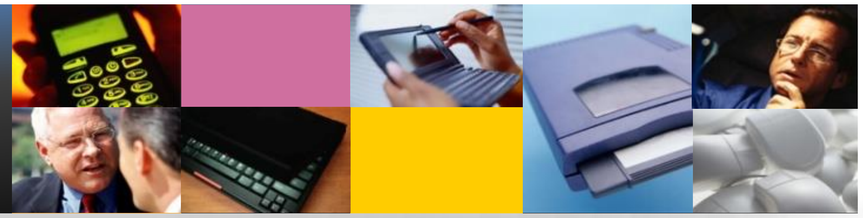
Students can be trained to design digital circuits with the help of computers. By using Max+Plus software, students can directly modify the design drawings to improve the quality and efficiency of the design. In addition, students can use computers to perform logical simulations through simulation tests and other methods, which can reduce the cost of circuit design and shorten the circuit design cycle.

Smart Automation Training Workplace **(J602)**

智慧科技應用系

Department of Intelligent Technology and Application



This department and the Department of Biomedical Engineering jointly applied for the “Industrial Testing and Production Industry Automation” received a subsidy of approximately NT$16 million from the Ministry of Education to purchase equipment and establish Wisdom Automation Group, to establish Wisdom Automation Practice Field.

The main purpose of the intelligent automation practice field

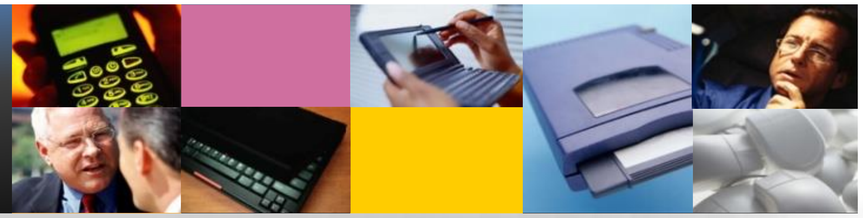
The smart automation practice field provides students with learning operations to cultivate the technical talents needed for smart automation

, Maintenance and design of intelligent automation systems or equipment and other professional skills.

System Software Lab. **(J705)**

智慧科技應用系

Department of Intelligent Technology and Application



Learn the ability of object-oriented design, be familiar with the development process of programming languages, and guide students to understand the basic structure, design principles and functions of Windows programs, and establish a good foundation.

Train students on the technical capabilities of software design on the open mobile phone platform and include integrated applications with back-end databases to develop various wireless communication service platforms.

Embedded System Lab.**(J706)**

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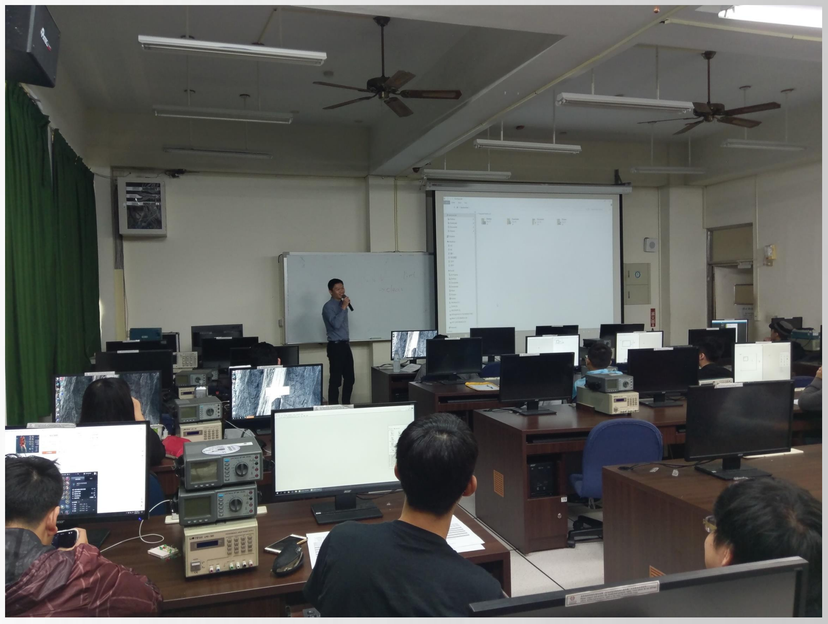
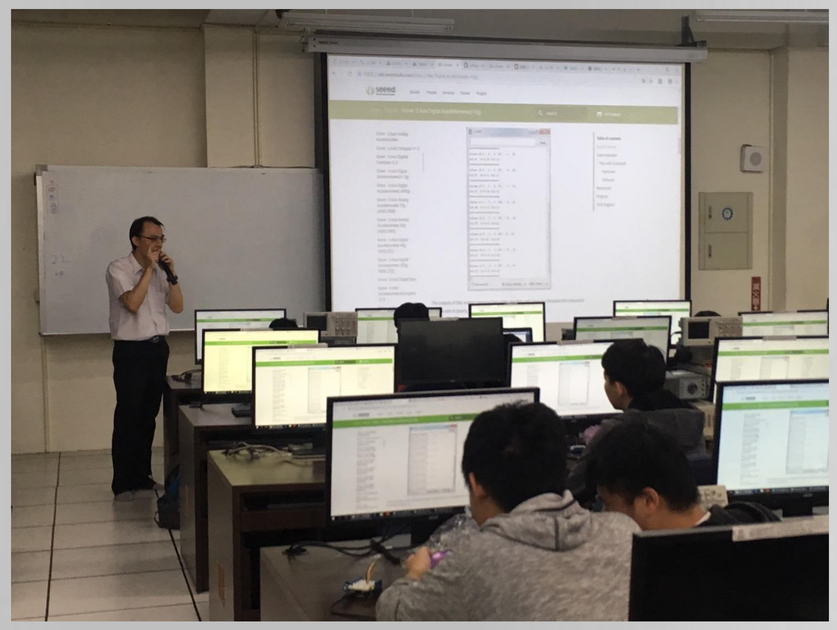
Department of Intelligent Technology and Application

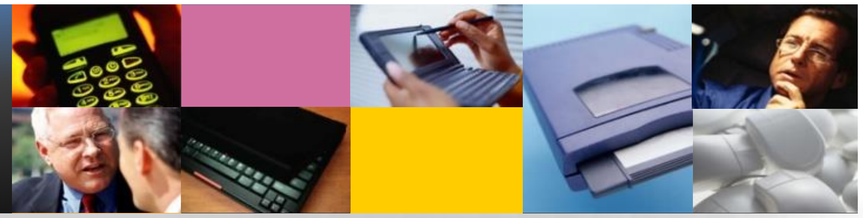
Learn to master the basic and advanced concepts of C language, common skills in embedded systems, and understand the maintainability and modularity of program architecture.
Cultivate the ability to write Linux hardware drivers, learn the functions and applications of Raspberry Pi, and learn embedded systems through Raspberry Pi.





Web & Database Application Lab. **(J707)**

智慧科技應用系
Department of Intelligent Technology and Application



Understand the significance and characteristics of ASP.NET web programming, use ASP.NET to build web architecture and write website client script programs, and develop web application systems.
Make students learn to use Visusal C# to design and implement database programs, including data model and SQL language for association; and use Visusal C# programs to design and develop projects, including database linking, data collection binding, field display, and display area Settings, data and navigation row set status, data insertion, update set delete server behavior.