

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

義守大學設備工程專班  
113 學年度入學新生二年課程計畫表

**\*\*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 |  |
|-------------|-----------------------------------------------------------|----------|------------|-------------------------|--|
| A61217      | Chinese Listening and Reading Training (I)<br>華語聽力與閱讀(一)  | 3        |            | Required                |  |
| A61219      | Chinese Listening and Reading Training (II)<br>華語聽力與閱讀(二) |          | 3          | Required                |  |
| A61200      | Computer Programming<br>計算機程式                             | 3        |            | Elective                |  |
| A61202      | Intelligent Control<br>智慧控制                               | 3        |            | Elective                |  |
| A61203      | Engineering Mathematics<br>工程數學                           | 3        |            | Elective                |  |
| A61207      | Control Engineering Laboratory<br>控工實驗                    | 3        |            | Elective                |  |
| A61210      | Semiconductor Fabrication<br>半導體製程                        | 3        |            | Elective                |  |
| A61211      | Practice in mechanical workshop<br>智慧機械工廠實習               | 3        |            | Elective                |  |
| A61212      | Special Topic<br>專題實作                                     | 3        |            | Elective                |  |
| A61302      | Semiconductor Fabrication Laboratory<br>半導體製程實驗           | 3        |            | Elective                |  |
| A61312      | Big Data Analysis<br>大數據分析                                | 3        |            | Elective                |  |
| A61313      | Machine Learning<br>機器學習                                  | 3        |            | Elective                |  |

|        |                                                                      |    |          |                           |
|--------|----------------------------------------------------------------------|----|----------|---------------------------|
| A61317 | Introduction to Internet of Things<br>物聯網概論                          | 3  | Elective |                           |
| A61407 | Artificial Intelligence<br>人工智慧                                      | 3  | Elective |                           |
| A61416 | Deep Learning<br>深度學習                                                | 3  | Elective |                           |
| A61417 | Data Mining<br>資料探勘                                                  | 3  | Elective |                           |
| A61419 | Intelligent Image Analysis and Processing<br>智慧影像分析處理                | 3  | Elective |                           |
| A61521 | Introduction to Electrical Engineering<br>電機概論                       | 3  | Elective |                           |
| A61551 | Internship of Computer Aided Design and Manufacturing<br>電腦輔助設計與製造實習 | 3  | Elective |                           |
| A61845 | Electric Machinery<br>電機機械                                           | 3  | Elective |                           |
| A61847 | Electric Machinery Laboratory<br>電機機械實驗                              | 3  | Elective |                           |
| Total  |                                                                      | 63 |          | Required 6<br>Elective 57 |

## Second Year

### 大二課程表

| Course Code | Course Title                           | Fall (上) | Spring (下) | Required/ Elective 必/ 選修 |                |
|-------------|----------------------------------------|----------|------------|--------------------------|----------------|
| A61909      | 校外實習(一)<br>Off-campus Internship (I)   | 3        |            | Required                 |                |
| A61910      | 校外實習(二)<br>Off-campus Internship (II)  | 3        |            | Required                 |                |
| A61911      | 校外實習(三)<br>Off-campus Internship (III) | 3        |            | Required                 |                |
| A61912      | 校外實習(四)<br>Off-campus Internship (IV)  |          | 3          | Required                 |                |
| A61913      | 校外實習(五)<br>Off-campus Internship (V)   |          | 3          | Required                 |                |
| A61914      | 校外實習(六)<br>Off-campus Internship (VI)  |          | 3          | Required                 | Capstone<br>總結 |
| Total       |                                        | 9        | 9          |                          | Required 18    |

