Course Information	
Course title	Real-times Systems
Semester	103-1
Designated for	COLLEGE OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE GRADUATE INSTITUTE OF NETWORKING AND MULTIMEDIA
Instructor	TEI-WEI KUO
Curriculum Number	CSIE5063
Curriculum Identity Number	922 U1650
Course Syllabus	
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Course Description	課程大綱： 1. Introduction to Real-Time Systems 2. Real-Time Process Scheduling a. Single-Processor Scheduling b. Multiprocessor Scheduling 3. Resource Synchronization and Management 4. Sporadic Servers 5. System Analysis - the Rate Monotonic Analysis 6. System Synthesis 7. Overview on Real-Time Databases and Disk Scheduling 8. Real-Time Kernel Implementations
References	1.Jean J. Labresse, “MicroC/OS-II : The Real-Time Kernel,” 2nd Edition, CMP Books, 2002 (天瓏). 主要參考書籍： 2.Jane W.S. Liu, “Real-Time Systems,” Prentice Hall, 2000 (維科). 3.Kam-Yiu Lam and Tei-Wei Kuo, “Real-Time Database Systems: Architecture and Techniques,” Kluwer Academic Publishers, 2000.