

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	0013		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	応用物質工学専攻		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 difficulty 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 field 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 presentation		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
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