molecular compounds and ionic compounds	- Chapter 7 General Test - Lecture - Activity	- Review electron dot structure. - Answer Lesson 8.1 Book Qs.	30
27 /	The Nature of Covalent Bonding - Explain the result of electron sharing in covalent bonds. -Describe how coordinate covalent bonds are different from other covalent bonds. - Identify some exceptions to the octet rule.	- Lecture - Quick Lab - Exercises	- Read Quick Lab p. 238 - Answer Lesson 8.2 Book Qs.	30
28 /	Bonding Theories - Describe the relationship between atomic and molecular orbitals. - Describe how VSEPR theory helps predict the shape of molecules. - Explain orbital hybridization in molecules	- Lecture - Class activity to make molecular models.	- Review atomic orbitals - Answer Lesson 8.3 Book Qs.	30
29 /	Polar Bonds and Molecules - Describe how the electronegativity values determine the charge distribution in a polar molecule. - Evaluate the strength of intermolecular attractions	- Lecture - Lab Demo	- Review electronegativity - Answer Lesson 8.4 Book Qs. - Prepare for Chapter 8 General Test	30
30 /	General Review - Review Chapters 1,2, 4, 5, 6, 7 and 8	- Chapter 8 General Test - Evaluating and reflecting on the progress of one's own learning. - School Questionnaire	- Prepare for the Final Exam - Finalize the Portfolio	

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
31 /	Final Exam	- Evaluating the progress of one's learning. - Submit the finalized portfolios.		
32 /	Returning Final Exam results	- Return graded exams and portfolios - Evaluating and reflecting on the progress of one's own learning.		

2025 Syllabus

Instructor with "＊" means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Fundamental Chemistry B	2	612300	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	RASHED, Nagwa Fekri ITO, Meguru	Hakusanroku C 101.201		Friday 16:40-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Stoichiometry	In this course, students will learn about moles as a method of quantifying substances. They will be able to explain the quantitative relationships in various types of chemical reactions and understand the nature of chemical processes and their applications. Students will also be able to relate the state of matter to the kinetic theory. Students will be able to explain how aqueous systems form according to the unique properties of water.
2	Types of chemical reaction	
3	states of matter	
4	kinetic theory	
5	Aqueous systems	

Course Description and Expectations for Students (10.5pt)

Fundamental Chemistry B will include interactive lectures, lab demonstrations, problem-solving exercises, group experiments, peer teaching, investigative learning, and reflective learning, which are types of active learning.

For better course achievements, please consider the following:
- Students` safety comes first, so be always aware of your safety by following the Safety in the Chemistry Lab Rules.
- Check eSyllabus regularly for updates.
- Preview the specified sections in the textbook and other resources before attending class.
- Keep taking notes during the class time.
- Participate actively in discussions by asking questions and sharing your ideas with teachers and classmates.
- To build your portfolio, keep all the materials, such as class notes, experiment reports, and other assignments, in a folder.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks: SAVVAS Chemistry (SAVVAS) ISBN 978-1-323-21353-7
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

- Analysis and problem-solving
- Time management and organization
- Written and oral communication
- Monitoring/maintaining records and data
- Teamwork and research

No.	Program Objectives	Target Abilities for Students (9pt)
①	d, h, i	Students will be able to determine the names and chemical formulas of ions and compounds.
②	d, h, i	Students will be able to use mole to convert among the count, mass, and volume of a specified substance.
③	d, h, i	Students will be able to describe chemical reactions and balance a chemical equation.
④	d, h, i	Students will be able to use mole ratios of balanced chemical equations to define chemical quantities.
⑤	d, h, i	Students will be able to apply kinetic theory to determine the characteristics of the states of a substance.
⑥	d, h, i	Students will be able to identify the unique properties of water and how aqueous systems form.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		30	20	15	0	0	20	15	100
Comprehensive Strength Criteria	Ability to capture knowledge	15	10	4	0	0	5	4	38
	Ability to think, reason and create	15	10	4	0	0	5	4	38
	Collaboration and leadership	0	0	0	0	0	0	3	3
	Announcement / Expression / Communication	0	0	3	0	0	5	0	8
	Attitude and motivation for learning	0	0	4	0	0	5	4	13

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①	✓	-Final Exam is a cumulative exam for all taught chapters/topics.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Quizzes	①	✓	- Chapter General Tests will be held for each chapter.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Reports	①	✓	Students are expected to do the following: − Include lesson title, student`s full name, and number at the top of each assignment page. − Submit self-checked answers to the assigned textbook and worksheet Qs on time − Turn in any other online assignments on eSyllabus on time. (A 10 % deduction per one-day delay is applied due to late submission of an assignment.)
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolios	①	✓	- The purpose of the portfolio is to provide evidence of student`s chemistry knowledge, learning development, process skills, and attitudes. Portfolio evaluation is based on documentation of evidence of learning and journal entries that reflect students' understanding of their gained learning skills. (Refer to the Portfolio Grading Criteria on eSyllabus)
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	
Others	①	✓	Grading criteria of this section are as follows: (Refer to the Note Taking Rubric on eSyllabus) 1- Clear and organized class notes showing all the covered topics. 2- Clear and organized lab reports of the performed experiments 3- Response in a proper manner to orally asked Qs by teachers or classmates 4- Safety procedures are followed at all times. 5- Cleanliness of laboratory and hygiene that leads to efficiency in all procedures and class time.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥	✓	

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are able to: - answer and give explanations of the essential questions by applying the taught chemistry knowledge and concepts. - design and perform experiments safely to find solutions or propose an explanation. - apply their problem-solving skills to solve complex problems whose solutions require multiple steps. - analyze, evaluate, or design a solution to a real-world problem by connecting their gained chemistry knowledge to daily lives and other subjects or fields of study.	Students are able to: - answer the essential questions by applying the taught chemistry knowledge. - perform experiments safely, make observations, analyze given data, and use scientific thinking to draw conclusions - to apply their problem-solving skills to solve problems whose solutions require multiple steps. - connect their gained chemistry knowledge to daily lives and other subjects or fields of study.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Naming and Writing Formulas of Ionic Compounds - Apply the rules for naming and writing formulas of ions and ionic compounds.	- Lecture - Practice problems - Exercises	- Review Ions and ionic compounds. - Answer Lesson 9.1 and 9.2 Book Qs.	30
2 /	Naming and Writing Formulas for Molecular Compounds - Apply the rules for naming and writing formulas for binary molecular compounds.	- Lecture - Practice problems - Exercises	- Review Molecular compounds - Answer Lesson 9.3 Book Qs.	30
3 /	Naming and Writing Formulas for Acids and Bases - Determine the names and formulas of an acid. - Determine the name and formula of a base.	- Lecture - Practice problems - Exercises	- Read Sports Nutrition Advisor p. 284 - Answer Lesson 9.4 Book Qs.	30
4 /	The Laws Governing How Compounds Form - Explain how the law of definite proportion is consistent with Dalton`s atomic theory. - General guidelines to write the name and formula of a chemical compound.	- Lecture -Practice problems -Exercises - Small-Scale Lab p. 295	- Read and prepare for Small-Scale Lab p. 295 - Answer Lesson 9.5 Book Qs. - Prepare for Chapter 9 General Test.	30
5 /	Using and Expressing Measurements - Write numbers in scientific notations - Evaluate accuracy and precision	- Chapter 9 General Test - Lecture - Practice Problems - Exercises	- Review Names and Chemical Formulas of Compounds. - Read and annotate the book p. 66 and answer Book Qs.	30
6 /	Using and Expressing Measurements - Explain why measurements must be reported to the correct number of significant figures.	- Lecture - Measuring Experiment - Practice problems - Exercises	- Read “Carbon Footprints” p. 83 - Answer Lesson 3.1 Book Qs.	30
7 /	Units of Measurement - Explain why metric units are easy to use - Identify the units of temperature scientists usually use. -Calculate the density of a substance.	- Lecture - Density stimulation - Practice problems - Exercises	- Review metric prefixes - Answer Lesson 3.2 Book Qs.	30
8 /	Solving Conversion problems - Explain what happens when a measurement is multiplied by a conversion factor. - Describe what kinds of problems can easily be solved using dimensional analysis.	- Lecture - Practice problems - Exercises	- What is a conversion factor? - Answer Lesson 3.2 Book and Workbook related Qs.	30
9 /	Solving Conversion problems - Explain what happens when a measurement is multiplied by a conversion factor. - Describe what kinds of problems can easily be solved using dimensional analysis.	- Lecture - Small-Scale Lab	- Read Small-Scale Lab p. 92 - Prepare for Chapter 3 General Test.	30
10 /	The Mole: A Measurement of Matter - Convert among the count, mass, and volume of matter. - Determine the molar mass of an element and of a compound.	- Chapter 3 General Test - Lecture - Practice problems - Exercises	- Read and Summarize lesson 10.1 - Answer Lesson 10.1 Book Qs.	30

