

富山高等専門学校		開講年度	平成31年度 (2019年度)		授業科目	海事システム工学特別研究 I	
科目基礎情報							
科目番号	0029			科目区分	専門 / 必修		
授業形態	実験・実習			単位の種別と単位数	学修単位: 5		
開設学科	海事システム工学専攻			対象学年	専2		
開設期	後期			週時間数	5		
教科書/教材							
担当教員	梶 伸司,中谷 俊彦,水谷 淳之介,河合 雅司,経田 僚昭,山田 圭祐,山本 桂一郎,保前 友高,山谷 尚弘,向瀬 紀一郎,福留 研一						
到達目標							
Throughout the year and two years, students acquire the method of literature survey, experimental, theoretical analysis method, and evaluation method on the special research theme related to the same maritime system under the supervisor, and nurture the research promotion ability. Foster the ability to understand the research plan, research method, and intermediate results of the research themselves and to publish research results at academic societies.							
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		
Evaluation item 1	The views on the subjects of consideration in line with the research theme are summarized, the contents are logically constructed, and hypotheses for problem solving can be appropriately established.		The views on the subjects of consideration in line with the research theme are summarized, the contents are logically constructed, and a hypothesis for problem solving can be established		It can be made a hypothesis for problem solving.		
Evaluation item 2	It can be expressed precisely and make enough presentation material to convey the intention to the audience.		It can be made a presentation material to convey your intention to the audience.		I can not make a presentation material to convey my intention to the audience		
Evaluation item 3	It can be accurately expressed and can make enough research proposal to convey the intention to the audience.		It can be made a research proposal to convey the intention to the audience.		It can not be made a research proposal to convey the intention to the audience		
学科の到達目標項目との関係							
教育方法等							
概要	It enhances comprehensive research and development capabilities, including planning, methods, evaluation and summary on research, especially ability to compile articles and presentation abilities.						
授業の進め方・方法	In order to foster comprehensive creative research and development capabilities related to maritime system engineering, active practice such as literature survey, theoretical analysis, experiment, discussion etc. is carried out under supervising teacher. The outcome will be discussed at the school's presentation. Through such experiences, develop planning ability and presentation ability required as a technician.						
注意点	Evaluate the results at the report meeting with two faculty members (chief and sub-investigators). Certified at over 60 points.						
授業計画							
		週	授業内容		週ごとの到達目標		
後期	3rdQ	1週	Thesis Research I				
		2週	Thesis Research I				
		3週	Thesis Research I				
		4週	Thesis Research I				
		5週	Thesis Research I				
		6週	Thesis Research I				
		7週	Thesis Research I				
		8週	Thesis Research I				
	4thQ	9週	Thesis Research I				
		10週	Thesis Research I				
		11週	Thesis Research I				
		12週	Thesis Research I				
		13週	Thesis Research I				
		14週	Thesis Research I				
		15週	Thesis Research I				
		16週	Thesis Research I				
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	0	0	0	0	0	0	0
基礎的能力	0	0	0	0	0	0	0
専門的能力	0	0	0	0	0	0	0
分野横断的能力	0	0	0	0	0	0	0