

respect.copyright	
semester	1092
serial.number	32037
course.code	CI5011-*
instructor	Chung, Chih-Chung
course.name.chinese	LabVIEW 軟體系統設計
course.name.english	LabView Software System Design
credit	3
teaching.goal	"1.This course teaches students how to use LabView programming language, establish the basic concepts of programming, and familiar with essentials of program design method. 2.Using LabVIEW software to achieve the ability and control the signal processing, image processing, device control, application technology, etc."
teaching.content	"1. LabVIEW Environment 2. Elementary Teaching of LabVIEW 3. Intermediate Teaching of LabVIEW 4. Advanced Teaching of LabVIEW 5. Data Acquisition and Analysis 6. Demonstration of Control Application (signal processing, image processing, etc.) 7. Implementing the project plan in each group 8.Final report"
textbooks.references	No; lecture notes by lectures
self.compiled.rate	100
way.of.instruction	crsContent.teachType1 crsContent.teachType3 crsContent.teachType5
grading	"Progress report: 20%*3=60% Final report: 40%"
office.hour	"鐘志忠 Mon. & Wed. 9-10am, or by appointment"

course.domain	工程實務與應用、資訊應用	
core.competencies	course.rating	corresponding.assessments
Professional Knowledge in Civil Engineering	(3) Medium	Assignments , Attendance/Performance
The Ability of Planning and Implementing Research Projects	(4) High	Assignments , Presentation/Oral Exam , Practices/Experiments
The Ability in Writing Technical Papers	(4) High	Assignments , Presentation/Oral Exam , Attendance/Performance , Products/Creative Performance
The Ability in Research, Innovation, and Problem Solving	(5) Very High	Assignments , Presentation/Oral Exam , Attendance/Performance , Products/Creative Performance
The Ability of Interdisciplinary Integration and Coordination	(5) Very High	Assignments , Presentation/Oral Exam , Practices/Experiments , Products/Creative Performance
International Perspective and Concept of Sustainable Development	(4) High	Assignments , Attendance/Performance , Others
Leadership, Management, and Plan-Drawing Ability	(4) High	Attendance/Performance , Self Assessment/ Peer Assessment , Products/Creative Performance
The Ability of Lifetime Self-Learning	(5) Very High	Assignments , Practices/Experiments , Attendance/Performance , Products/Creative Performance