Course Schedule

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Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Mole-Mass and Mole-Volume - Describe how to convert the mass of a substance to the number of moles of a substance and moles to mass. - Convert the volume of a gas at STP to the number of moles of the gas.	- Lecture - Practice problems - Exercises	- Read How Big is A Mole? P.316 - Answer Lesson 10.2 Book Qs.	30
12 /	Mole-Mass and Mole-Volume - Describe how to convert the mass of a substance to the number of moles of a substance and moles to mass. - Convert the volume of a gas at STP to the number of moles of the gas.	- Practice Problems - Exercises	- Review “The Mole”. - Answer Lesson 10.2 Book Qs.	30
13 /	Percent Composition and Chemical Formulas - Calculate the percent by mass of an element in a compound. - Calculate the empirical formula of a compound.	- Lecture - Practice problems - Exercises - Quick Lab	- Read Quick Lab p. 328 - Answer Lesson 10.3 Book Qs. - Prepare for Chapter 10 General Test	30
14 /	Describing Chemical Reactions - Describe how to write a skeleton equation. - Describe the steps for writing and balancing a chemical equation.	- Chapter 10 General Test - Lecture -Group Game to balance equations - Experiment.	- Read Kitchen Chemistry p. 355 - Answer Lesson 11.1 Book Qs.	30
15 /	Types of Chemical Reactions - Identify the five general types of reactions	- Lecture - Teacher Demo - Practice problems - Exercises	- Read “The History of Dynamite” p. 368 - Answer Lesson 11.2 Book Qs.	30
16 /	Reactions in Aqueous Solution - Describe the information found in a net ionic equation. - Predict the formation of a precipitate in a double-replacement reaction.	- Lecture - Practice problems - Exercises - Small- Scale Lab	-Read and prepare for Small-Scale Lab p. 374 -Answer Lesson 11.3 Book Qs. - Prepare for Chapter 11 General Test	30
17 /	The Arithmetic of equations - Describe how chemists use balanced chemical equations. - Describe the quantities you can use to interpret a balanced chemical equation.	- Chapter 11 General Test - Lecture - Practice problems - Exercises	- Prepare for Chapter 11 General Test - See Balancing Chemical Equations online. - Answer Lesson 12.1 Book Qs	30
18 /	Chemical Calculations - Explain how the mole ratios are used in chemical calculations. - Explain the general procedure for solving a stoichiometric problem.	- Lecture - Practice problems - Exercises	- Read Stoichiometric Safety p. 397 - Summarize Lesson 12.2	30
19 /	Limiting reagent and Percent Yield - Explain how the amount of product in a reaction is affected by an insufficient quantity of any of the reactants. - Explain what the percent yield of a reaction measures.	- Lecture - Practice problems - Exercises -Quick Lab	- Read Quick Lab p. 404 - Answer Lesson 12.3 Book Qs - Prepare for Chapter 12 General Test	30
20 /	The Nature of Gases - Describe the three assumptions of kinetic theory as it applies to gases. - Interpret gas pressure in terms of kinetic theory.	- Chapter 12 General Test - Lecture -Virtual Lab - Practice problems -Exercises	- Make a summary about the coldest place in the universe - Answer Lesson 13.1 Book Qs.	30

Course Schedule

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Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	The Nature of Liquids - Identify the factors that determine the physical properties of a liquid. - Define conditions under which a dynamic equilibrium can exist between a liquid and its vapor.	- Lecture - Interpret graphs - Virtual lab	- Read Lesson 13.2 - Answer Lesson 13.2 Book Qs.	30
22 /	The Nature of Solids - Describe how the structure and properties of solids are related. - Identify the factors that determine the shape of a crystal.	- Lecture - Small-Scale Lab	- Read and prepare for Small-Scale Lab p. 435 - Answer Lesson 13.3 Book Qs.	30
23 /	Change of States - Identify the conditions necessary for sublimation. - Determine how the conditions at which phases are in equilibrium are represented on a phase diagram.	- Quick Lab - Lecture - Interpret graphs	- Read “Plasma Waste Converter” - Answer Lesson 13.4 Book Qs. - Prepare for Chapter 13 General Test.	30
24 /	Ideal Gases - Calculate the amount of a contained gas when the pressure, volume, and temperature are specified. - Define the conditions when real gases are most likely to differ from ideal gases.	- Chapter 13 General Test - Lecture - Virtual Lab - Practice problems - Exercises	- Review “Gas Laws” p. 450~463 - Answer Lesson 14.3 Book Qs.	30
25 /	Gases: mixtures and Movements - Relate the total pressure of a mixture of gases to the partial pressures of the component gases. - Explain how the molar mass of a gas affects the rate at which gas diffuses and effuses.	- Lecture - Virtual Lab - Practice problems - Exercises	- Read Natural Gas Vehicle p. 476-477 - Answer Lesson 14.4 Book Qs.	30
26 /	Gases: mixtures and Movements - Relate the total pressure of a mixture of gases to the partial pressures of the component gases. - Explain how the molar mass of a gas affects the rate at which gas diffuses and effuses.	- Small- Scale Lab - Exercises	- Read Small-Scale Lab p. 475 - Prepare for Chapter 14 General Test	30
27 /	Water and Its Properties - Identify the factor that causes the high surface tension, low vapor pressure, and high boiling point of water. - Describe the structure of ice.	- Chapter 14 General Test - Lecture - Quick Lab	- Read Quick Lab p. 491 - Answer Lesson 15.1 Book Qs.	30
28 /	Homogeneous Aqueous Systems - Identify the types of substances that dissolve most readily in water. - Why all ionic compounds are electrolytes. - Explain why hydrates easily lose and gain water.	- A Small-Scale Lab - Lecture -Group Activity	- Read reverse Osmosis Distillation p. 502-503 - Answer Lesson 15.2 Book Qs.	30
29 /	Heterogeneous Aqueous Systems - Distinguish between a suspension and a solution. - identify how to distinguish a colloid from a suspension and a solution.	- Lecture - Teacher Demo “Tyndall Effect”. - Small-Scale Lab	- Read Small-Scale Lab p. 507 - Answer Lesson 15.3 Book Qs. - Prepare for Chapter 15 General Test.	30
30 /	General Review - Review Chapters 9, 10, 11,12, 13, 14 and 15	- Chapter 15 General Test - Evaluating and reflecting on the progress of own learning. - School Questionnaire	- Prepare for the Final Exam - Finalize the Portfolio	

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
31 /	Final Exam	- Evaluating the progress of own learning. - Submit Fundamental Chemistry B portfolios.		
32 /	Returning Final Exam results	- Return graded exams and portfolios - Evaluating and reflecting on the progress of own learning.		

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Health and Physical Education IA	1	612600	First	Exercises / Practice Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TAKIMOTO, Akihiro / CADZOW, Philip	Hakusanroku C 101 Gym		Friday 16:30-17:30

Course Objectives

	Keywords (10.5pt)	Learning Objectives (10.5pt)
1	Running	The student will increase their stamina and energy for everyday life.
2	Bouldering	The student will understand the rules of Badminton and Volleyball.
3	Volleyball	The student will develop Badminton and Volleyball sport specific skills.
4	Badminton	The student will grow their teamwork skills through working in cooperation with other students.
5	Teamwork	

Course Description and Expectations for Students (10.5pt)

- Students will lead and engage in discussions about respectful sportsmanship behaviour, to create a contract for behaviours inside class. These discussions will be facilitated by the teacher, but student led and seek to create an atmosphere of active learning for the whole class.
- This course will have students engage in running for cardiovascular health and expects students to self-manage emotional and mental effort over the course of the whole semester to realize the learning potential of continued effort. Rainy days may result in training or bouldering where the student is expected to build active learning attitudes such as fortitude through failure.
- This course will cover serving skills in badminton and Volleyball. Students will be expected to discover and explore ways in which they learn sports skills, manage themselves, and their time, in self-directed active learning.
- Not having correct PE clothes will result in not being able to participate in the lesson and hence missing out on points. Reasonable absences will be appointed makeup work for points missed. Injuries will be given alternate work for the points they would otherwise miss.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

School sports uniform, Indoor sports shoes, Outdoor sports shoes, Water bottle

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

No prior skills or knowledge are required for this course.

No.	Program Objectives	Target Abilities for Students (9pt)
①	D	Students will learn how to train their body correctly for a healthy life.
②	F	Students will be able to learn from failure and develop fortitude.
③	I	Students will develop confidence in their abilities and work with a sincere heart.
④	I	Students will learn the value of enjoying sports and the lifelong benefits of exercise.
⑤	C	Students will be able to support each other in learning new skills.
⑥	B	Students will become accustomed to working for the good of others.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		10	0	0	0	100	0	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	0	0	20	0	0	20
	Ability to think, reason and create	0	0	0	0	20	0	0	20
	Collaboration and leadership	0	0	0	0	50	0	0	50
	Announcement / Expression / Communication	0	0	0	0	0	0	0	0
	Attitude and motivation for learning	0	0	0	0	10	0	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①		
	②		
	③		
	④		
	⑤		
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①	✔	**Sportsmanship 50%** **Final Running test 10%** **Running/Training: 20%** **Badminton Serve: 10%.** **Volleyball Serve: 10%.**
	②	✔	
	③	✔	
	④	✔	
	⑤	✔	
	⑥	✔	
Portfolios	①		
	②		
	③		
	④		
	⑤		
	⑥		
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Arrives on time and in the right uniform. Cleans or sets up for class to a high standard (properly shakes the mops and nets are tied nicely. Great effort during training, going above the requirements for the day. Completes the small learning games with high concentration and looks for opportunities to encourage other students and their learning.	Arriving on time, in the correct uniform. Cleans or sets up for class to a good standard. Enough effort in training to complete the day's challenge with minimal disturbance to others. Completes the small learning games to the best of their effort.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Syllabus explanation Net setup explanation Weights room explanation Running / Bouldering introduction	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
2 /	Continued Explanations Running / Training / Bouldering Badminton	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
3 /	Running / Training / Bouldering Badminton	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
4 /	Running / Training / Bouldering Badminton	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
5 /	Running / Training / Bouldering Badminton	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
6 /	Running / Training / Bouldering Badminton	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
7 /	Running / Training / Bouldering Badminton	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
8 /	Running / Training / Bouldering Volleyball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
9 /	Running / Training / Bouldering Volleyball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
10 /	Running / Training / Bouldering Volleyball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Running / Training / Bouldering Volleyball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
12 /	Running / Training / Bouldering Volleyball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
13 /	Running / Training / Bouldering Volleyball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
14 /	Running / Training / Bouldering Volleyball Running test?	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
15 /	Running / Training / Bouldering Volleyball Running test.	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S General Required	Health and Physical Education IB	1	612700	Second	Exercises / Practice Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	TAKIMOTO, Akihiro / CADZOW, Philip	Hakusanroku C 101 Gym		Friday 16:30-17:30

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Training	The student will increase their strength and energy for everyday life. The student will develop an understanding of invasion game tactics through playing invasion games like basketball, netball, and handball. The student will develop basketball sport specific skills. The student will grow their teamwork skills through working in cooperation with other students.
2	Bouldering	
3	Basketball	
4	Netball	
5	Handball	

Course Description and Expectations for Students (10.5pt)

This course will look at using a game-based approach to let students actively learn tactics and sport skills of invasion-based games.

