

114/8/12	校課程委員會審議通過
114/8/1	院課程委員會審議通過
114/7/28	系課程委員會審議通過

畢業生至少應修 148 學分。

2. 三上必修「實習前職場素養訓練」，三下必修「工讀實務實(一)(四)」及「工讀自學英文」共 19 學分。

3. 每學期選課上限為 27 學分，大一至大二選課下限為 16 學分，大三、四選課下限為 9 學分。

4. 三上課程採取濃縮方式(原一週授課時數三小時的課程變更每週授課四小時)授課。

5. 必修範圍(二)、體能(四)於大三至大四、採異地進修教學。

6. 學生應修畢一個系所領域學程或第二專長學程。始得畢業。若選修院專業選修「跨領域專題課程」，可申請替代專業必修之「專題製作」課程。

7. 最低畢業學分規定：修滿大學學分總額 148 學分，其中應修習大學學分中，最低畢業學分之機械組與機電組為共同必修 41 學分，通識選修至少 8 學分(五業類，任選四類各 2 學分)，院專業必修 13 學分，專業必修 40 學分，專業選修修任選至少 46 學分，合計 148 學分。已修過之第一專長學程或跨系學分除外學分。分計為系專業必修學分。

8. 系專業必修分為精密機械核心課程模組(A組)、智慧製造跨領域學分課程(B組)、機械設計課程模組(C組)、3D 印刷課程模組(D組)。其中精密機械核心課程模組(A組)至少需修習 6 門課程，其他模組任選。修習機械系其他兩子系之專業選修，應各修 6 學分。分計為專業必修修分。

9. 修習本系榮譽學位學生須修「特色專題(一)(二)」，可免修英文簡報與文獻，將「科技英文閱讀與聽力訓練(一)(五)」為選，但英文多益成績達優者(700 分)可免修「科技英文閱讀與聽力訓練(一)(五)」。

10. 依大學部學則規定畢業應通過系專業能力畢業門檻，詳細說明「機械工程系專業能力畢業門檻及輔導要點」。

1. Students must obtain at least 148 credits before graduating.

2. Students must take "Professional Prior to Practical Training" in the first semester of the third year, "Curricular Practical Training I-IV" and "Self-Study English During Vocational Practice" in the second semester, totaling 19 credits.

3. For each semester, courses taken may not exceed 27 credits. Freshmen (1st year) and sophomores (2nd year) must take courses with at least 16 credits. Juniors (3rd year) and seniors (4th year) must take courses with at least 9 credits.

4. During the first semester, study load will be condensed (lectures that originally took 3 hours a week will be extended to 4 hours a week).

5. The required range (II), Physical Education (IV) are taught by off-campus teaching sites.

6. Students must complete either an interdisciplinary program or a second-specialization program as one of the graduation requirements. If taking the "Interdisciplinary capstone course" from college's elective courses, students can apply to replace the "Special Projects" from Department Professional Compulsory courses.

7. Minimum Graduation Credits Requirement: For students who have completed the second major credit program/interdisciplinary credit program, the minimum graduation credit structure is adjusted as follows: 41 credits from common compulsory courses, at least 8 credits from general education elective courses (from five categories, selecting any four categories, 2 credits each), 13 credits from college compulsory courses, 40 credits from department compulsory courses, and at least 46 credits from department elective courses making 148 credits in total. Credits obtained from the interdisciplinary or the second-specialization program will be counted as credits from department elective courses.

8. The department's elective courses are divided into the following modules: Precision Machinery Core Courses Module (Module A), Smart Manufacturing Interdisciplinary Credit Program Module (B), Mechanical Design Courses Module (Module C), and 3D Printing Courses Module (Module D). Among them, at least 6 courses must be taken from the Precision Machinery Core Courses Module (A), while the other modules can be chosen freely. A maximum of 6 credits from the professional electives of other classes within the Mechanical Engineering Department can be counted as professional elective credits.

9. Honor program students who intend to take this department's honor degree shall follow courses as mandatory courses: "Senior Capstone Project I - II", "Scientific Presentation in English", and "Technical English: Reading and Listening I-V." Those who have gained TOEIC score of 700 or more may skip "Technical English: Reading and Listening I-V."

10. According to "Academic Regulations for Undergraduate Studies", students must pass the departmental/professional competency threshold. For details, please refer to "Graduation Requirements for Professional Ability and Guidelines for Students in Department of Mechanical Engineering".