

高知工業高等専門学校		開講年度	令和04年度 (2022年度)	授業科目	テクニカルライティングⅡ
科目基礎情報					
科目番号	R5006		科目区分	専門 / 必修	
授業形態	講義・演習		単位の種別と単位数	履修単位: 1	
開設学科	SD ロボティクスコース		対象学年	5	
開設期	前期		週時間数	2	
教科書/教材	Effective Academic Writing 2nd Edition Oxford University Press / Science Research Writing For Non-Native Speakers of English Imperial College Press (Optional)				
担当教員	ガイン デニス				
到達目標					
This course is designed to help-non-native speakers of English to write abstracts of science research papers and graduation theses. Students who take the challenge to write academically often find it difficult to summarize their research. The course is aimed to provide students with not only the rhetorical tools needed to write an abstract, but also with the knowledge to critically evaluate the written quality of abstracts.					
ルーブリック					
	Ideal Level		Standard Level		Unacceptable Level
Abstract writing	Students are able to produce an abstract that has unity and coherence by including all the necessary components of an abstract.		Students are able to produce an abstract that has acceptable unity and coherence by including all components of an abstract.		Students are unable to produce an abstract.
学科の到達目標項目との関係					
学習・教育目標 (D)					
教育方法等					
概要	This is a one semester course. In the first quarter, a review of Technical Writing I will be provided. Especially the concepts of unity (essay and paragraph unity), and coherence, including the strategies to achieve it (parallel forms, using correct pronouns, ordering ideas, using transitions) will be reviewed. After the review of content from Technical Writing 1, the difference between technical essays, academic papers and graduation theses will be made clear. The role and purpose of an abstract will be highlighted. The fact that an abstract should have independent validity as a representation of a research article will be emphasized. At an early stage, students will learn about structure, length, grammar, vocabulary and style of abstracts. There will be no mid-term test. Instead, students will be given a project that requires them to write the abstract of a research article provided to them.				
授業の進め方・方法	The course will be offered in a blend of in-person teaching and project work.				
注意点	Purchase of the book: Science Research Writing For Non-Native Speakers of English Imperial College Press is optional but recommended.				
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	Introduction to Technical Writing 2 . Review of Technical Writing 1 content.	Explain outline and style of course. Remember and understand how essays are structured. Review unity.	
		2週	Review of Technical Writing 1 content.	Review unity and coherence.	
		3週	Abstract writing	Structure and models of abstracts	
		4週	Abstract writing	Grammar and vocabulary	
		5週	Abstract writing Abstract writing - Project I Students form groups of three and are provided with a research article that has no abstract. Students develop an appropriate abstract in their groups.	Phrases Students understand the research article and communicate an appropriate way for writing the abstract.	
		6週	Abstract writing - Project I Students develop an appropriate abstract in their groups.	Students understand the research article and develop an abstract	
		7週	Abstract writing - Project I Students develop an appropriate abstract in their groups.	Students continue on their project	
		8週	Abstract writing - Project I Students develop an appropriate abstract in their groups.	Students continue on their project. Students submit their abstracts.	
	2ndQ	9週	Project I Q&A	Students present their abstracts and discuss ways of improvement.	
		10週	Abstract writing - Project II Students form groups of three and are provided with a research article that has no abstract. Students develop an appropriate abstract in their groups.	Students understand the research article and communicate an appropriate way for writing the abstract.	
		11週	Abstract writing - Project II Students develop an appropriate abstract in their groups.	Students understand the research article and develop an abstract	

		12週	Abstract writing - Project II Students develop an appropriate abstract in their groups.	Students continue on their project
		13週	Abstract writing - Project II Students develop an appropriate abstract in their groups.	Students continue on their project
		14週	Project II Q&A	Students present their abstracts and discuss ways of improvement.
		15週	Test preparation	Students are well aware of the content of the test.
		16週	Test	

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
基礎的能力	人文・社会科学	英語	英語運用能力向上のための学習	自分の専門分野などの予備知識のある内容や関心のある事柄に関する報告や対話などを毎分120語程度の速度で聞いて、概要を把握し、情報を聞き取ることができる。	3	
				母国以外の言語や文化を理解しようとする姿勢をもち、教室内外で英語で円滑なコミュニケーションをとることができる。	3	
				関心のあるトピックについて、200語程度の文章をパラグラフライティングなど論理的文章の構成に留意して書くことができる。	3	
				関心のあるトピックや自分の専門分野のプレゼン等にもつながる平易な英語での口頭発表や、内容に関する簡単な質問や応答などのやりとりができる。	3	
				関心のあるトピックや自分の専門分野に関する論文やマニュアルなどの概要を把握し、必要な情報を読み取ることができる。	3	
				英文資料を、自分の専門分野に関する論文の英文アブストラクトや口頭発表用の資料等の作成にもつながるよう、英文テクニカルライティングにおける基礎的な語彙や表現を使って書くことができる。	3	
	工学基礎	グローバル化・異文化多文化理解	グローバル化・異文化多文化理解	それぞれの国の文化や歴史に敬意を払い、その違いを受け入れる寛容さが必要であることを認識している。	3	
				様々な国の生活習慣や宗教的信条、価値観などの基本的な事項について説明できる。	2	
				異文化の事象を自分たちの文化と関連付けて解釈できる。	2	
				それぞれの国や地域の経済的・社会的な発展に対して科学技術が果たすべき役割や技術者の責任ある行動について説明できる。	2	

評価割合

	Examination	Abstract Writing Project	合計
総合評価割合	70	30	100
Weight in percent	70	30	100