Students will be in games that emphasize different aspects of gameplay, such as teamwork, passing, zone defence amongst other in situations where they will have to critically think.

The expectation is for students to be on time for class in the correct uniform and fully participate in the activities of class to the best of their abilities. They will have to do this while maintaining a respectful attitude to other students and the teacher. Especially of importance is accepting the referees decisions and safe play though fast sports such as basketball.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

School sports uniform, Indoor sports shoes, Outdoor sports shoes, Water bottle

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

No prior skills or knowledge are required for this course.

No.	Program Objectives	Target Abilities for Students (9pt)
①	D	Students will learn how to train their body correctly for a healthy life.
②	F	Students will be able to learn from failure and develop fortitude.
③	I	Students will develop confidence in their abilities and work with a sincere heart.
④	I	Students will learn the value of enjoying sports and the lifelong benefits of exercise.
⑤	C	Students will be able to support each other in learning new skills.
⑥	B	Students will become accustomed to working for the good of others.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	40	0	40	20	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	20	0	0	0	0	20
	Ability to think, reason and create	0	0	20	0	0	0	0	20
	Collaboration and leadership	0	0	0	0	30	0	0	30
	Announcement / Expression / Communication	0	0	0	0	10	10	0	20
	Attitude and motivation for learning	0	0	0	0	0	10	0	10

＊ The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①	✔	**Bouldering: 100pt. 20% of PE grade** 5 sessions of climbing 100pt sheet **Basketball Skill: 100pt. 20% of PE grade** Work on Basketball skills. Score kept on sheet until final class.
	②	✔	
	③		
	④		
	⑤		
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①		**Sports: 20pt. 40% of grade for PE** **Tactics and Team play 15pt.** Complete the main sports activity for class. 1pt per game. **Cleaning and setting up: 5pt.** 1 point each class for cleaning and setting up the equipment.
	②	✔	
	③		
	④		
	⑤	✔	
	⑥	✔	
Portfolios	①	✔	**Training: 100 pt. 20% of PE grade** 10 classes of training. 10 pt each. 100pts
	②		
	③	✔	
	④	✔	
	⑤		
	⑥		
Others	①		Not having correct PE clothes will result in not being able to participate in the lesson and hence missing out on points. Reasonable absences will be appointed makeup work for time missed. Injuries will be given alternate work for the points they would otherwise miss.
	②		
	③		
	④	✔	
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Arrives on time and in the right uniform. Cleans or sets up for class to a high standard (properly shakes the mops, and balls air pressure is checked. Great effort during training, going above the requirements for the day. Completes the small learning games with high concentration and looks for opportunities to encourage other students and their learning.	Arriving on time, in the correct uniform. Cleans or sets up for class to a good standard. Enough effort in training to complete the day's challenge with minimal disturbance to others. Completes the small learning games to the best of their effort.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Introduction Syllabus explanation bouldering Machine training 1RM testing	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
2 /	Training Basketball skill Netball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
3 /	Training Basketball skill Netball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
4 /	bouldering Netball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
5 /	Training Netball Basketball skill	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
6 /	Training Handball Basketball skill	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
7 /	bouldering Handball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
8 /	Training Handball Basketball skill	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
9 /	Training Handball Basketball skill	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
10 /	bouldering handball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Training Basketball Basketball skill	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
12 /	Training Basketball Basketball skill	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
13 /	bouldering Basketball	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
14 /	Training Basketball Basketball skill	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100
15 /	Team sport outside.	Lecture and Active Learning/ online	Review class and conduct self-training in both fitness and sport skill.	100

令和７年度　学習支援計画書

「担当教員名」欄の＊＝実務経験のある教員

授業科目区分	科 目 名	単 位	科目コード	開講時期	授 業 形 態
国際理工学科 一般科目 必修	ビジュアルアーツI	1	613200	後学期	実験・実習／履修

対象学年	担当教員名	居室	電子メールＩＤ	オフィスアワー
1年	小髙　有普	白山麓C： 101.201		月～金 16:30-17:30

授 業 科 目 の 学 習 教 育 目 標

キーワード		学習教育目標
1	図形表現の基本的な技法	最善で価値あるモノやコトの提案に導くためには、「感じる力」「見つける力」「伝える力」「深く考える力」などが必要だが、これらの能力を発揮するための一助として、図形表現の基本的技法を習得する。授業では、フリーハンドで自ら発想したアイデアや観察した対象の形、機能、構造などをドローイングし、誰にでも認識できるレベルとする。また、発想などをドローイング表現することや、伝達の道具とすることで、アイデアの検証を容易にし、改善や発展などに必要な思考力や発想力の向上を促すなどのスパイラル型思考過程を体験する。創造的なスキルとして認識し、継続的に使用していくことを目指す。
2	図形表現の多様性	
3	図によるコミュニケーション	
4	思考力や発想力の向上	
5	スパイラル型思考過程の体験	

授業の概要および学習上の助言

授業は以下のプロセスで実施されます。
１）ドローイングの意義と位置付け
２）ドローイングの基本知識と技法の学習
３）ドローイングの実践と図を用いた情報伝達
４）スパイラル型思考の演習

注意
・すべての課題は提出期限に間に合うように必ず提出すること。課題の提出が遅れると減点します。
・この授業を合格するには、学生はすべての課題を提出する必要があります。
・この授業では定期試験を実施しません。
・１０分程度の予習課題を毎週授業前までにしておくこと。
・授業内でできなかった課題は次週の授業前までに完成しておくこと。

この授業ではアクティブラーニングの一環としてグループワークによるアイデア出しを行います。

【教科書および参考書・リザーブドブック】
ﾘｻﾞｰﾌﾞﾄﾞﾌﾞｯｸ：アイデア・ドローイング第２版(共立出版)ISBN978-4-320-07177-3
IDEA DRAWING HOW TO DRAW(TANAKA&SHOBUNDO GRAPHIC ART CO.,LTD)ISBN978-4-924861-35-0

履修に必要な予備知識や技能

本授業はリザーブドブック「アイデア・ドローイング第２版」に沿って実施される。このため、予め熟読しておくことが好ましい。
また、授業の進行は積み上げになっているので、各回ごとに不明点などが残らないように心がける。
理解不足と感じたらリザーブドブックやオフィスアワーを利用し復習を行う。

No.	教育目標(DP) (記号表記)	学生が達成すべき行動目標
①	f,g	図形表現の基本的な技法を理解できる。
②	f,g	同じモノをさまざまな距離、方向、思考などの観点から観察し、それらを的確に表すドローイングをすることができる。
③	f,g	誰もが認識できるようなドローイングをすることで、第三者との意見交換や意思疎通ができる。
④	f,g	第三者の多様な意見を取り入れて、自分自身の発想を正確に図形で表現する事ができる。
⑤	f,g	創造活動の中でのドローイングの重要性を認識し、図を用いる情報の伝達が的確にできる。
⑥	f,g,d	自らの作業を客観的に振り返る姿勢を示すことができる。

達 成 度 評 価

評価方法 指標と評価割合		試　験	クイズ 小テスト	レポート	成果発表 口頭・実技	作 品	ポートフォリオ	その他	合 計
総合評価割合		0	0	30	35	30	5	0	100
総合力指標	知識を取り込む力	0	0	10	10	0	0	0	20
	思考・推論・創造する力	0	0	0	10	5	0	0	15
	コラボレーションとリーダーシップ	0	0	0	5	0	0	0	5
	発表・表現・伝達する力	0	0	20	10	25	0	0	55
	学習に取組む姿勢・意欲	0	0	0	0	0	5	0	5

※総合力指標で示す数値内訳は、授業運営上のおおよその目安を示したものです。

評価の要点

評価方法	行動目標		評価の実施方法と注意点
試験	①		
	②		
	③		
	④		
	⑤		
	⑥		
クイズ 小テスト	①		
	②		
	③		
	④		
	⑤		
	⑥		
レポート	①		1週目から7週目までと9,10週目：描画の基本的技法の修得度を評価します。（30%）
	②		
	③	レ	
	④	レ	
	⑤		
	⑥		
成果発表 （口頭・実技）	①		12～15週目の課題(最終日に学生の発表を通じてルーブリック評価を行う) (35%)
	②	レ	
	③	レ	
	④	レ	
	⑤		
	⑥		
作品	①	レ	8,11週目：ドローイングによるアイデア表現（30%）
	②	レ	
	③	レ	
	④	レ	
	⑤	レ	
	⑥		
ポートフォリオ	①		創造的活動に対する自己評価の書き込み（5%） 15週の学習レポート
	②		
	③		
	④		
	⑤		
	⑥	レ	
その他	①		
	②		
	③		
	④		
	⑤		
	⑥		

具体的な達成の目安

理想的な達成レベルの目安	標準的な達成レベルの目安
①知識と技法：知識を完全に理解し、これに基づいたシンプルな線を用い、フリーハンドで図が描ける。 ②応用力：複雑な形、働きなどを判りやすい視点からドローイング表現ができる ③伝達力：誰にでも同じ内容が伝わるレベルで「モノ」や「コト」をドローイングで表現できる。 ④総合力：自分の発想内容や第三者の発想などもシンプルなドローイングで表現し、これを利用して発展させる事ができる。	①知識と技法：知識を理解し、これに基づいたフリーハンド図が描ける ②応用力：簡単な形、単純な働きなどをドローイング表現ができる。 ③伝達力：知識や興味がある第三者に、同じ内容が伝わるレベルで「モノ」や「コト」をドローイングで表現できる。 ④総合力：自分や第三者の発想、アドバイスをドローイングで表現し、補足的な表現を加えることで描きあらわし、他者との相互理解のためのツールとして利用する事ができる。

