School of Mechanical and Electrical Engineering

Academic Affairs Office (2026)

School of Mechanical and Electrical Engineering – ASIIN Certified Program ECTS Interim Conversion Rules

Article 1: In order to better align with international education trends, standardize and strengthen the supervision of student workload at this college, safeguard the legitimate rights and interests of students and the college, enhance the quality of talent cultivation, promote the high-quality development of education at our university, and better serve economic and social development, these Measures for the Monitoring of Student Workload are hereby formulated. These Measures apply exclusively to the ASIIN-certified programs within this college.

For the ASIIN-certified programs, the university will introduce both ECTS credits and a total student workload, building upon the existing credit system and teaching duration, in order to implement a student-centered educational approach grounded in academic responsibility.

Each ECTS unit corresponds to a total learning duration of 25–30 credit hours (representing the average for students), which encompasses both instructional time and student self-directed learning time. The student self-directed learning time includes, but is not limited to, previewing material, completing assignments, reviewing content, preparing for examinations, as well as conducting online searches for relevant information and engaging in self-directed exploratory activities centered on course knowledge.

ECTS credits may not fully align with the existing credit system; they depend on factors such as the difficulty of the course and the level of its cognitive objectives, and can be higher or lower than the original credit allocation. The initial setting of ECTS credits

incorporates faculty members' judgments based on their teaching experience, but must subsequently be revised and adjusted based on actual, continuous statistics of student learning time.

Article 2: These Management Measures aim to monitor and manage students 'workload through a scientific and systematic approach, ensuring that students' academic load remains within a reasonable range, promoting their well-rounded development, and enhancing the quality and effectiveness of teaching. The objective is to ensure that students' self-study time aligns with the allocation of self-study credits specified in the module handbook.

Article 3: Conversion Rules

As the college has not yet conducted any research or evaluation regarding students' self-study periods, and based on the current teaching practices of faculty members and the learning status of students, the following provisional ECTS credit conversion rules are hereby established:

(1) When calculating credits for this university and other universities in China, only the number of face-to-face teaching hours is considered. In China, 16 credit hours of theoretical instruction typically equate to 1 credit hour. In principle, 1 Chinese credit hour corresponds to 1 ETCS credit hour for theoretical courses.

(2) The credits for internship and practical courses (including graduation projects/theses) are calculated based on the number of practical weeks; in most cases, one practical week corresponds to 1 credit, with a specific conversion of 32 class hours. Typically, internship and practical courses are supervised by at least two instructors, and students also need to dedicate more self-study time. Therefore, 1 Chinese credit for internship and practical courses is converted into 2 ETCS credits.

Article 4: Revision of the Management Measures

These Measures constitute a provisional conversion management framework; upon subsequent collection of monitoring data and completion of an evaluation, the conversion rules will be revised, and these Measures will be updated accordingly.

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