

Credit Program of Administration Staff in the Precision Manufacturing Industry

Lunghwa University of Science and Technology



Introduction to the Program

The Credit Program of Administration Staff in the Precision Manufacturing Industry aims to strengthen students' professional practical abilities and bridge the gap between school education and industrial practicalities so that graduates can be employed and take on job tasks immediately after graduation. The courses of the program should thus focus on how to achieve such goals while improving the quality of teaching simultaneously. In addition to such required courses as Human Resources Management, Production and Operations Management, and the Psychology of Management, the program also develops professional courses that can satisfy industrial requirements and reinforce students' practical skills, e.g., Enterprise Resource Planning Practicalities, Customer Relationship Management, Seminars in Business Management, Organizational Management, Applications of Statistics, etc., so that students can acquire professionalism and work ethics in conformity with the actual needs of the society and corporations. Meanwhile, the collaborating corporation, TBI Motion Technology Co. Ltd., offers program students project themes they can work on. Students engaged in such projects are co-supervised by the university faculty and experts from TBI Motion Technology Co. Ltd., who can help students strengthen their practical skills and solve problems.

This program assists students in cultivating essential abilities as administration staff in the precision manufacturing industry. At this stage, TBI Motion Technology Co. Ltd. plans to train about 15 students. The implementation strategies are as follows:

(I) Freshmen are required to take basic courses in business, e.g., Calculus, Economics, Law for Science and Technology, and other basic courses.

(II) Sophomores are required to take professional courses on business management, including Marketing Management, Human Resources Management, Production and Operations Management, etc. The university will also hold seminars and invite experts to give lectures to inspire students' career interests and encourage them to join the program.

(III) In addition to advanced courses on business management such as Innovation and Enterprise, Organizational Management, Online Marketing, Business Strategy Management, Research Methods, etc., junior students of the program are encouraged to take relevant elective courses, e.g., Enterprise Resource Planning Practicalities, Customer Relationship Management, Seminars in Business Management, Practicalities of Business Administration Projects, Applications of Statistics, etc. Moreover, the program will arrange field trips to the management headquarter of the collaborating corporation and

factories so as to acquaint students with the practicalities of how the precision manufacturing industry operates.

(IV) In the first semester of the senior year, program students are encouraged to take such elective courses as Business Negotiations, Advertising, and Wealth Management. Students are given opportunities in class or during internship to cultivate essential professional abilities required for administration staff of the precision manufacturing industry. They are also allowed to intern at TBI Motion Technology Co. Ltd. or other collaborating corporations to gain hands-on experiences relevant to their future career. In the second semester of the senior year, all the students in the program are required to intern at TBI Motion Technology Co. Ltd. for the entire semester.

Proposed Prospects

Through industry-academia collaboration with TBI Motion Technology Co. Ltd. and the Industrial College, the program will be able to strengthen its cooperation with the machinery corporations in the neighboring industrial zone, provide quality administration staff for high-tech industries, reinforce industry-academia cooperation, and minimize the disparities between school education and industrial practicalities.

Collaborating Corporations,
Factories,
and Companies
TBI Motion Technology Co. Ltd