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
1 ／	・フリーハンドドローイングの発想の視覚化と提示での有効性についての理解。 ・コミュニケーションを成立する描画条件について基本的な表現訓練 ・表現法基礎①　透視図法を理解する	・ガイダンス ・講義 ・描画演習	予習：指示に従い準備 復習：課題の完成と振り返り	20
2 ／	・表現法基礎② 観測者との位置関係を考える	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
3 ／	・表現法基礎③ 視点の変化でも変わらない図形の規則性を学ぶ	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
4 ／	・表現法基礎④ 立方体を理解し、形の比を記憶する 立方体を利用して等しい量を持つ他の立体を描く	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
5 ／	・表現法基礎⑤ 立方体を利用して等しい量を持つ他の立体を描く	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
6 ／	・表現法基礎⑥ 立体の配置条件や見えない形を補助する表現としての陰影を学ぶ	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
7 ／	・表現法基礎⑦ 立体の配置条件や見えない形を補助する表現としての陰影を学ぶ２	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
8 ／	・総合力ラーニング（レポート） 一般的製品の形を学ぶ 立体の複合からできる様々な形状を理解し、自分で複合する形を発想し描画する	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
9 ／	・表現法基礎⑧ 人と現象・反応の表現方法について 簡易的人体の描画法を学ぶ	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
10 ／	・表現法基礎⑨ 人とモノ・状態の表現方法について 簡易的人体の描画法を学ぶ２	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	40

授業明細表

ＣＬＩＰ学習プロセスについて

一般に、授業あるいは課外での学習では：**「知識などを取り込む」→「知識などをいろいろな角度から、場合によってはチーム活動として、考え、推論し、創造する」→「修得した内容を表現、発表、伝達する」→「総合的に評価を受ける、ＧｏｏｄＷｏｒｋ！」**：のようなプロセス（一部あるいは全体）を繰り返し行いながら、応用力のある知識やスキルを身につけていくことが重要です。このような学習プロセスを大事に行動ください。
※学習課題の時間欄には、指定された学習課題に要する標準的な時間を記載してあります。学修単位科目については、各授業に応じた時間（例えば2単位科目の場合、予習・復習で200分／週）を取るよう努めてください。詳しくは教員の指導に従って下さい。

回数 日付	学習内容	授業の運営方法	学習課題(予習・復習)	時間(分)
11 ／	総合力ラーニング１ ・図を活用したレポートを作る	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	20
12 ／	総合力ラーニング２ ・問題解決策を考える ・アイデアを伝えるための情報図の検討	・グループ活動	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	20
13 ／	総合力ラーニング２ ・アイデアを伝えるための情報図を作成する	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	30
14 ／	総合力ラーニング３ ・アイデアについて倫理的にプラスとマイナスの影響を考える。（改善案を考える） ・アイデアを伝える情報図の作成（改善）	・講義 ・描画演習	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させる	100
15 ／	・最終プレゼンテーション ・振り返り学習	・発表 ・振り返り活動	予習：次の授業用準備課題を仕上げる 復習：当日の授業課題を完成させることと、振り返り	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S Specialized Required	Engineering Design IA	2	710100	First	Experiment/Practice Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	WOHLFARTH, Brandon / KODAKA, Arihiro / HAYASHI, Michihiro	Hakusanroku C 101-201		Mon-Fri 4:30-5:30 pm

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Design Process	In this class, the students will work on project-based learning activities for finding problems and creating solutions in their daily life and environment. The student groups will practice the design process and methods in their projects. They will also learn basic knowledge and methods to make quick prototypes of their ideas as well. Through making ideas into shapes and sharing them with others, the students learn value creation.
2	Finding problems	
3	Creating solutions	
4	Quick prototypes	
5	Value Creation	

Course Description and Expectations for Students (10.5pt)

The class consists of the following phases:
Phase 1: Learning basic skills and knowledge about the individual steps in the design process
Phase 2: Implement learned skills in hands on engineering design project

Advice on taking this class
- Students must submit all assignments to pass this course.
- Act with appropriate manners and behaviors as important aspects of conducting research.
- Submit all the assignments on time. There will be penalty points if you are late to submit your assignments.
- Participate in class work autonomously. Don't afraid to challenge yourself and feel free to ask questions.
- There will be no exam in this class.
- The class is conducted 2 sessions in a row.
- Check E-syllabus often and download all files needed for the lessons.

This course will offer project-based learning in class as a type of active learning.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

No.	Program Objectives	Target Abilities for Students (9pt)
①	a, g	Students will be able to understand the design process to create products and services.
②	a, g	Students will be able to work based on the design thinking mindsets.
③	a, f	Students will be able to make tangible prototyping forms and convey their main ideas using them.
④	d, e, g	Students will be able to generate and improve ideas through iteration processes.
⑤	h	Students will be able to collect and analyze the information, and they can define a problem.
⑥	I	Students will be able to show their attitude to reflect on their own work objectively.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	15	30	50	5	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	5	5	15	1	0	26
	Ability to think, reason and create	0	0	5	5	15	1	0	26
	Collaboration and leadership	0	0	2	10	5	1	0	18
	Announcement / Expression / Communication	0	0	2	10	15	1	0	28
	Attitude and motivation for learning	0	0	1	0	0	1	0	2

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①	✓	Reports will be submitted in written/digital forms including sketches, spreadsheets, and any other styles of forms about the projects. The format of the report will be announced by the instructors depending on the activities.
	②	✓	
	③		
	④		
	⑤	✓	
	⑥	✓	
Presentations	①		Students will give oral progress and final reports about their projects. The format of the presentations will be announced by instructors, such as slides, posters, videos, and/or any other styles. Teachers will grade the presentations on content and presentation etiquette. Rubric will be provided.
	②	✓	
	③	✓	
	④	✓	
	⑤	✓	
	⑥		
Works	①	✓	The works include your practice use of digital fabrication and tools in the workshop or other facilities. The format of works can be the physical prototypes of solutions, the iteration process, and other styles of visual aids of your project. The format will be announced by the instructors.
	②		
	③	✓	
	④	✓	
	⑤	✓	
	⑥		
Portfolios	①	✓	Students will have self-reflection in handout or E-syllabus weekly basis.
	②		
	③		
	④		
	⑤		
	⑥	✓	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
- Student can define an appropriate problem statement logically based on their research data. - Student can propose creative, feasible, and appropriate solutions. - Students can make meaningful and effective prototypes of their solutions. - Students can effectively communicate their thoughts and design ideas well.	- Student can define a problem statement based on their research data. - Student can propose appropriate solutions. - Students can make tangible prototypes of their solutions. - Students can explain their thoughts and design ideas adequately.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Class Guidance - Introduction to CDIO contexts and Design Thinking mindsets and process	Lecture and Practice	Prepare as instructed	15
2 /		Lecture and Practice	Finish class assignments and reflection	20
3 /	Maker Studio Safety Instruction Understanding Function and Scope Introduction of Project 1	Lecture and Practice	Prepare as instructed	15
4 /		Lecture and Practice	Finish class assignments and reflection	20
5 /	Understanding Materials	Lecture and Practice	Prepare as instructed	15
6 /		Lecture and Practice	Finish class assignments and reflection	20
7 /	Communication Drawing Skills - Practice - Sketching for Project 1	Lecture and Practice	Prepare as instructed	15
8 /		Lecture and Practice	Finish class assignments and reflection	20
9 /	Idea Modeling - Introduction to digital modeling - 3D printer safety - Modeling for Project 1	Lecture and Practice	Prepare as instructed	15
10 /		Lecture and Practice	Finish class assignments and reflection	20

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Introduction to poster creation and presentation skills - Creating poster for Project 1 - Creating presentation for Project 1	Lecture and Practice	Prepare as instructed	15
12 /		Lecture and Practice	Finish class assignments and reflection	20
13 /	In-class Presentation for Project 1	Presentation	Prepare as instructed	15
14 /	Introduction of Project 2	Presentation, Lecture, and Practice	Finish class assignments and reflection	20
15 /	Problem analysis and discovery - Problem statement - User analysis	Lecture and Practice	Prepare as instructed	15
16 /		Lecture and Practice	Finish class assignments and reflection	20
17 /	Sketching Project 2 - Steps to sketching - Generating iterations of sketching	Lecture and Practice	Prepare as instructed	15
18 /		Lecture and Practice	Finish class assignments and reflection	20
19 /	Rapid Prototyping 1	Practice	Prepare as instructed	15
20 /		Practice	Finish class assignments and reflection	20

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Rapid Prototype 2 Data generation	Practice	Prepare as instructed	15
22 /		Practice	Finish class assignments and reflection	20
23 /	Design Review for Project 2	Review	Prepare as instructed	15
24 /		Practice	Finish class assignments and reflection	20
25 /	Prototyping and iteration 1 Poster Presentation Preparation	Preparation and Practice	Prepare as instructed	15
26 /		Preparation and Practice	Finish class assignments and reflection	20
27 /	Prototyping and iteration 2 Poster Presentation Preparation	Preparation and Practice	Prepare as instructed	15
28 /		Preparation and Practice	Finish class assignments and reflection	20
29 /	Final Presentation and Reflection: - Present how their refined ideas and prototypes solve a problem - Self-reflection and realizing the outcome of the activity from the portfolio entries	Presentation	Prepare as instructed	15
30 /		Self-Reflection	Finish class assignments and reflection	20

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S Specialized Required	Engineering Design IB	2	710200	Second	Experiment／Practice Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	WOHLFARTH Brandon / MATSUSHITA, Omihito / HAYASHI, Michihiro	Hakusanroku C 101.201		Fri (4:30-5:30)

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Engineering Design Process	In this class students will experience the engineering design process by understanding users to create solutions to solve various problems: research users, generate ideas, develop specifications, have design reviews, make prototypes, and evaluate them based on requirement. Through this process, students will also learn project management methods; as well as, how to implement the engineering design process.
2	Understanding users	
3	Project management	
4	Problem finding and solving	
5	Basic robot control	

Course Description and Expectations for Students (10.5pt)

Proper production process needs to be practiced to realize ideas. In this class students will go through the design process and learn project management methods while creating prototypes to fit their user's criteria.

This course will offer project-based learning in class as a type of active learning.

