② 图 z 東華大學 教學計劃表 Syllabus

	程名稱(中文) Name in Chinese		Academi			ester	114/1		
	程名稱(英文) Name in English	IC Layout Desi							
科目代碼 Course Code		EE33730	系級 Department & Year		開課單位 Course-Offering Department				
	修別 Type	Program	學分數/時間 Credit(s)/Hour(s)			1.0/			
I	授課教師 Instructor	/		'					
Pr	先修課程 /* ()/* ()/* Prerequisite								
課程描述 Course Description									
課程目標 Course Objectives									
1. 2. 3.									
	Cor	課程目標與系專業能 力相關性 Correlation between Course Objectives and Dept.'s Education Objectives							
A kno	To cultivate the basic								
B ver	To cultivate the basic ability of analysis								
C the	To train the auxiliary ability between the utilization of software tool and the verification of the hardware practice.								
D bet	To train the integrate ability between professional instinct in learning technique and engineering practice.								
E and	To fulfill the ability of group cooperation and teamwork competition.								
F fin	To fulfill the ability of question finding, logical analyzing, bottleneck overcoming and continuous learning.								
	the ability of academic ethics and concept of intellectual property								
H gl o	H global market and the have the basic ability of reading and conversation in English.								
圖示說明	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Weel	k	內容 Subject/Topics					備註Remarks		
1	Introduction								

2	1_HSPI CE							
3	2_CadenceComposer							
4	3_CadenceVirtuoso							
5	4_Cal i breDRC							
6	5_Cal i breLVS							
7	6_Cal i brePEX							
8	7_SPI CE Model							
9	Midterm Exa							
10	Experi ment(1)							
11	Experi ment (2)							
12	Experi ment (3)							
13	Experi ment (4)							
14	Experi ment (5)							
15	Experi ment (6)							
16	Fi nal Project(1)							
17	Fi nal Project (2)							
18	Fi nal Exam							
	教學策略 Teaching Strategies							
✓	Lecture Group Discussion Field Trip							
M1:	scel I aneous:							
	教 學 創 新 自 評 Teaching Self-Evaluation							
(I nnovati ve Teachi ng)							
✓	(PBL) (TBL) (SBL)							
	Flipped Classroom Moocs							
(Social Responsibility)							
	Community Practice Industy-Academia Cooperation							
(ransdi sci pl i nary Proj ects)							
	Transdi sci pl i nary Teachi ng Inter-col l egi ate Teachi ng							
	Courses Co-taught with Industry Practitioners							
ot he	r:							

	學期成績計算	算及多元	.評量方式	₹ Gradi	ng & As	sessmen	its		
配分項目	配分比例	多元評量方式 Assessments							
Items	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)									
Midterm Exam									
Fi nal Exam									
Homework and/or Assignments	40%								
Miscel I aneous ()	60%								
	Grading & A		量方式 ^z ents Sup			ruction	ıs		
Textbook & Oth	教科書與參考 per References							xs, etc.)	
	数材網址(含線 ds & Teacher'	s Websi	te(Incl	uding c		eaching			

其他補充說明(Supplemental instructions)