

Department of Computer Science and Information Engineering

Curriculum Requirements for Enrollees in the Academic Year 113 (Fall 2024)

Program	Four-year technical college program of the Day Division								
Group	None								
Class Type	Regular Class								
Special Program	None								
Curriculum Committee	Department Curriculum	113.04.25、113.09.03、114.04.29							
	College Curriculum	113.05.23、113.09.11、114.05.16							
	University Curriculum	113.06.03、113.09.23、114.06.09							
	Academic Affairs	113.06.03、113.09.23、114.06.09							
Graduation Credits /Study Duration	At least 128 credits required (normally 4 years).								
Credit Load per Semester	Students in Grades 1 and 2 must take no fewer than 16 credits and no more than 28 credits per semester. Students in Grades 3 and 4 must take no fewer than 9 credits and no more than 25 credits per semester.								
Required and Elective	Credits		Subject Category		Credits				
Required	76 Credits		General Education		19 Credits				
			Major Required		57 Credits				
			College Major		0 Credits				
Elective	52 Credits		General Education		8 Credits				
			Major Elective		44 Credits				
Graduation	Course Title		Description			Regulations/Notes			
Cross-disciplinary Credit Courses	Cross-disciplinary Program Learning(0/1)		Students must complete at least one (micro) credit program offered by their respective college before graduation, or a (micro) credit program from another college with the approval of their own college.			1.Regulations for the Establishment of Credit Programs			
Cross-disciplinary Credit Program	Digital Technology Micro- Credit Program Learning(0/1)		A Micro-Credit Program in Digital Technology offered by the student' s respective college			2.Guidelines for the Implementation of Interdisciplinary (Micro) Credit Programs			
Practical Project	Practical Project(2/2)		According to the regulations of each department			1.Regulations for the Implementation of “Practical Projects, Special Projects, Research Projects, and Graduation Design” 2.Regulations of Each Department			
Other Regulations									
Remarks	"Computer Course" means computer access is required (computer and internet usage fee). Graduation Requirements : 「G01」 : Cross-disciplinary Credit Program: Cross-disciplinary Learning 「G02」 : Cross-disciplinary Credit Program: Digital Technology Micro Program 「G04」 : Practical Project								
First Semester, First Year					Second Semester, First Year				
Course	Course	Course Name	Credits / Hours	Notes	Course	Course	Course Name	Credits / Hours	Notes
General Education	496818	Literary Appreciation and Expression	2/2		General Education	496518	Human Rights and Legal	2/2	
General Education	492001		2/2		General Education	496918	Practical Chinese	2/2	

General Education	4912C0	Physical Education(1)	2/2		General Education	492002	English (II)	2/2	
General Education	490318	Community Service & Learning(1)	0.5/1		General Education	4912D0	Physical Education(2)	2/2	
General Education	497A00		2/2		General Education	490418	Community Service & Learning(2)	0.5/1	
Major Required	40I066	Introduction to Computer Science	3/3	Computer Course	General Education Liberal Arts Elective	497B00		2/2	
Major Required	40IA26	Discrete Mathematics	3/3		Major Required	40IA41	Linear Algebra	3/3	
Major Required	40IA42	Programming Language(1)	3/3	Computer Course	Major Required	40IA43	Programming Language(2)	3/3	Computer Course
Major Required	40IA48	Physics	3/3		Major Required	40IA58	Laboratory of Physics	2/2	
Major Required	40IA49	Calculus	3/3		Major Elective	40INH2	Python Programming	3/3	Computer Course
23.5 Credits, 24 Hours					21.5 Credits, 22 Hours				
First Semester, Second Year					Second Semester, Second Year				
Course	Course	Course Name	Credits / Hours	Notes	Course	Course	Course Name	Credits / Hours	Notes
General Education	492003	English(III)	2/2		General Education	496418	Contemporary Taiwan and Moder World	2/2	
General Education	497C00		2/2		General Education	497D00		2/2	
Major Required	40IA23	Data Structure	3/3	Computer Course	Major Required	40IA16	Digital System Design	3/3	
Major Required	40IA36	Electronic Circuits	3/3		Major Required	40IA22	Computer Architecture	3/3	
Major Required	40IA46	Digital Logic Design	3/3		Major Required	40IA44	Practice of Electronic Circuits	3/3	
Major Elective	40IN02	Morality and Professional Ethics	2/2		Major Required	40IA53	Probability and Statistics	3/3	
Major Elective	40IN58	Electrical Circuits	3/3		Major Elective	40IN01	Career Consulting	2/2	
Major Elective	40IN60	Engineering Mathematics	3/3		Major Elective	40INL4	Data Base Management System	3/3	Computer Course
Major Elective	40INL1	Object Oriented Programming	3/3	Computer Course	Major Elective	40INL5	Java Programming	3/3	Computer Course
Major Elective	40INL2	Principle and Practice of Computer Network	3/3	Computer Course	Major Elective	40INL6	Embedded System Overview	3/3	Computer Course
Major Elective	40INL3	Web User Interface (UI) Design	3/3	Computer Course	Major Elective	40INL7	Frontend Web Development and Design	3/3	Computer Course
					Major Elective	40INP3	Information Security	3/3	Computer Course
30 Credits, 30 Hours					33 Credits, 33 Hours				
First Semester, Third Year					Second Semester, Third Year				
Course	Course	Course Name	Credits / Hours	Notes	Course	Course	Course Name	Credits / Hours	Notes
Major Required	40IA38	Algorithm	3/3	Computer Course	Major Required	40IA24	Operating Systems	3/3	
Major Required	40IA47	Microcomputer Theorem and Practice	3/3	Computer Course	Major Required	40IA50	Forums of Computer Science and Information Engineering	2/2	

[illegible]

37 Credits, 41 Hours	29 Credits, 31 Hours
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