Students will:
- Act with appropriate manners and behaviors as important aspects of conducting research.
- All the assignments must be submitted to pass the class. There will be penalty points if you are late to submit your assignments.
-There will be no exam in this class.
- Participate in class work autonomously. Don't afraid to challenge yourself and feel free to ask questions.
- The class is conducted 2 sessions in a row.
- Check e-syllabus often and download all files needed for the lessons.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Courses: Engineering Design I A

No.	Program Objectives	Target Abilities for Students (9pt)
①	a, h, i	The students will be able to understand the importance of user research in the design process.
②	a, h, i	The students will be able to make basic program to control robots.
③	c, g, h	The students will be able to make project plan based on quality and delivery time.
④	b, c. d	The students will be able to implement a project within a team using proper management methods.
⑤	b, g, h	The students will be able to create ideas realizing required spec. and practice design review with team.
⑥	a, h, i	The students will be able to show their attitude to reflect on their own work objectively.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	15	15	65	5	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	3	4	15	1	0	23
	Ability to think, reason and create	0	0	3	4	15	1	0	23
	Collaboration and leadership	0	0	3	3	15	1	0	22
	Announcement / Expression / Communication	0	0	3	4	10	1	0	18
	Attitude and motivation for learning	0	0	3	0	10	1	0	14

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①	ㄴ	Report will include work reports and personal reflection on own learning experience about project progress, contribution, and outcomes. The format of the report will be announced by the instructors.
	②	ㄴ	
	③	ㄴ	
	④	ㄴ	
	⑤	ㄴ	
	⑥	ㄴ	
Presentations	①	ㄴ	This grade is for the final presentation from students to teacher. Teacher will grade on presentation content, presentation Etiquette, Rubric will be provided as a group and individually. Also, the final gallery walk, presentation format, and the presentation deliverables will be included in the calculation of this grade.
	②	ㄴ	
	③	ㄴ	
	④	ㄴ	
	⑤	ㄴ	
	⑥	ㄴ	
Works	①	ㄴ	The format of works can be physical prototypes of solutions, concept diagrams, sketches, and other styles of visual aids and writing forms. The format will be announced by the instructors.
	②	ㄴ	
	③	ㄴ	
	④	ㄴ	
	⑤	ㄴ	
	⑥	ㄴ	
Portfolios	①	ㄴ	Portfolios will include final personal reflection on own project management and contribution, and learning experience through the project. The format of the portfolio will be announced by the instructors.
	②	ㄴ	
	③	ㄴ	
	④	ㄴ	
	⑤	ㄴ	
	⑥	ㄴ	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Finishing work during class time, helping other team members or other teams in progressing work. Sharing new insights and knowledge to class and teachers. Having a good line of communication with facilitators and teachers.	Finishes the tasks assigned to them, contributes ideas and opinions when prompted to. Provides answers to questions from facilitators and teachers when approached.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Class guidance Project Introduction Robot controls 1	Lecture	Prepare as instructed	15
2 /		Lecture and Practice	Finish class assignments and reflection	20
3 /	Robot controls 2	Practice	Prepare as instructed	15
4 /		Practice	Finish class assignments and reflection	20
5 /	Project Management Introduction Interview & Observation Validation	Lecture and Practice	Prepare as instructed	30
6 /		Practice	Finish class assignments and reflection	20
7 /	Problem and User Validation Understanding Function -Requirements	Practice	Prepare as instructed	60
8 /		Lecture and Practice	Finish class assignments and reflection	30
9 /	Understanding Materials and Assembly - Bill of Materials - Assembly Diagrams - General Function	Lecture and Practice	Prepare as instructed	15
10 /	Idea Sketching 1	Practice	Finish class assignments and reflection	15

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Idea sketching & Quick Prototyping Understanding Interactions -Interaction Diagram	Lecture and Practice	Prepare as instructed	15
12 /		Practice	Finish class assignments and reflection	30
13 /	User Feedback and Continue Ideation	Practice	Prepare as instructed	15
14 /		Practice	Finish class assignments and reflection	15
15 /	Design Review and prototype planning Reviewing Gantt chart for Prototyping Finalizing ideas and Prototype 1 - Completing Gantt chart for prototyping	Discussion	Prepare as instructed	15
16 /		Practice	Finish class assignments and reflection	30
17 /	Prototype 2	Practice	Prepare as instructed	15
18 /		Practice	Finish class assignments and reflection	30
19 /	Prototype 3 and User Evaluation	Practice	Prepare as instructed	15
20 /		Practice	Finish class assignments and reflection	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Sharing status report Prototype iteration 1	Discussion	Prepare as instructed	15
22 /		Practice	Finish class assignments and reflection	30
23 /	Prototype iteration 2 and user feedback	Practice	Prepare as instructed	20
24 /		Practice	Finish class assignments and reflection	30
25 /	Prototype iteration 3 and user feedback Prepare for the final presentation	Practice	Prepare as instructed	20
26 /		Practice	Finish class assignments and reflection	30
27 /	Prototype iteration 4 and user feedback Prepare for the final presentation	Practice	Prepare as instructed	20
28 /		Practice	Finish class assignments and reflection	30
29 /	Project completion and Final presentation Self-Reflection	Presentation	Prepare the final presentation materials	30
30 /		Presentation and self-reflection	Reflecting on self-growth, any different routes or options you would have taken if opportunity is provided.	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S Specialized Required	Engineering Design IB	2	710200	Second	Experiment／Practice Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	WOHLFARTH Brandon / MATSUSHITA, Omihito / HAYASHI, Michihiro	Hakusanroku C 101.201		Fri (4:30-5:30)

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Engineering Design Process	In this class students will experience the engineering design process by understanding users to create solutions to solve various problems: research users, generate ideas, develop specifications, have design reviews, make prototypes, and evaluate them based on requirement. Through this process, students will also learn project management methods; as well as, how to implement the engineering design process.
2	Understanding users	
3	Project management	
4	Problem finding and solving	
5	Basic robot control	

Course Description and Expectations for Students (10.5pt)

Proper production process needs to be practiced to realize ideas. In this class students will go through the design process and learn project management methods while creating prototypes to fit their user's criteria.

This course will offer project-based learning in class as a type of active learning.

Students will:
- Act with appropriate manners and behaviors as important aspects of conducting research.
- All the assignments must be submitted to pass the class. There will be penalty points if you are late to submit your assignments.
-There will be no exam in this class.
- Participate in class work autonomously. Don't afraid to challenge yourself and feel free to ask questions.
- The class is conducted 2 sessions in a row.
- Check e-syllabus often and download all files needed for the lessons.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Courses: Engineering Design I A

No.	Program Objectives	Target Abilities for Students (9pt)
①	a,h,i	The students will be able to understand the importance of user research in the design process.
②	a,h,i	The students will be able to make basic program to control robots.
③	c,g,h	The students will be able to make project plan based on quality and delivery time.
④	b,c.d	The students will be able to implement a project within a team using proper management methods.
⑤	b,g,h	The students will be able to create ideas realizing required spec. and practice design review with team.
⑥	a,h,i	The students will be able to show their attitude to reflect on their own work objectively.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	15	15	65	5	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	3	4	15	1	0	23
	Ability to think, reason and create	0	0	3	4	15	1	0	23
	Collaboration and leadership	0	0	3	3	15	1	0	22
	Announcement / Expression / Communication	0	0	3	4	10	1	0	18
	Attitude and motivation for learning	0	0	3	0	10	1	0	14

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①	ㄴ	Report will include work reports and personal reflection on own learning experience about project progress, contribution, and outcomes. The format of the report will be announced by the instructors.
	②	ㄴ	
	③	ㄴ	
	④	ㄴ	
	⑤	ㄴ	
	⑥	ㄴ	
Presentations	①	ㄴ	This grade is for the final presentation from students to teacher. Teacher will grade on presentation content, presentation Etiquette, Rubric will be provided as a group and individually. Also, the final gallery walk, presentation format, and the presentation deliverables will be included in the calculation of this grade.
	②	ㄴ	
	③	ㄴ	
	④	ㄴ	
	⑤	ㄴ	
	⑥	ㄴ	
Works	①	ㄴ	The format of works can be physical prototypes of solutions, concept diagrams, sketches, and other styles of visual aids and writing forms. The format will be announced by the instructors.
	②	ㄴ	
	③	ㄴ	
	④	ㄴ	
	⑤	ㄴ	
	⑥	ㄴ	
Portfolios	①	ㄴ	Portfolios will include final personal reflection on own project management and contribution, and learning experience through the project. The format of the portfolio will be announced by the instructors.
	②	ㄴ	
	③	ㄴ	
	④	ㄴ	
	⑤	ㄴ	
	⑥	ㄴ	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Finishing work during class time, helping other team members or other teams in progressing work. Sharing new insights and knowledge to class and teachers. Having a good line of communication with facilitators and teachers.	Finishes the tasks assigned to them, contributes ideas and opinions when prompted to. Provides answers to questions from facilitators and teachers when approached.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Class guidance Project Introduction Robot controls 1	Lecture	Prepare as instructed	15
2 /		Lecture and Practice	Finish class assignments and reflection	20
3 /	Project Management Introduction	Lecture and Practice	Prepare as instructed	15
4 /		Practice	Finish class assignments and reflection	20
5 /	Writing Requirements User Experience and Interactions	Lecture and Practice	Prepare as instructed	30
6 /		Practice	Finish class assignments and reflection	20
7 /	Interview Preparation and Progress Customer Journey	Practice	Prepare as instructed	60
8 /		Lecture and Practice	Finish class assignments and reflection	30
9 /	Understanding Materials and Assembly - Bill of Materials - Assembly Diagrams	Lecture and Practice	Prepare as instructed	15
10 /	Idea Sketching 1	Practice	Finish class assignments and reflection	15

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Idea sketching & Quick Prototyping	Practice	Prepare as instructed	15
12 /		Practice	Finish class assignments and reflection	30
13 /	User Feedback and Continue Ideation	Practice	Prepare as instructed	15
14 /		Practice	Finish class assignments and reflection	15
15 /	Design Review and prototype planning Reviewing Gantt chart for Prototyping Finalizing ideas and Prototype 1 - Completing Gantt chart for prototyping	Discussion	Prepare as instructed	15
16 /		Practice	Finish class assignments and reflection	30
17 /	Prototype 2	Practice	Prepare as instructed	15
18 /		Practice	Finish class assignments and reflection	30
19 /	Prototype 3	Practice	Prepare as instructed	15
20 /		Practice	Finish class assignments and reflection	30

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
21 /	Prototype 4 and user feedback	Practice	Prepare as instructed	15
22 /		Practice	Finish class assignments and reflection	30
23 /	Prototype 5 and Status Report	Discussion	Prepare as instructed	20
24 /		Practice	Finish class assignments and reflection	30
25 /	Prototype iteration 1 and user feedback Prepare for the final presentation	Practice	Prepare as instructed	20
26 /		Practice	Finish class assignments and reflection	30
27 /	Prototype iteration 2 and user feedback Prepare for the final presentation	Practice	Prepare as instructed	20
28 /		Practice	Finish class assignments and reflection	30
29 /	Project completion and Final presentation Self-Reflection	Presentation	Prepare the final presentation materials	30
30 /		Presentation and self-reflection	Reflecting on self-growth, any different routes or options you would have taken if opportunity is provided.	30

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S Specialized Required	Computer Skills IA	1	710900	First	Exercises Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	SANG-NGENCHAI, Apirak KODAKA, Arihiro	Hakusanroku C 101-201		

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	3D modeling	In today's world, computers are used everywhere, making computational thinking and creativity essential for engineers across all disciplines. This course enables students to learn fundamental computer skills. Specifically, students will enhance their abilities to create documents and engage in creative tasks practically using computers.
2	Office	
3	Statistics	
4	Creative design	
5		

Course Description and Expectations for Students (10.5pt)

In this course, there is no final examination. All assignments must be submitted and Late assignments may reduce scores. This course will offer experiential learning in class as a type of active learning.

