	教导	學計劃表	Syl	labus			
課程名稱(中文) Course Name in Chinese				學年/學期 Academic Year/Se		113/1	
課程名稱(英文) Course Name in English	Oceanography						
科目代碼 Course Code	MBT_56870	系級 Department & Year		開課單位 Course-Offering Department			
修別 Type	Requi red	學分數/時間 Credit(s)/Hour(s)		3.0/3.0			
授課教師 Instructor	/ /						
先修課程 Prerequisite							
	課	程描述 Cours	se Descrip	otion			
) Introduce marine science, geology.	focusing on man	ri ne bi ol ogy,	but cove	r basic marine phy	rsics, che	emistry, and	

text book: Oceanography: An Invitation to Marine Science 9e

The course will start on 9/11 (Monday) 13:00-16:00

Please read the chapter 1 first, there is a test before the course start. (Every week have a test

before the course start, so you need to preview the subject each week)

課程目標 Course Objectives

圖示說明Illustration : ● 高度相關 Highly correlated ○中度相關 Moderately correlated

授課進度表 Teaching Schedule & Content

週次Week	內容 Subject/Topics	備註Remarks
1	Introduction -	
2	Basic patterns in the marine environment –	
3	Marine microorganism -	
4	Open ocean-Phytopl ankton -	
5	Open ocean- Zoopl ankton -	
6	Blue Carbon -	
7	Diversity of Marine Vertebrates -	
8	Mollusca -	
9	Mildterm Exam	
10	-	
11	Sediments / Marine benthic organisms -	
12	Coral cryopreservation -	

13	Changes in paleo-ocean environment from fossil research() -							
14	Marine Chemistry() -							
15	TORI and RV Legend Vi si t & -							
16	Invite speech ()							
17	Fi nal Exam							
18								
教學策略 Teaching Strategies								
$\overline{\checkmark}$	Lecture ☐ Group Discussion ✓ Field Trip							
M N	1scel I aneous:							
	教 學 創 新 自 評 Teaching Self-Evaluation							
	(Innovative Teaching)							
	(PBL) (TBL) (SBL)							
	Flipped Classroom							
	(Social Responsibility)							
	Community Practice Industy-Academia Cooperation							
	(Transdisciplinary Projects)							
	Transdi sci pl i nary Teachi ng Inter-col l egi ate Teachi ng							
	Courses Co-taught with Industry Practitioners							
oth	er:							

配分項目 Items	配分比例	多元評量方式 Assessments							
	Percentage	測驗 會考	實作觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
() General Performance (Attendance Record)	10%	~	~	>					
Midter m Exam	30%	~							
Fi nal Exam	30%	~							
Homework and/or Assignments	30%	~	~						
Miscel I aneous									
		部	 量方式	浦充說明]				
	Grading & A	ssessme	ents Sup	plement	al inst	ruction	S		
	1.1 a1 de de 6 la	+ - (-h	la de	n .h.m				
Textbook & Ot	教科書與參考 her References							s, etc.)	
(1) Oceanography: An Invit	ation to Mari	ne Scie	ence, 9t	h Editi	on. by	Tom S.	Garri so	1	
(2) ()									
		L拟舆器	資訊,教師	個人網	址請列位	於本校	內之網址	<u>:</u>)	
課程	教材網址(含線.	上叙字》							
	ids & Teacher'	s Websi	ite(Incl				inform	ation.	
	ids & Teacher'	s Websi					; inform	ation.	
	ids & Teacher'	s Websi	ite(Incl				; inform	ation.	