

松江工業高等専門学校		開講年度	令和03年度 (2021年度)		授業科目	実践工学英語	
科目基礎情報							
科目番号	0004		科目区分	専門 / 選択			
授業形態	授業		単位の種別と単位数	履修単位: 1			
開設学科	専門共通		対象学年	3			
開設期	後期		週時間数	2			
教科書/教材	In-class handouts and teacher prepared materials.						
担当教員	松田 節郎,堀内 匡,アシュラフル アラム,イビンス ニコラス						
到達目標							
1.)To acquire adequate practical and presentation skills for use in a global engineering environment through PBL techniques. 2.)To learn the reasons both historically and modern that has brought about the current need for SDG's. 3.)Gain confidence and fluency in expressing opinions and supporting reasons. 4.)Develop their ability to make individual presentations developed in a team environment. 5.)Work on pronunciation, intonation and other presentation skills.skills. ④Improve their listening and writing skills for both general and specific information.							
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		未到達レベルの目安		
評価項目1:Overall		Thoroughly understood the requirements of the course and excecuted them well.	Showed competent understand of the course and performed satisfactorily.		Showed little undstanding of the course which concluded in unsatisfactory results.		
評価項目2: Research		Reasearch into project has been thorough and many questions have been asked.	Research has been superficial. Information gathering should have been the main point.		The project has been seen like a simple activity with little serious as opposed to serious research.		
評価項目3: Final		Progressive disclosure through multiple stages building on existing student knowledge.	Staging doesn't flow well and transition between points could be improved.		Too much or too little information provided with no connectivity.		
学科の到達目標項目との関係							
全学科共通 G3							
教育方法等							
概要	The primary focus of this course is to acquire English communication skills for use in the engineering profession in a global context using SDG's as a central topic. The students will have three lectures based on how the current urgency has come about using historic and modern examples followed by an explanation of SDG fundamentals. The students, in groups, will work on and deliver a presentation based on a SDG topic of their choice.						
授業の進め方・方法	1.)Short Test - 30% (Several tests). Project Work and In-Class performance + Attendance - 10% 2.)Final Presentation – 60% (50% Teacher Evaluation, 10% Peer Evaluation)						
注意点	All students, regardless of ability, are expected to actively particpate as equally as possible in this course. Communication and cooperation with teammates is very important and efforts should be made to meet outside of class to collaborate.						
授業の属性・履修上の区分							
<input checked="" type="checkbox"/> アクティブラーニング		<input checked="" type="checkbox"/> ICT 利用		<input type="checkbox"/> 遠隔授業対応		<input type="checkbox"/> 実務経験のある教員による授業	
授業計画							
		週	授業内容		週ごとの到達目標		
後期	3rdQ	1週	オリエンテーション。Directions. Teacher Introduction. Student Self-Introduction.		Course outline. Guidance. Self-Introductions. How to use Google Meet, WBT. Form 1st groups.		
		2週	Lesson 1: Learning about SDG related goals 1. Refugees.		Students,in groups, are told they must leave Japan because of war. In groups they must decide what to take in their suitcase and why, then make short team presentation presentation.		
		3週	Lesson 2: Learning about SDG related goals 2. Water and SDG's.		Students, in groups must look at the ways they use water on a daily basis and present on how they could reduce water use effeiciently.		
		4週	Lecture 1: Earth History (Nick), SDG's Overview (Matsuda)		Explaining the fundamentals of time and the affects of human presence on Earth through a look at the world's history.		
		5週	Lecture 2: The Industrial Revolution (Alam) Short Test : Earth History + SDG's		How the use of the raw materials have been exploited to form modern society for good and for worse.		
		6週	Lesson 3: SDG's (Matsuda) Short Test : Industrial Revolution Vobabulary		Overview of SDG's. Topic planning and presentation overview. One topic/two groups. Form groups for Final Presentation.		
		7週	Guest Appearence from Matsue City Office		Native English speakers introduce the own counter and discuss realted SDG topics.		
		8週	Fieldwork		Plastic Waste, Renewable Energy, Natural Restoration related fieldwork.		
	4thQ	9週	Fieldwork/ Analysis (13:00 -16:20)		Plastic Waste, Renewable Energy, Natural Restoration related fieldwork and data analysis		
		10週	Preparation for final presentation. (Fieldwork) Short Test: SDG's Vocabulary		Teacher feedback		
		11週	Learning English Presentation Skills. Preparation for final presentation.		Teacher feedback		
		12週	Preparation for final presentation.		Teacher feedback		
		13週	Preparation for final presentation.		Teacher feedback		

		14週	Rehearsals for final presentation		Learning English Presentation skills.		
		15週	Final Presentations		5 students x 6 groups		
		16週					
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							
	Mid-Term Presentation	Final Presentation	Short Test	In Class Participation/Attendance	Attendance	合計	
総合評価割合	0	60	30	10	0	100	
基礎的能力	0	60	30	10	0	100	