Advice for students:

- Participate in class activities and do not hesitate to ask questions.
- Come prepared and bring all studied materials.
- Be diligent in adhering to the submission dates for all assignments.

Additionally, be sure to include what you achieved in this class in your portfolio for future reference and review.

Required Materials (textbooks, reference books, reserved books) (10.5pt)

Textbooks:

Reference books: Excel で易しく学ぶ統計解析（東京図書）ISBN 978-4489023170

完全独習統計学入門（ダイヤモンド社）ISBN 978-4478820094

Fusion 360 for Makers (MAKER COMMUNITY LLC) ISBN 9781680453553

Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

The fundamental operation of a computer (left click, right-click, double click, drag and drop shutdown, start-up, etc.)
Fundamental usage of internet browsers (search, URL, etc.)

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	Students will be able to learn how to use computers.
②	h,i	Students will be able to use Microsoft Office and analyze data statistically.
③	f,h,i	Students will be able to create 3D models using Autodesk Fusion 360.
④	f,g,h,i	Students will be able to create and edit images using Adobe Photoshop.
⑤	f,g,h,i	Students will be able to draw and create illustrations using Adobe Illustrator.
⑥	i	Students will be able to review what you achieved using the Portfolio system.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	0	0	80	20	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	0	0	40	0	0	40
	Ability to think, reason and create	0	0	0	0	40	0	0	40
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	10	0	10
	Attitude and motivation for learning	0	0	0	0	0	10	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①		
	②		
	③		
	④		
	⑤		
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①	∠	Students are required to submit assignments for each topic to demonstrate the skills learned in class. Their evaluations will be based on their ability to execute software operations accurately. The grading will be divided as follows: 40% for the first half of the assignments (Fusion360 and Office) and 40% for the second half (Photoshop and Illustrator). **Students must submit all assignments. Failure to submit any one assignment will result in a deduction of points.**
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥		
Portfolios	①	∠	Portfolio evaluation is based on documentation of evidence of e-syllabus entry that reflects students' understanding of their gained learning skills.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are able to recognize computer capabilities and address related issues.	Students are able to use and manage computers effectively.
Students are able to utilize Microsoft software products, Adobe, and Autodesk as needed.	Students are able to use Microsoft Word, Excel, PowerPoint, Adobe Photoshop, Illustrator, and Autodesk Fusion 360, depending on the situation.
Students are able to create impressive work in other classes and projects.	Students are able to apply the skills they have learned to other classes and projects.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	・Syllabus explanation and Guidance ・Laptop and software set-up ・Fusion 360 Introduction to Fusion 360	Explanation of this course Lecture and getting started with Fusion 360	Finishing set-up of PC Preparation based on instruction	15
2 /	・Fusion 360 Understanding the basic tools of Fusion 360 and the process of sketching.	Lecture and practice of Fusion 360	Finishing assignments for this class Preparation based on instruction	25
3 /	・Fusion 360 Creating and exporting models for 3D printers and laser cutters	Lecture and practice of Fusion 360	Finishing assignments for this class Preparation based on instruction	25
4 /	・PowerPoint Creating a slide and presentation rule	Lecture and practice of Excel	Finishing assignments for this class	25
5 /	・Excel Reviewing how to use Excel	Lecture and practice of Excel	Finishing assignments for this class	25
6 /	・Excel Understanding basic statistics and normal distribution from data	Lecture and practice of Excel	Finishing assignments for this class Preparation based on instruction	25
7 /	・Word Reviewing how to use Word	Lecture and practice of Word	Finishing assignments for this class Preparation based on instruction	25
8 /	・Photoshop Understanding image repairing and resolution	Lecture and practice of Photoshop	Finishing assignments for this class Preparation based on instruction	25
9 /	・Photoshop Understanding the composition of images	Lecture and practice of Photoshop	Finishing assignments for this class Preparation based on instruction	25
10 /	・Photoshop Understanding the composition of images	Lecture and practice of Photoshop	Finishing assignments for this class Preparation based on instruction	25

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	・Illustrator Understanding Bezier curve	Lecture and practice of Illustrator	Finishing assignments for this class Preparation based on instruction	25
12 /	・Illustrator Understanding basic operations to create figures	Lecture and practice of Illustrator	Finishing assignments for this class Preparation based on instruction	25
13 /	・Illustrator Understanding image trace	Lecture and practice of Illustrator	Finishing assignments for this class Preparation based on instruction	25
14 /	・Illustrator Create printing data	Lecture and practice of Illustrator	Finishing assignments for this class Preparation based on instruction	25
15 /	・Illustrator Creating printing data and reviewing this class	Lecture and practice of Illustrator	Finishing assignments for this class	25

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S Specialized Required	Computer Skills IB	1	711000	Second	Exercises Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	MATSUSHITA, Omihito FUJISAWA, Takeshi	Hakusanroku C 101.201		

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Video editing	In modern days, computers are used everywhere and computational thinking is an essential for engineers in all fields. Students must be aware of how to use the Internet to their advantages for communicating their works to the world. In particular, students will learn about how to use software to express themselves and the technology related to the Internet.
2	HTML	
3	CSS	
4	Web Design	
5		

Course Description and Expectations for Students (10.5pt)

This course will offer research and experiential learning in class as a type of active learning.

In this course,
- There is no final examination.
- All assignments must be submitted.
- Late assignments may reduce students' score.

Advice for students:
- Involve in class activity. Do not be shy to ask some questions.
- Take care to stick to the submission date of all assignments.

Write what you achieved in this class in the portfolio for your own record and review.

Required Materials (textbooks, reference books, reserved books)
Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Fundamental operation of computer (left click, right click, double click, drag and drop, shutdown, start up, etc.)
Fundamental usage of internet browser (search, URL, etc.)
Fundamental usage of basic function of a PC (touch typing, file system, software installation, etc.)

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	Students will be able to learn how to use video editing software.
②	e,f,i	Students will be able to create their own videos.
③	h,i	Students will be able to understand technologies related to the Internet.
④	h,i	Students will be able to understand HTML & CSS.
⑤	f,h,i	Students will be able to edit web pages.
⑥	i	Students will be able to review what you achieved using Portfolio system.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	0	0	80	20	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	0	0	40	0	0	40
	Ability to think, reason and create	0	0	0	0	40	0	0	40
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	10	0	10
	Attitude and motivation for learning	0	0	0	0	0	10	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①		
	②		
	③		
	④		
	⑤		
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①	∠	To check the learned skills in class, students have to submit assignment for each topic. They are evaluated from the viewpoint of being able to execute correctly software operation for the first half (Premiere). 40% each is allocated for the first half of assignments (Premiere) and the second half (HTML). **Students must submit all assignments. If they do not submit even one of them, the grading of works will be 0.**
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥		
Portfolios	①	∠	Portfolio evaluation is based on documentation of evidence of e-syllabus entry that reflects students understanding of their gained learning skills.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are able to understand of capabilities of the software and learn from somewhere other than the teacher. Students are able to understand about HTML tags and CSS selectors, and customize all elements. Students are able to create an impressive work in other classes and projects.	Students are able to use software appropriately. Students are able to understand about HTML tags and CSS selectors. Students are able to apply the learned skills to other classes and projects.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	・Guidance ・Premiere Pro Basic operation of Premiere Pro	Explanation of this course Lecture and practice of Premiere Pro	Finishing assignments of this class	15
2 /	・Premiere Pro Fundamental method of editing videos	Lecture and practice of Premiere Pro	Finishing assignments of this class	15
3 /	・Premiere Pro Adding text and caption	Lecture and practice of Premiere Pro	Finishing assignments of this class	15
4 /	・Premiere Pro Chroma key composition	Lecture and practice of Premiere Pro	Finishing assignments of this class	15
5 /	・Premiere Pro Camera work and storyboard	Lecture and practice of Premiere Pro	Finishing assignments of this class	15
6 /	・Premiere Pro Creating own video	Project	Continuing the work	15
7 /	・Premiere Pro Creating own video	Project	Finishing assignments of this class	30
8 /	・Orientation + Basic web page structure Component Parts of a Web Page What is HTML?	Lecture and practice	Finishing assignments of this class	25
9 /	・Basic HTML Structure Exercises - Practice the basics of heading structure, paragraphs, lists, links, image tags, etc.	Lecture and practice Evaluated assignment (1)	Finishing assignments of this class	25
10 /	・CSS Basics and Styling Experience - Exercises in Basic CSS - Selector usage, class specification	Lecture and practice	Finishing assignments of this class	25

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	・Creating a simple web page with CSS - Arrange web page using CSS	Lecture and practice Evaluated assignment(2)	Finishing assignments of this class	25
12 /	・Introduction to Copilot and Project Preparation	Lecture and practice	Finishing assignments of this class	25
13 /	・ Project① : Web page design Using AI to design web pages	Self Study Evaluated assignment (3)	Finishing assignments of this class	25
14 /	・Project ② : Web page creation Using AI to create HTML & CSS	Self Study Evaluated assignment (3)	Continuing the work	25
15 /	・Project③ : Submission and review Review and check the understanding of what is learned so far	Self Study Evaluated assignment (3)	Submit your evaluated assignment	25

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept. S Specialized Required	Computer Skills IB	1	711000	Second	Exercises Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	MATSUSHITA, Omihito FUJISAWA, Takeshi	Hakusanroku C 101.201		

Course Objectives

Keywords (10.5pt)		Learning Objectives (10.5pt)
1	Video editing	In modern days, computers are used everywhere and computational thinking is an essential for engineers in all fields. Students must be aware of how to use the Internet to their advantages for communicating their works to the world. In particular, students will learn about how to use software to express themselves and the technology related to the Internet.
2	HTML	
3	CSS	
4	Web Design	
5		

Course Description and Expectations for Students (10.5pt)

This course will offer research and experiential learning in class as a type of active learning.

