有明工業高等専門学校	開講年度	平成31年度 (2019年度)	授業科目	科学技術英語

科目基礎情報

科目番号	0025	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: 2
開設学科	生産情報システム工学専攻	対象学年	専1
開設期	前期	週時間数	前期:1
教科書/教材	Presenting Science 2nd Edition		
担当教員	グランバイン リチャード		

到達目標

1．increase technical vocabulary in technical subjects
2．increase speaking fluency in technical subjects
3．give effective short presentations on technical subjects

ルーブリック

	理想的な到達レベルの目安	標準的な到達レベルの目安(可)	未到達レベルの目安
評価項目1	Student has a strong command of technical vocabulary	Student has a strong command of basic vocabulary	student lacks even basic vocabulary
評価項目2	Student can talk easily about their technical subject and field	Student can speak but with some difficultly about their subject and field	Student can not talk about technical subjects
評価項目3	student can give a strong presentation on their field or subject	student can give a middling presentation about their filed or subject	student is unable to make themselves understood in technical matters

学科の到達目標項目との関係

学習・教育到達度目標 A-1 学習・教育到達度目標 A-3

教育方法等

概要	Scientific and Technical English
授業の進め方・方法	Time will be divided between lecture/listening exercises and work on presentations Grades will be based on 2 presentations and textbook completion. The first presentation (video) will count 38 points, the second presentation (poster) will count 50 points, and the textbook will be graded based on completion and will count 12 points. 60 points is passing.
注意点	Basic command of English and knowledge of their technical specialty (TOEIC 400)

授業計画

		週	授業内容	週ごとの到達目標
前期	1stQ	1週	Syllabus and class intro	become familiar with class mechanics and methods/set up FB profile and join class page
		2週	Unit 1 What's your position?	be able to use prepositions when talking about technical subjects / practice producing related sentences on FB page
		3週	Unit 2 Precisely speaking	learn to use measurements and numbers / practice producing related sentences on FB page
		4週	Unit 3 Measuring the world	be able to talk about measurements / practice producing related sentences on FB page
		5週	Unit 4 What makes it happen	learn to use cause and effect transitions / practice producing related sentences on FB page
		6週	Unit 5 What's the difference	learn to compare and contrast / practice producing related sentences on FB page
		7週	Unit 6 What this means is	learning about definitions / practice producing related sentences on FB page
		8週	Presentations (introducing your topic and methods)	post 2-3 min video introducing your research
	2ndQ	9週	Unit 7 First, be sure to…	understanding and giving instructions / practice producing related sentences on FB page
		10週	Unit 8 Step by Step	describing / practice producing related sentences on FB page
		11週	Unit 9 Let me explain	explaining / practice producing related sentences on FB page
		12週	Unit 10 Make a record	reporting information/results / practice producing related sentences on FB page
		13週	Unit 11 Chance are…	possibility and probability / practice producing related sentences on FB page
		14週	Unit 12 Charting your presenation	graphs and diagrams and posters / practice producing related sentences on FB page
		15週	期末試験 Poster Presentations	
		16週	テスト返却と解説	

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

評価割合

	試験	発表	相互評価	態度	ポートフォリオ	その他	合計
総合評価割合	0	88	0	0	12	0	100
基礎的能力	0	88	0	0	12	0	100
専門的能力	0	0	0	0	0	0	0

分野横断的能力	0	0	0	0	0	0	0