舞鶴工業高等専門学校	開講年度	令和02年度 (2020年度)	授業科目	工業英語

科目基礎情報

科目番号	0216	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	機械工学科	対象学年	5
開設期	後期	週時間数	2
教科書/教材	Printed Materials		
担当教員	大内 真一郎		

到達目標

1 Students can express themselves with 100 words per minute
2 Students can explain things related to computers in English well.
3 Students can easily learn about Information Technology in a foreign language.
4 Excellent communicative abilities.

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	Students can express themselves with 100 words per minute.	Students can express themselves with 70 words per minute.	Students can express themselves with 30 words per minute.
評価項目2	Students can explain things related to computers in English well.	Students can explain things related to computers in English well enough.	Students cannot explain things related to computers in English well.
評価項目3	Students can easily learn about Information Technology in a foreign language.	Students can somewhat learn about Information Technology in a foreign language.	Students cannot easily learn about Information Technology in a foreign language.
評価項目4	Excellent communicative abilities.	Fair communicative abilities.	Poor communicative abilities.

学科の到達目標項目との関係

学習・教育到達度目標 (E)

教育方法等

概要	【Course Objectives】 Students learn technical terms in English related to Electrical and Computer Engineering, by reading texts on computer language, so that they will be able to express their specialized knowledge in fluent English.
授業の進め方・方法	【授業方法】 The teacher will take attendance and use the printed materials, demanding active participation on the students' part. 参考書： Charles Petzold「Code」（Microsoft Press） 【学習方法】 To every class, students must bring the dictionary and the materials handed out in previous classes. They should read the text as closely as possible before the lesson and review afterwards as well. Learners should actively think about how they can describe the content of their NIT, Maizuru College studies in English. Current events and IT issues in the news should also be studied.
注意点	【定期試験の実施方法】 Two tests will be given in the regular class using lesson time, 60 minutes each. 【成績の評価方法・評価基準】 Evaluation will be based on the goals above. The learners will likely be evaluated based on a mid-term and end-of-semester test and assignment. Two tests will be worth 70%, and assignment 30%. 【教員連絡先】 大内真一郎 研 究 室　A棟３階（A-301） 内線電話　8906 E-mail: s.ouchi アットマーク maizuru-ct.ac.jp（アットマークは@に変えること。）

授業計画

		週	授業内容	週ごとの到達目標
後期	3rdQ	1週	Preface	1，2，3，4
		2週	Code and Combination	1，2，3，4
		3週	Braille and Binary Codes	1，2，3，4
		4週	Anatomy of a Flashlight	1，2，3，4
		5週	Seeing Around Corners	1，2，3，4
		6週	Telegraphs and Relays	1，2，3，4
		7週	Review	1，2，3，4
		8週	Mid-term examination in class	
	4thQ	9週	Our Ten Digits	1，2，3，4
		10週	Logic and Switches	1，2，3，4
		11週	Gates (Not Bill)	1，2，3，4
		12週	A Binary Adding Machine	1，2，3，4
		13週	But What About Subtraction?	1，2，3，4
		14週	Feedbacks and Flipflops	1，2，3，4
		15週	End-term examination in class	

		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

	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	60	0	0	0	40	0	100
基礎的能力	0	0	0	0	0	0	0
専門的能力	60	0	0	0	40	0	100
分野横断的能力	0	0	0	0	0	0	0