In this course,
- There is no final examination.
- All assignments must be submitted.
- Late assignments may reduce students' score.

Advice for students:
- Involve in class activity. Do not be shy to ask some questions.
- Take care to stick to the submission date of all assignments.

Write what you achieved in this class in the portfolio for your own record and review.

Required Materials (textbooks, reference books, reserved books)
Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites) (10.5pt)

Fundamental operation of computer (left click, right click, double click, drag and drop, shutdown, start up, etc.)
Fundamental usage of internet browser (search, URL, etc.)
Fundamental usage of basic function of a PC (touch typing, file system, software installation, etc.)

No.	Program Objectives	Target Abilities for Students (9pt)
①	i	Students will be able to learn how to use video editing software.
②	e,f,i	Students will be able to create their own videos.
③	h,i	Students will be able to understand technologies related to the Internet.
④	h,i	Students will be able to understand HTML & CSS.
⑤	f,h,i	Students will be able to edit web pages.
⑥	i	Students will be able to review what you achieved using Portfolio system.

Evaluation Criteria

Criteria and Ratio \ Evaluation Method		Exams	Quizzes	Reports	Presentations	Works	Portfolios	Others	Total
Total Evaluation Ratio		0	0	0	0	80	20	0	100
Comprehensive Strength Criteria	Ability to capture knowledge	0	0	0	0	40	0	0	40
	Ability to think, reason and create	0	0	0	0	40	0	0	40
	Collaboration and leadership	0	0	0	0	0	0	0	0
	Announcement / Expression / Communication	0	0	0	0	0	10	0	10
	Attitude and motivation for learning	0	0	0	0	0	10	0	10

* The numerical breakdown shown by Comprehensive Strength Criteria is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points (10.5pt)
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Reports	①		
	②		
	③		
	④		
	⑤		
	⑥		
Presentations	①		
	②		
	③		
	④		
	⑤		
	⑥		
Works	①	∠	To check the learned skills in class, students have to submit assignment for each topic. They are evaluated from the viewpoint of being able to execute correctly software operation for the first half (Premiere). 40% each is allocated for the first half of assignments (Premiere) and the second half (HTML). **Students must submit all assignments. If they do not submit even one of them, the grading of works will be 0.**
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥		
Portfolios	①	∠	Portfolio evaluation is based on documentation of evidence of e-syllabus entry that reflects students understanding of their gained learning skills.
	②	∠	
	③	∠	
	④	∠	
	⑤	∠	
	⑥	∠	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement (10.5pt)	Description of Standard Achievement (10.5pt)
Students are able to understand of capabilities of the software and learn from somewhere other than the teacher. Students are able to understand about HTML tags and CSS selectors, and customize all elements. Students are able to create an impressive work in other classes and projects.	Students are able to use software appropriately. Students are able to understand about HTML tags and CSS selectors. Students are able to apply the learned skills to other classes and projects.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	・Guidance ・Premiere Pro Basic operation of Premiere Pro	Explanation of this course Lecture and practice of Premiere Pro	Finishing assignments of this class	15
2 /	・Premiere Pro Fundamental method of editing videos	Lecture and practice of Premiere Pro	Finishing assignments of this class	15
3 /	・Premiere Pro Adding text and caption	Lecture and practice of Premiere Pro	Finishing assignments of this class	15
4 /	・Premiere Pro Chroma key composition	Lecture and practice of Premiere Pro	Finishing assignments of this class	15
5 /	・Premiere Pro Camera work and storyboard	Lecture and practice of Premiere Pro	Finishing assignments of this class	15
6 /	・Premiere Pro Creating own video	Project	Continuing the work	15
7 /	・Premiere Pro Creating own video	Project	Finishing assignments of this class	30
8 /	・Basic of Hyper Text Markup Language (HTML) Understanding tags for representing content and creating hyperlinks Understanding Lists and how to embed Media	Lecture and practice	Finishing assignments of this class	25
9 /	・Basic of Hyper Text Markup Language (HTML) Understanding data with tables.	Lecture and practice	Finishing assignments of this class	25
10 /	・Hyper Text Markup Language (HTML) Creating webpage with embedded videos.	Project	Finishing assignments of this class	25

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	・Cascading Style Sheets (CSS) Unser standing the Basic of CSS Understanding the Box Model	Lecture and practice	Finishing assignments of this class	25
12 /	・Cascading Style Sheets (CSS) Understanding Position Content	Lecture and practice	Finishing assignments of this class	25
13 /	・Cascading Style Sheets (CSS) Understanding Styling Text	Project	Finishing assignments of this class	25
14 /	・HTML & CSS Creating webpage with embedded videos with CSS.	Project	Finishing assignments of this class	25
15 /	・Assessment Review and check the understanding of what is learned so far	Self Study	Finishing assignments of this class	25

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept.S Specialized Required	Academic Foundation	1	711300	First	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	MATSUSHITA, Omihito	Hakusanroku C 101-201		

Course Objectives

	Keywords	Learning Objectives of the Course
1	Leadership competency	Students will learn the basics of attitudes, mindsets, and thinking skills necessary for learning and team projects. While recognizing the importance of competency and own characteristics, students will learn leadership competency and practice logical thinking, argument, and debate skills on the theme of technical and engineering issues, while applying this knowledge and considering the ethical points of views.
2	Logical thinking	
3	Argument	
4	Debate	
5	Ethical points of views	

Course Description and Expectations for Students

This course will offer group work and debate in class as a type of active learning.
In this class, students will understand and utilize their own characteristics and strength, acquire logical thinking and argumentation skills, and be able to express their own opinions on how to solve problems. Activities to practice logical thinking skill and argument skill by using technical and political issues in the field of IT and engineering as topics. After learning these skills, students will acquire practical skills through debate sessions conducted at the end of the semester.
Advice on taking this course:
•Have laptops or notebooks ready before class starts.
•Check e-syllabus often and download all files needed for lessons.
•Submit assignments on time.
•Enter a portfolio for self-records and review.
•Feel free to ask questions during office hour.

【Required Materials (textbooks, reference books, reserved books)】
Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites)

No.	Program Objectives	Target Abilities for Students
①	c.d.e.f.i.	Students will be able to understand the essence of leadership competency.
②	a.g.i.	Students will be able to gather necessary information through reference research.
③	f.i.	Students will be able to understand the logical thinking method.
④	c.f.i.	Students will be able to understand the argument method.
⑤	c.d.f.	Students will be able to understand and practice in the debate method.
⑥	i	Students will be able to record their portfolio and look back on themselves.

Evaluation Criteria

	Evaluation Method / Total Percentage	Exams	Quizzes	Reports	Presentations	Works	Portfolio	Other	Total
	Total Percentage	0	0	30	50	0	20	0	100
Comprehensive Strength Criterion	Ability to capture knowledge	0	0	10	10	0	5	0	25
	Ability to think, reason and create	0	0	10	10	0	5	0	25
	Collaboration and leadership	0	0	0	10	0	0	0	10
	Announcement / Expression / Communication	0	0	10	20	0	5	0	35
	Attitude and motivation for learning	0	0	0	0	0	5	0	5

※ The numerical breakdown shown by Comprehensive Strength Criterion is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Report	①	✓	Report includes the research summary of argumentation and other activity report. The format will be instructed in class.
	②	✓	
	③	✓	
	④	✓	
	⑤		
	⑥		
Presentation	①		Evaluate argument presentation and each student's role in the debate, as well as students' thinking and information literacy skills.
	②		
	③		
	④		
	⑤	✓	
	⑥		
Works	①		
	②		
	③		
	④		
	⑤		
	⑥		
Portfolio	①		Students will set their goals, evaluate, and reflect their own learning experience through the course. They need to record their change and growth in their portfolio as instructed.
	②		
	③		
	④		
	⑤		
	⑥	✓	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement	Description of Standard Achievement
Students are able to demonstrate the leadership competency in various group projects. Students are able to understand the technical and social background of the energy field relating electric power system. Students are able to gather necessary information through reference research. Students are able to demonstrate the logical thinking and argument skill. Students are able to understand and practice in the debate method. Students are able to sufficiently record their portfolio and look back on themselves.	Students are able to understand the key points of leadership competency. Students understand the key issues in the energy field relating electric power system. Students are able to gather some information through reference research. Students are able to understand the logical thinking and argument method. Students are able to understand and practice in the debate method. Students are able to record their portfolio and look back on themselves.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1 /	Guidance Understanding the purpose and expectation of learning - Sharing the purpose of studies - Portfolio introduction	Lecture and group work	Students report on the reflections on their learning expectation.	15
2 /	Understanding competency - Understanding the own strength and weakness - Goal setting	Lecture and group work	Students report on the reflections on their competency.	15
3 /	Leadership Practice 1 - Practice group interaction and negotiation.	Lecture and group work	Students report on the reflections on their leadership experience.	15
4 /	Leadership Practice 2 - Understanding the key roles of leaders and teams. - Understanding the roles of effective feedback. Portfolio Check	Lecture and group work	Students report on the reflections on their key leadership competency.	15
5 /	Leadership Practice 3 - Reflect on own leadership competency though group interaction.	Lecture and group work	Students report on the reflections on their leadership practice.	15
6 /	Basic method of logical thinking and argument - Through exercises, student can isolate problems, discover essence, and consider solutions. Portfolio check	Learning and exercises on finding the essence of the problem and considering solutions to it.	Students report on the reflections on their logical thinking experience.	20
7 /	Argument skills on engineering topic 1 - Students learn about the topic and then improve their logical thinking skills by arguing their opinions on the relating subject.	An engineering related topic will be lectured, and students will write a report on their opinions on each topic.	Preparation for the argument on the energy-related subject	30
8 /	Portfolio midterm reflection	The week after the lecture, students will present their own opinions.	Students report on the reflections on their argument.	10
9 /	Argument skills on engineering topic 2 Students learn about the topic and then improve their logical thinking skills by arguing their opinions on the relating subject, utilizing the information Literacy skills	An engineering related topic will be lectured, and students will write a report on their opinions on each topic.	Preparation for the argument on the energy-related subject	30
10 /		The week after the lecture, students will present their own opinions. They will recognize the validity and vulnerability of their opinions and develop logical argumentation skills.	Students report on the reflections on their argument.	10

