

I-SHOU UNIVERSITY
Post-Baccalaureate 2-Year Bachelor's Degree Program
in Equipment Engineering
2-Year Curriculum for Students Admitted in Academic Year 2024

義守大學學士後二年制設備工程學士專班

113 學年度入學新生二年課程

****Curriculum Guideline****

Required Credits for Graduation :

48 credits in total, including 24-credit required courses (18-credit off-campus internship, 6-credit Chinese language courses) and 24-credit elective courses.

(畢業學分數：共 48 學分，含必修 24 學分(華語 6 學分及校外實習 18 學分)，選修 24 學分。)

*** All students must complete 30 credits by the end of the first year.***

First Year

大一課程表

Course Code	Course Title	Fall (上)	Spring (下)	Required/ Elective 必/選修	
A60217	Chinese Listening and Reading Training (I) 華語聽力與閱讀(一)	3		Required	
A60218	Chinese Listening and Reading Training (II) 華語聽力與閱讀(二)		3	Required	
A60200	Computer Programming 計算機程式	3		Elective	
A60203	Engineering Mathematics 工程數學	3		Elective	
A60521	Introduction to Electrical Engineering 電機概論	3		Elective	
A60845	Electric Machinery 電機機械	3		Elective	
A60847	Electric Machinery Laboratory 電機機械實驗	3		Elective	
A60202	Intelligent Control 智慧控制	3		Elective	
A60207	Control Engineering Laboratory 控工實驗	3		Elective	
A60210	Semiconductor Fabrication 半導體製程	3		Elective	
A60302	Semiconductor Fabrication Laboratory 半導體製程實驗	3		Elective	
A60317	Introduction to Internet of Things 物聯網概論	3		Elective	

A60313	Machine Learning 機器學習	3	Elective	
A60407	Artificial Intelligence 人工智慧	3	Elective	
A60416	Deep Learning 深度學習	3	Elective	
A60417	Data Mining 資料探勘	3	Elective	
A60212	Special Topic 專題實作	3	Elective	
A60419	Intelligent Image Analysis and Processing 智慧影像分析處理	3	Elective	
A60551	Internship of Computer Aided Design and Manufacturing 電腦輔助設計與製造實習	3	Elective	
A60211	Practice in mechanical workshop 智慧機械工廠實習	3	Elective	
A60312	Big Data Analysis 大數據分析	3	Elective	
Total		63		Required 6 Elective 57

Second Year

大二課程表

Course Code	Course Title	Fall (上)	Spring (下)	Required/ Elective 必/ 選修	
A60909	校外實習(一) Off-campus Internship (I)	3		Required	
A60910	校外實習(二) Off-campus Internship (II)	3		Required	
A60911	校外實習(三) Off-campus Internship (III)	3		Required	
A60912	校外實習(四) Off-campus Internship (IV)		3	Required	
A60913	校外實習(五) Off-campus Internship (V)		3	Required	
A60914	校外實習(六) Off-campus Internship (VI)		3	Required	Capstone 總結
Total		9	9		Required 18

