

Credit Program of National Kaohsiung First University of Science and Technology and the ASE Group with its Supply Chain



Introduction to the Program

The Industrial College of this program is coordinated by the Supply Management Alliance (SMA) established by the semiconductor industry. National Kaohsiung First University of Science and Technology serves as an academic training unit of this alliance and is in charge of advocating the principles and expertise of the SMA and conducting training in accordance with industrial demands. Proposed by the Ministry of Economic Affairs, the SMA was co-established by the Industrial Technology Research Institute, the Institute for Information Industry, and the Supply Management Institute, Taiwan, other relevant units, and outstanding corporations of the semiconductor testing industry in Taiwan. This program integrates the current credit course frameworks of three departments at the College of Management: the Department of Logistics Management, the Department of Marketing and Distribution

Management, and the Department of Information Management. It started to plan required professional courses with the ASE Group last year. Each course in the proposed program includes off-campus on-site internships. Students can also intern at the ASE Group or its chain supply company during summer. As the ASE Group is currently experiencing a shortage of professional managers equipped with scientific knowledge of management, it is unwise to assign program participants to the production line without first training them. The Industrial College thus emphasizes both training and internships. Students need to study basic scientific knowledge first and each course is accompanied by off-campus on-site internships, which last six months. Each student signs an internship agreement with the ASE Group. The agreement details the rights and obligations of both parties involved.

National Kaohsiung First University of Science and Technology and the ASE Group have signed a letter of intent for collaboration in early 2013 to establish the Industrial College of Accredited Supply Management (ASM). Part of the agreement details the tasks that this program should provide assistance for: (1) recruitment for the program, (2) organization of professional courses and development of course materials, (3) team teaching, (4) student internships and decent stipends for student interns, and (5) employment of program graduates.

Off-campus internships consist of two parts. The first part is on-site practice, whereby students are assigned to the production line and are actively involved in the operation of a factory. The other part is semi-on-site practice in the form of a project, whereby students learn to identify problems of a factory and try to solve them.

Proposed Prospects

A training center of administration staff will be established to extend and expand the effects of the program, which will assist the university in strengthening the off-campus internship courses. The establishment of the Industrial College will also prompt personnel-training programs to reinforce the link between school education and industrial practicalities. The Industrial College of ASM will help students apply what they learn at the university to their future career.

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