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
11 /	Debate 1 Basic method of the debate		Students prepare for the debate subject.	30
12 /	Debate 2 Prepare for the debate round #1	Introducing basic debate method	Students prepare for the debate subject.	30
13 /	Debate 3 Debate round #1 Portfolio check	Research for the topic of energy field and prepare for argument and counter argument of round #1	Students prepare for the debate subject.	30
14 /	Debate 4 Prepare for the debate round #2	Research for the topic of energy field and prepare for argument and counter argument of round #2	Students prepare for the debate subject.	30
15 /	Debate 5 Debate round #2 Final Portfolio reflection		Students report on the reflections on their learning experience through the activities.	10

2025 Syllabus

Instructor with "＊"means an instructor with company experience

Field	Course Name	Credits	Course Code	Semester	Class Style
Dept.S Specialized Required	Fundamentals of Innovation	1	712600	Second	Lecture Class

Target Grade	Instructor	Office	E-mail Address	Office Hours
1	MATSUSHITA, Omihito / TSUDA, Akihiro / MEBUSAYA, Rattiya	HC 101-201		

Course Objectives

	Keywords	Learning Objectives of the Course
1	innovation	Students will be able to identify the key factors of innovation: different customer needs, sources of value, competitors, and effective team work. Students will learn how to improve value proposition by iteration.
2	Customer needs	
3	Sources of value	
4	Competitors	
5	Value proposition	

Course Description and Expectations for Students

This course will offer project-based learning and group discussion in class as a type of active learning in this class, students will learn the important factors of innovation bases on the five disciplines of innovation introduced by SRI International. Students will practice its elevator pitch framework and idea iteration process called value creation forum by team.

Advice on taking this course:
•Have laptops or notebooks ready before class starts.
•Check e-syllabus often and download all files needed for lessons.
•Submit assignments on time.
•Enter a portfolio for self-records and review.
•Feel free to ask questions during office hour.

【Required Materials (textbooks, reference books, reserved books)】
Textbooks:
Reference books:
Reserved books:

Knowledge/Skills Needed to Take This Course (Prerequisites)

Engineering Design IA: idea creation, value proposition
Academic Foundation: leadership competency, group discussion

No.	Program Objectives	Target Abilities for Students
①	a, g	Students will understand innovation and creativity
②	a, g	Students will obtain innovation mindset and skills
③	c, d, e	Students will be able to improve their ideas efficiently working in teams.
④	d, e, f	Students will be able to provide effective feedback.
⑤	f, g	Students will utilize all the knowledge in the class to convey their innovative ideas to others
⑥	a, b, i	Students will be able to record and creatively create portfolio and assess their own learning.

Evaluation Criteria

Evaluation Method / Total Percentage		Exams	Quizzes	Reports	Presentations	Works	Portfolio	Other	Total
Total Percentage		0	0	25	25	30	20	0	100
Comprehensive Strength Criterion	Ability to capture knowledge	0	0	5	5	7	5	0	22
	Ability to think, reason and create	0	0	5	5	7	5	0	22
	Collaboration and leadership	0	0	5	5	6	2	0	18
	Announcement / Expression / Communication	0	0	5	5	5	3	0	18
	Attitude and motivation for learning	0	0	5	5	5	5	0	20

※ The numerical breakdown shown by Comprehensive Strength Criterion is an approximate guideline for class management.

Evaluation Method

Evaluation Method	Target Ability		Evaluation Methods and Important Points
Exams	①		
	②		
	③		
	④		
	⑤		
	⑥		
Quizzes	①		
	②		
	③		
	④		
	⑤		
	⑥		
Report	①	レ	Reports mainly include individual activity worksheet. The format of the report will be announced by the instructors.
	②	レ	
	③	レ	
	④		
	⑤		
	⑥		
Presentation	①	レ	Students will give oral presentation about their projects. The format of the presentations will be announced by instructors, Teachers will grade on presentation contents and presentation Etiquette, Rubric will be provided as a group and individually.
	②	レ	
	③	レ	
	④	レ	
	⑤	レ	
	⑥		
Works	①	レ	Works mainly include group activity worksheet and presentation materials. The format of the works will be announced by the instructors.
	②	レ	
	③	レ	
	④	レ	
	⑤	レ	
	⑥		
Portfolio	①	レ	Portfolios will include progress and final personal reflection reports on own learning experience through the semester. The format of the portfolio will be announced by the instructors.
	②	レ	
	③	レ	
	④	レ	
	⑤	レ	
	⑥	レ	
Others	①		
	②		
	③		
	④		
	⑤		
	⑥		

Specific Achievement Criteria

Description of Ideal Achievement	Description of Standard Achievement
Students are able to explain about innovation. Students are able to explain about the different customer types and values. Students are able to explain about different types of competitors. Students are able to improve their ideas based on the value proposition mechanism.	Students are able to understand about innovation. Students are able to understand about the different customer types and values. Students are able to understand about different types of competitors. Students are able to understand the value proposition mechanism.

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
1	Introduction to Fundamentals of Innovation, Creativity vs Invention vs Innovation, SRI, Grouping/Ice breaking activity, ED Theme Introduction Elevator pitch format Self-reflection	- Class Guidance - Lecture - Team grouping - Ice breaking activity - ED Theme Introduction - Lecture - Elevator Pitch Preparation - Reflection	- Team - Individuals prepare for the idea and elevator pitch - Self-reflection	20
2	Elevator pitch Stakeholders / User Needs	- Elevator pitch - Lecture - Find needs and stakeholders (Team) - Group discussion\ - Reflection	- Generic Topic - Research: data list/collection - List of Users and Customers - Self-reflection	20
3	Empathy-Interview & Observation 1 Creating Potential Personas	- Lecture - Create Potential Persona - Lecture (Empathy, Poem) - Poem techniques Practice - Interview Techniques - 5 Whys? - Interview practice - Reflection	- Potential persona - Questions for Interview - Observation technique (practice/exercise) - Self-reflection	20
4 /	Empathy-Interview & Observation 2 Customer Journey Introduction (pain & touch points)	- Lecture - Customer Journey/Journey Map introduction - Interview?? And Observation? - Reflection	- Interview questions - Interview data - Observation data - Customer journey/Journey map (Hypothesis) before the real interview and observation - Self-reflection	20
5 /	Data Analysis: Empathy Map Persona Journey map (update if possible) Problem Statement	- Lecture - Empathy map: organize and analyze the interview data: Empathy Map - Update persona and journey map - Problem statement - Reflection	- Empathy map - Updated persona and journey map - Problem statement - Self-reflection	20
6	Validation: Users – Problem Fit to Problem – Solution Fit Value Proposition: What is “Value”? (Unique Value and Value Proposition) How Might We Statement	- Problem statement - Lecture - Value Proposition (VP) - VP Canvas - General Idea of Solution - HMW - Reflection	- Problem statement (Group) - Value proposition canvas (Group) - Generic idea of solution (Group) - HMW - Self-reflection	20
7	Find solution: Approach Brainstorming Rapid prototyping: Sketch Design Validation (Benchmark with users’ data)	- Lecture - Reflection	- Group final sketch - Self-reflection	20
8 /	Validation Innovation Impact and level of innovation	- Lecture - Rethink for group solution impact (especially on their users and customers) - Reflection	- Benchmark with users’ data Rethink of sketch - Self-reflection	20

Course Schedule

* In the "Time" column of the Assignments, the standard time required for the specified assignment is provided. For total-time credit courses, please take the time corresponding to each class for review and preview. (For example, in the case of a 2-credit course, please try to take 200 minutes per week.) Please follow the teacher's guidance for details.

Class No. Date	Class Content (10pt)	Method (10pt)	Assignments (10pt) (Preview and Review)	Time (Minutes)
9	NABC: Benefit Competitors	- Lecture - Mini exercises - Group benefits and competitors - Reflection	- Mini exercises - Group benefit and competitors - Self-reflection	20
10	Storyboard Validation iteration Introduction to Pitching	- Lecture - Create group storyboard - Lecture - Pitching preparation - Reflection	- Group storyboard - Validation data with storyboard - Validation data and iteration - Pitching deck and script - Self-reflection	20
11 /	VCF#1 and Feedback	- VCF#1 - Reflection	- Pitching and feedback (1st time) - Self-reflection	20
12 /	Feedback Review and Pitch iteration	- Pitching iteration - Reflection	- Pitching iteration - Self-reflection	20
13 /	Pitching Practice	- Wrap up before final pitch - Pitching practice - Reflection	- Final pitch deck and others - Self-reflection	20
14 /	VCF#2 (Final Pitch) and Feedback Pitching day	- VCF#2 Final Pitch - Give and received feedback - Reflection	- Final pitch - Feedback - Self-reflection	20
15 /	Wrap Up, Final Questions, Quiz	- Final reflection - Final Portfolio - Final group work report (in ppt) - Final development/improvement idea – Answer the question in the class (Individual)	- Final development/improvement idea (Individual) - Team member assessment - Final reflection - Final portfolio - Conclusion	20