

富山高等専門学校		開講年度	令和02年度 (2020年度)	授業科目	総合英語 V
科目基礎情報					
科目番号	0062		科目区分	一般 / 選択	
授業形態	授業		単位の種別と単位数	学修単位: 1	
開設学科	電気制御システム工学科		対象学年	4	
開設期	後期		週時間数	後期:2	
教科書/教材					
担当教員	青山 晶子				
到達目標					
The goal of this course is to establish the foundation of English ability, including characteristics and usage of English verbs in the context of science and engineering. Students are encouraged to obtain the skills in technical writing and learn how to express their knowledge and ideas in science and engineering in correct, clear and concise English.					
ルーブリック					
		Ideal Level of Achievement (Very Good)	Standard Level of Achievement (Good)	Unacceptable Level of Achievement (Fail)	
Words, phrases and sentences in the context of science and engineering		Students can correctly determine the structure of English words, phrases, and sentences and write correct and clear English sentences in the context of science and engineering.	Students can determine the structure of English words, phrases, and sentences almost correctly and write English sentences which are almost correct and clear in the context of science and engineering.	Students cannot determine the structure of English words, phrases, and sentences correctly or write correct and clear English sentences in the context of science and engineering.	
Spelling and pronunciation		Students can correctly spell out technical terms of junior high school level science and mathematics. Students can pronounce the basic expressions of scientific events, such as numbers, units, and formulae, of junior high school level science and mathematics in English fluently.	Students can spell out technical terms of junior high school level science and mathematics almost correctly. Students can fluently pronounce most of the basic expressions of scientific events, such as numbers, units, and formulae, of junior high school level science and mathematics in English.	Students cannot spell out technical terms of junior high school level science and mathematics correctly. Students cannot pronounce the basic expressions of scientific events, such as numbers, units, and formulae, of junior high school level science and mathematics in English.	
Analysis of paragraphs in the context of science and engineering		Students can accurately analyze the structure of paragraphs frequently used to describe scientific events. They can read and comprehend the information correctly.	Students can analyze the structure of paragraphs frequently used to describe scientific events almost accurately. They can read and comprehend the information almost correctly.	Students cannot analyze the structure of paragraphs frequently used to describe scientific events. They cannot read or comprehend the information correctly.	
学科の到達目標項目との関係					
学習・教育到達度目標 A-1 JABEE 1(2)(f) ディプロマポリシー 3					
教育方法等					
概要	Each class is carried out in the following procedure. (1) A computer-based review quiz of new words and useful expressions (2) Checking of the assignments (3) Confirmation of the words and useful expressions in the new unit (4) Practice reading aloud and complete the practice questions (5) Advanced questions and explanations				
授業の進め方・方法	Lectures				
注意点	The digital files of Japanese translation, explanation, and sound files are stored in the Teaching Material Folder on the school network. The contents of the textbook are those that students are familiar with and they are written in limited number of words with selected grammatical items. Please note:. ・ Be sure to prepare (answer, read aloud, reading comprehension). ・ Learn with the teaching materials (model reading, practice exercises etc.). ・ The contents of syllabus may change according to the student's degree of understanding. ・ Take the TOEIC IP test.				
授業計画					
		週	授業内容	週ごとの到達目標	
後期	3rdQ	1週	Lesson 6 Part 1, 2	Can use present perfect tense in science and engineering context. Can use "make + O + adjective / noun"	
		2週	Lesson 6 Part 3, 4	Can use "allow + O + to ~".Can use "be proportional to ~"	
		3週	Let's try	Can use the basic vocabulary in the field of electricity	
		4週	Lesson 7 Part 1, 2	Can use "prevent + O + from . . . ing". Can use "make + O + bare-infinitive"	
		5週	Lesson 7 Part 3,	Can use "without . . . ing". Can use the basic knowledge about affixes	
		6週	Lesson 8 Part 1	Can write an exclamation sentence. Can use "so ~ that . . . " to express degrees	
		7週	Lesson 8 Part 2	Can use "it is / was + adjective + to- infinitive". Can use the relative pronoun "what"	
		8週	Mid-term exam		

	4thQ	9週	Lesson 8 Part 3, 4	Can use "only A but also B". Can use "interrogative + to-infinitive". Can use "passive voice in perfect tense"
		10週	Lesson 9 Part 1, 2	Can express the basic knowledge on ions in English. Can express the basic knowledge on electrolysis in English.
		11週	Lesson 9 Part 3	Can express the basic knowledge on acid and alkali in English.
		12週	Lesson 10 Part 1, 2	Can express the basic knowledge about solar energy in English. Can express the basic knowledge on the law of conservation of energy in English.
		13週	Lesson 10 Part 3, 4	Can express the basic knowledge on potential energy in English. Can express the basic knowledge on energy conversion in English.
		14週	Consolidation	Can answer the SAT problems.
		15週	Term-exam	
		16週	Hand back papers to the students	Can identify the causes of the errors and answer the questionnair.

モデルコアカリキュラムの学習内容と到達目標

分類	分野	学習内容	学習内容の到達目標	到達レベル	授業週
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評価割合

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	合計
総合評価割合	90	0	0	0	10	0	100
Basic Ability	90	0	0	0	10	0	100
Technical Ability	0	0	0	0	0	0	0
Interdisciplinary Ability	0	0	0	0	0	0	0