	富山高等東	門学校	開講年度 平成31年度 (2	2019年度)	授美	美科目	海運論 Ⅱ		
科目基				L	1				
科目番号		0220		科目区分 専門 / 必修					
授業形態		授業		単位の種別と単位		覆修単位:	1		
開設学科	4	商船学	科	対象学年		5			
開設期		前期		週時間数		2			
教科書/勃 担当教員			<u>'</u>	NDO-SHOTEN/ SHIPPING NOW Japan Maritime Center					
到達目		10/1/							
2. Unde 3. Unde	erstand the	safety me	ip cargo. asures and handling methods to be ta wledge and rules necessary to unload	aken when trans and manage ca	porting rgo.	dangeroi	us goods.		
<u>ルーブ</u>	リック		Ideal Level of Achievement	Standard Level	of Achie	evement	Unacceptable Level of		
			(Very Good) Can understand the type of ship	(Good) Can correctly u			Achievement (Fail) Can't understand the type of		
Evaluati	ion 1		cargo almost perfectly.	type of ship cargo.			ship cargo.		
Evaluati	ion 2		Can understand almost perfectly the safety measures and handling methods to be taken when transporting dangerous goods.	Can understand measures and I methods to be transporting da	handling taken w) hen	Can't understand the safety measures and handling methods to be taken when transporting dangerous goods.		
Evaluati	ion 3		Can understand almost perfectly the safety measures and handling methods to be taken when transporting dangerous goods.	and handling methods to be taken when transporting			Can't understand the safety measures and handling methods to be taken when transporting dangerous goods.		
	到達目標」	頁目との	関係						
<u>教育方</u> 概要	<u> </u>	Provide	e basic knowledge of cargo transport	handling, especi	ially safe	ety and e	quipment for transporting		
	 動方・方法		rous goods, as required by ship's office es by teachers alone.	cer.					
注意点	画	by ask	don't get the credits for this lecture, veraluation is less than 60 points, who ing for the procedure. results of the approval test permit the 授業内容	e acquisition of u	ınits, the		ion is 60 points.		
		1週	Guidance Shipping policy		Understand type and transition of shipping po				
		2週	International regulations on shippin	ng	Understand international regulations and PSC.				
		3週	Global Environment and Safe Navig	ation (1)	Understand history and details of the ISM Code. (1)				
前期	1.0	4週	Global Environment and Safe Navig	jation (2)	Understand history and details of the ISM Code. (2)				
	1stQ	5週	Marine insurance (1)		Understand type of ship insurance, PI insurance, and other insurance. (1)				
		6週	Marine insurance (2)		Understand type of ship insurance, PI insurance, and other insurance. (2)				
		7週	Midterm exam		Test on lecture content from 1st to 6th week.				
		8週	Handling and loading of cargo trans	sport (1)	Understand handling of general cargo, maintenance of stacking, disinfection of ships, etc (1)				
		9週	Handling and loading of cargo trans	sport (2)	Understand handling of general cargo, maintenance of stacking, disinfection of ships, etc. (2)				
		10週	Transporting dangerous goods (1)		Understand the IMDG CODE and how to transport and manage dangerous goods according to domestic rules. (1)				
		1			Understand the IMDG CODE and how to transport and manage dangerous goods according to domestic rules. (2)				
		11週	Transporting dangerous goods (2)		land ma	nage dar	ngerous goods according to		
	2ndQ	11週	Transporting dangerous goods (2) Oil transport and Safety (1)		and ma domest Underst	nage dar ic rules. cand chai	ngerous goods according to		
	2ndQ				and ma domest Underst structur etc. (1) Underst	nage dar ic rules. cand char re of tank cand char	ngerous goods according to (2) racteristics of ordinary cargo oil.		
	2ndQ	12週	Oil transport and Safety (1)	seafarers'	and ma domest Underst structur etc. (1) Underst structur etc. (2) Conside	nage dar ic rules. cand char re of tank cand char er the iss	racteristics of ordinary cargo oil, eers, cargo handling equipment, ees and development of		
	2ndQ	12週	Oil transport and Safety (1) Oil transport and Safety (2) Prospects for shipping industry and	seafarers'	and ma domest Underst structur etc. (1) Underst structur etc. (2) Conside oceange	nage dar ic rules. cand change of tank tand change of tank er the issoing ship	racteristics of ordinary cargo oil, cers, cargo handling equipment, cues and development of		

モデルコス	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
専門的能力		商船系分野(航海)	1	復原性と船の安全性	2				
				船の重心、浮心、低	2				
				復原力について、包括的に説明できる。				2	
	分野別の専			船舶の載貨能力、貨物の種類について説明できる。				4	
	門工学			燃焼の三要素について説明できる。				4	
				引火点、発火点、煤	4				
				危険物を輸送する際 る。	4				
				貨物を管理する上で	4				
評価割合									
Exami		nation Presentation		Mutual Evaluations between students	Behavior	Portfolio	Other í		t
総合評価割合	70	0		0	0	0	30 1)
Basic Ability	/ 35	0		0	0	0	15 5		
Technical Ability	35	0		0	0	0	15 50		
Interdiscipli y Ability	nar 0	0		0	0	0	0	0	