函館	工業高等	 等専門学校	開講年度	平成28年度 (2	2016年度)	授	 業科目	Engineering English I			
科目基础	 楚情報										
科目番号		0581			科目区分		専門 / 必	修 			
授業形態		授業			単位の種別と単位	位数	履修単位:				
開設学科		社会基盤	<u>工学科</u>	科		対象学年		4			
開設期		通年			週時間数	時間数 2					
教科書/教	材		y to science. Voca	bulary and concep	pts.						
担当教員		デイヴィ	ッド タケ								
到達目標	票										
2.Being	able to ana	alvze variou	sic concepts of sci is scientific concep on standardized te	its							
ルーブ!	ノック				_						
			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		Being able to u	understand basic ence in English	Being able to somewhat understand basic concept of science in English			Not being able to understand basic concept of science in English			
評価項目:	2		Being able to a scientific conce	analyze various epts	Being able to analyze some scientific concepts			Not being able to analyze any various scientific concepts			
評価項目:	3		Being able to perstandardized to	perform well on ests	Being able to perform adequately on standardized tests		rdized	Not being able to perform well on standardized tests			
学科の発	到達目標」	 頁目との関			•			•			
) JABEE学習・教育	 到達目標 (E-4) 函館		函館高東		Ę E			
教育方法		(,	, , , , , , , , , , , , , , , , , , ,							
概要	- · · ·	The scie	ence class will first	se will be divided into two parts. In each class we will first study review basic science concepts in including in textbook, for about 60 minutes. Then, students will be divided into smaller groups to studing tests such as TOEIC, and TOEFL. ce class will first deal with science basics and then move on to life science (biology). Students are to participate actively and prepare in advance each lesson.							
授業の進 上 注意点	め方・方法	3.Stude 4.Feel f 5.If stu	if you feel shy, ple nust always bring ints cannot use the ree to come to my dents study well in 放育到達目標評価:	eir cellphones in cl office to practice oclass, there will b	lass. English convers De very little hon	ation al nework	bout anyt				
授業計画	 あ	DADLL	(月到连口惊叶啊:	是 刘 武尉(0070 (D	1. 50 %, L 4. 5	, (0.70)	成	7 (D 1. 30 %, E 4. 30 %)			
JX × oll	<u>"</u>	週	授業内容			調ブレ	の到達目標	<u> </u>			
		1週	Introduction: Le	esson guidance		To be	be able to understand the objectives, valuation methods, and flow of the course.				
		2週	Thinking like a so	ientist		and te	e able to understand the concepts of science echnology in society.				
		3週	Thinking like a sc	ientist		and te	be able to understand the concepts of science I technology in society.				
	1stQ	4週	Units and data ar	nalysis		standa	be able to understand the international ndards of measurements and analysis. To lerstand the nature and history of scientific gress.				
		5週	Units and data ar	nalysis		standa	be able to understand the international ndards of measurements and analysis. To derstand the nature and history of scientific gress.				
		6週	Safety			experi	e able to understand how to perform riments in a safe environment				
前期		7週 8週	Test Review 前期中間試験					To review for the first test			
	2ndQ	9週	Test correction			during	e able to understand the mistakes made g the test.				
		10週	Cells and living o	cells and living organisms			able to understand the fundamental ures of all living things. To understand the tells divide. Social diversity and biological ation to environment.				
		11週	Cells and living o	rganisms		To be able to understand the fundamental structures of all living things. To understand the way cells divide. To discuss ecological diversity and biological adaptation to environment.					
		12週	Cells and living o		To be able to understand the fundamental structures of all living things. To understand the way cells divide. To discuss ecological diversity and biological adaptation to environment.						

				To be able to understand the fundamental				
		13週	Cells and living organisms	structures of all living things. To understand the way cells divide. To discuss ecological diversity and biological adaptation to environment.				
		14週	Test Review	To be able to review for the test				
		15週	前期期末試験					
		16週	Test correction	To be able to understand the mistakes made during the test.				
後期	3rdQ	1週	Plants, trees, and photosynthesis	To be able to understand the different parts of plants and their roles. To understand the way plants acquire nutrition through chemical processes. To identify the large groups of plants and trees. To understand the process of photosynthesis, and its role in the Earth ecosystems.				
		2週	Plants, trees, and photosynthesis	To be able to understand the different parts of plants and their roles. To understand the way plants acquire nutrition through chemical processes. To identify the large groups of plants and trees. To understand the process of photosynthesis, and its role in the Earth ecosystems.				
		3週	Plants, trees, and photosynthesis	To be able to understand the different parts of plants and their roles. To understand the way plants acquire nutrition through chemical processes. To identify the large groups of plants and trees. To understand the process of photosynthesis, and its role in the Earth ecosystems.				
		4週	Plants, trees, and photosynthesis	To be able to understand the different parts of plants and their roles. To understand the way plants acquire nutrition through chemical processes. To identify the large groups of plants and trees. To understand the process of photosynthesis, and its role in the Earth ecosystems.				
		5週	Plants, trees, and photosynthesis	To be able to understand the different parts of plants and their roles. To understand the way plants acquire nutrition through chemical processes. To identify the large groups of plants and trees. To understand the process of photosynthesis, and its role in the Earth ecosystems.				
		6週	Plants, trees, and photosynthesis	To be able to understand the different parts of plants and their roles. To understand the way plants acquire nutrition through chemical processes. To identify the large groups of plants and trees. To understand the process of photosynthesis, and its role in the Earth ecosystems.				
		7週	Test Review	To be able to review for the test				
		8週	後期中間試験					
	4thQ	9週	Test correction	To be able to understand the mistakes made during the test.				
		10週	Animals and reproduction	To be able to understand the classification of animals. To understand the life cycles of invertebrates and vertebrates. To understand the various vegetative and animal ways of reproduction. To introduce the basic concepts of genetics				
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		13週	Animals and reproduction	To be able to understand the classification of animals. To understand the life cycles of invertebrates and vertebrates. To understand the various vegetative and animal ways of reproduction. To introduce the basic concepts of genetics				
		14週	Final Test preparation	To get ready for the final test by reviewing the				
		15週	学年末試験	year-long class				
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		16週	Summary of the lesson and advice				To be able to understand the progress students made, and how to keep on improving				
モデルコアカリキュラムの学習内容と到達目標											
分類	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											
	試懸		発	表	相互評価	態度	ポートフォリオ	課題	合詞	†	
総合評価割合	\$ 80	80			0	0	0	20	100	100	
基礎的能力	0	0			0	0	0	0	0		
専門的能力	80	80			0	0	0	20	100		
分野横断的能	野横断的能力 0		0		0	0	0	0	0	0	