National Chung Hsing University Department of Chemical Engineering
Student Award Review and Recommendation Guidelines

Revised and approved in the Department Meeting on March 10, 2021 (Revision of Articles IV and V)

I. All students of the Department of Chemical Engineering at National Chung Hsing University shall apply according to these guidelines, and the applications will be reviewed and recommended by the Undergraduate or Graduate Affairs Committee.

II. **National Chung Hsing University Department of Chemical Engineering "Jing'e Award" Awarding Guidelines**：According to the National Chung Hsing University Jing'e Award Guidelines, in the first semester of each academic year, the Undergraduate Affairs Committee will select and recommend one student from the top three academic performers of the previous academic year. Students who have previously received this award during their studies are generally not recommended again.

III. **National Chung Hsing University Outstanding Key Award Guidelines**：According to the National Chung Hsing University Outstanding Key Award Guidelines, only students who have received the Jing'e Honor Medal are eligible. The Undergraduate Affairs Committee will recommend one student from those who have achieved an academic average of 80 or above and a conduct grade of 85 or above during their 4th (5th) year, 7th (9th) semester, based on academic excellence. In case of a tie in scores, the main subject grades (from the 15 required courses listed in the appendix, from freshman to senior year) will be used for comparison. If transfer students are involved in the evaluation, they must have completed at least 10 of the required courses at this university.

IV. **Standards for Recommendation of Honorary Members by the Phi Theta Kappa Honor Society of the Republic of China**：The recommendation will be made by the Undergraduate Affairs Committee and the Graduate School Committee. Undergraduate students will be recommended from among the outstanding Key Award recipients of the graduating class, while graduate students will be recommended based on academic performance and application materials, with priority given to those who are the first authors of SCI papers or domestic/international patents. Additionally, any student from the university or graduate school who, after graduation, has made outstanding contributions to academic research or social causes may also be jointly recommended by the Undergraduate Affairs Committee and the Graduate School Committee.

V. **National Chung Hsing University Outstanding Graduating Student Award Guidelines**：According to the National Chung Hsing University Outstanding Graduating Student Award Guidelines, one student with excellent moral, intellectual, or service performance will be selected from the undergraduate graduating class. The student with excellent moral and intellectual performance must have an academic average of 80 or above and a conduct grade of 85 or above in the 4th (5th) year, 7th (9th) semester. In case of a tie, the main subject grades will be used for comparison. The student with outstanding service performance must be an undergraduate graduating student with specific contributions to service, such as volunteer work, and must meet the required study period as specified by their department (excluding the current semester's grades at the time of application). Their academic average must be 60 or above, and their conduct average must be 85 or above.

◎Selection Method：

1. Moral and Academic Excellence Award：The department chair will convene a selection panel composed of class advisors and relevant professors before the end of February each year to select one outstanding student with both good moral character and academic performance from the department's graduating class (departments with double classes may select two students). The selected student will be submitted to the

Student Affairs Office for approval by the university president, and the award will be announced.

2. Service Award：Each department (degree program) may, before the end of February each year, convene a selection panel composed of class advisors and relevant professors to select graduating students who have shown enthusiasm for service and have concrete achievements in service. The selected student will be submitted to the Student Affairs Office for approval by the university president.

VI. **Principles for the Selection of Model Students from Secondary Schools and Above in Taichung City**: This award is limited to undergraduate graduating students. Both academic performance and conduct grades must be above 80. The winner will be selected by a vote of all students in the graduating class, with the student receiving the most votes being awarded.

VII. Other awards and scholarships will be coordinated and managed by the Undergraduate and Graduate Affairs Committees.

VIII. These guidelines are implemented upon approval by the departmental meeting, and the same applies to any revisions.

※Attachment 1: List of Required Courses from the 2nd Year, 1st Semester to the 4th Year, 1st Semester in the Department of Chemical Engineering.

1. Fundamentals of Computer Programming Languages（First Year, First Semester）-- 3
2. Material and Energy Balances（First Year, Second Semester）-- 3
3. Organic Chemistry（Second Year）-- 3+3
4. Physical Chemistry (Second year) -- 3+3
5. Engineering Mathematics I (Second Year, First Semester) -- 3
6. Engineering Mathematics II (Second Year, Second Semester) -- 3
7. Instrumental Analysis (Third Year, First Semester) -- 2
8. Instrumental Analysis Lab (Third Year, Second Semester) -- 1
9. Chemical Engineering Thermodynamics I (Third Year, First Semester) -- 3
10. Transport Phenomena and Unit Operations I (Second Year, Second Semester) -- 3
11. Chemical Reaction Engineering (Third Year, Second Semester) -- 3
12. Transport Phenomena and Unit Operations II (Third Year, First Semester) -- 3
13. Chemical Engineering Laboratory I (Third Year, First Semester) -- 1
14. Transport Phenomena and Unit Operations III (Third Year, Second Semester) -- 3
15. Chemical Engineering Laboratory II (Third Year, Second Semester) -- 1