## ② 图 z 東華大學 教學計劃表 Syllabus

	名稱(中文) me in Chinese				學年/學期 Academic Year/Sem	114/1		
	名稱(英文) me in English	Research Seminar on Educational Technology						
	目代碼 cse Code	COE_73880	系級 Department & Year		開課單位 Course-Offering Department			
	修別 Type	El ecti ve	學分數/時間 Credit(s)/Hour(	s)	3.	.0/3.0		
	課教師 tructor	/	/					
	修課程 equisite							
課程描述 Course Description								
課程目標 Course Objectives								
1. 2. 3. 4.								
力相關性 系專業能力 Correlation bet Course Objecti Basic Learning Outcomes and Dept.'s Education						relation between burse Objectives and Dept.'s		
A ability in educational academic research								
To demonstrate the intelligence and ability of excellent educational administration and leadership.								
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								
Ch. 1. Foundations, Processes, Technologies, and Methods: An Overview of CSCL Through Its Handbook Ch. 2. Theories of CSCL								
3								
4	Epistemologies and Ontologies							
5	Ch. 3. A Conceptual Stance on CSCL History Ch. 4. An Overview of CSCL Methods							

6	Perspectives Ch. 6. Interrogating the Role of CSCL in Diversity, Equity, and Inclusion									
7	Ch. 7. Sustainability and Scalability of CSCL Innovations Ch. 8. Communities and Participation									
8	Ch. 9. Collaborative Learning at Scale Ch. 10. Argumentation and Knowledge Construction									
9	Midterm Exam									
10	Ch. 11. Analysis of Group Practices Ch. 12. Dialogism									
11	Ch. 13. Trialogical Learning and Object-Oriented Collaboration Ch. 14. Knowledge Building: Advancing the State of Community Knowledge									
12	Ch. 15. Matacognition in Collaborative Learning Ch. 16. Group Avareness	Ch. 15. Metacognition in Collaborative Learning								
13	Ch. 17. Roles for Structuring Groups for Collaboration Ch. 18. Collaboration Scripts: Guiding, Internalizing, and Adapting									
14	Ch. 19. The Roles of Representation in Computer-Supported Collaborative Learning Ch. 20. Perspectives on Scales, Contexts, and Directionality of Collaborations in and Around Virtual Worlds and Video Games									
15	Ch. 21. Immersive Environments: Learning in Augmented + Virtual Reality Ch. 22. Robots and Agents to Support Collaborative Learning									
16	Ch. 23. Collaborative Learning Analytics Ch. 24. Tools and Resources for Setting Up									
17	Ch. 27. Experimental and Quasi-Experimental Research in CSCL Ch. 28. Development of Scalable Assessment for Collaborative Problem Solving									
18	Fi nal Exam									
	教 學 策 略 Teaching Strategies									
<b>✓</b>	Lecture Group Discussion	Field Trip								
N/I	ílscel I aneous:									
	教學創新自評Teaching Self-Evaluation									
(	(Innovative Teaching)									
	(PBL) (TBL)	(SBL)								
	Flipped Classroom Mocs									
(	(Social Responsibility)									
	Community Practice Industy-Academia Cooperation									
(	(Transdi sci pl i nary Proj ects)									
	Transdi sci pl i nary Teachi ng Inter-col l egi ate Teachi	i ng								
	Courses Co-taught with Industry Practitioners									
ot he	er:									

學期成績計算及多元評量方式 Grading & Assessments									
配分項目	配分比例 Percentage	多元評量方式 Assessments							
Items		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)	20%								
Midterm Exam									
Fi nal Exam									
Homework and/or Assignments	80%								
Miscel I aneous			量方式						

評量方式補充說明

Grading & Assessments Supplemental instructions

## 教科書與參考書目(書名、作者、書局、代理商、說明)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

U. Cress, C. Rosé, A. F. Wise, & J. Oshima (Eds.), International handbook of computer supported collaborative Learning. Cham Springer.

## 課程教材網址(含線上教學資訊,教師個人網址請列位於本校內之網址)

Teaching Aids & Teacher's Website(Including online teaching information.

Personal website can be listed here.)

其他補充說明(Supplemental instructions)