

奈良工業高等専門学校		開講年度	令和04年度 (2022年度)		授業科目	グローバルエンジニアスキル	
科目基礎情報							
科目番号	0016		科目区分		一般 / 選択		
授業形態	講義		単位の種別と単位数		履修単位: 1		
開設学科	グローバル工学協働教育プログラム (GECEP) (ベーシックコース)		対象学年		3		
開設期	前期		週時間数		2		
教科書/教材	Barnaby Newbolt (著) Climate Change						
担当教員	Leigh McDowell						
到達目標							
The ability to use English technical terms, mathematical formulas, units, etc. to freely conduct basic communication in English while working in a specialized field.							
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		
Reading Skills	Understand the contents of the text accurately.		There are some mistakes, but can understand generally.		Many errors and poor understanding.		
Expression	Express your own ideas accurately.		There are some mistakes, but can express your own ideas generally.		Many errors and difficult to express your own ideas.		
学科の到達目標項目との関係							
教育方法等							
概要	When working as an engineer or researcher in the science and technology field in the future, it is necessary to smoothly communicate in English. In this lecture, students will learn English vocabulary related to science and technology and related English expressions, and will also be able to express their ideas logically in English on a given topic through individual / pair / group work.						
授業の進め方・方法	Work on language activities focusing on Speaking and listening. Discuss a given topic in pairs or groups to improve their English speaking skills.						
注意点	In order to achieve the above goal, students are required to review the text and review the lessons of the class, and actively engage in English learning.学習指針：地球環境問題に関する知識と理解力が求められる。 関連科目：グローバルチャレンジ、異文化交流、英語科科目 事前学習：英語ネイティブの発音を聞く練習を行うこと。授業で学ぶチャプターの英単語を事前に調べること。 事後展開学習：授業で学んだ内容を理解し、本文の英文音読を行うこと。各話題について英語で意見を述べること。						
学修単位の履修上の注意							
授業の属性・履修上の区分							
☐ アクティブラーニング		☒ ICT 利用		☒ 遠隔授業対応		☐ 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		
前期	1stQ	1週	Guidance		Explain the contents of the course, how to proceed, and marking policy.		
		2週	Keywords for the topic		Learn the outline and keywords of the textbook.		
		3週	Chapter1: What is climate change?		Understand the contents of Chapter 1 and discuss them in English.		
		4週	Chapter2: How does our climate work?		Understand the contents of Chapter 2 and discuss them in English.		
		5週	Chapter3: Getting warmer		Understand the contents of Chapter 3 and discuss them in English.		
		6週	Chapter4: Wetter – and drier		Understand the contents of Chapter 4 and discuss them in English.		
		7週	Chapter5: Extreme weather		Understand the contents of Chapter 5 and discuss them in English.		
		8週	Chapter6: Slow or sudden change?		Understand the contents of Chapter 6 and discuss them in English.		
	2ndQ	9週	Chapter7: How bad will it get?		Understand the contents of Chapter 7 and discuss them in English.		
		10週	Chapter8: Is it all bad?		Understand the contents of Chapter 8 and discuss them in English.		
		11週	Chapter9: Carbon		Understand the contents of Chapter 9 and discuss them in English.		
		12週	Chapter10: What are our governments doing?		Understand the contents of Chapter 10 and discuss them in English.		
		13週	Chapter11: What can you do?		Understand the contents of Chapter 11 and discuss them in English.		
		14週	Review		Understand the contents of Chapter 1~11		
		15週					
		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							
		Weekly Assianment		Class Participation		合計	

総合評価割合	80	20	100
基礎的能力	80	20	100