

Department of Information Applications

Department Overview

The department is dedicated to cultivating entry-level talent in information systems and AI applications, digital game development, animation and visual effects, virtual production, and interactive technologies. Our curriculum is closely aligned with national industry policies and job market demands, ensuring graduates are well-prepared for emerging technological fields.

Alignment with National Key Industry Policies

The Taiwanese government is actively promoting high-tech industries, digital transformation, and innovative technology applications, identifying IT, artificial intelligence (AI), digital games, visual effects, virtual reality (VR), and augmented reality (AR) as priority development sectors. The department's educational goals strongly align with these initiatives, focusing not only on technical proficiency but also on fostering innovative thinking and practical skills. By training industry-ready professionals, we enhance graduates' market competitiveness and ensure they can seamlessly integrate into the workforce.

Integration with Yilan Science Park Development

Located in Yilan County, the department benefits from its proximity to Yilan Science Park, a hub for communications technology, software development, and digital creative industries. We maintain close collaborations with local enterprises, offering students internship opportunities and career pathways to gain hands-on industry experience during their studies. Additionally, our strategic location near Taiwan's northern and eastern high-tech industry hubs fosters strong partnerships with businesses and research institutions, further

boosting students' employment prospects.

Outstanding Employment and Graduate School Outcomes

As the first IT-related department established in Yilan, our graduates have pursued careers in private enterprises, government agencies, and academic institutions, achieving excellent employment rates. Our master's program boasts a 100% employment rate, while undergraduate students frequently secure IT-related jobs or pursue further studies. Several graduates have entered Ph.D. programs, with one alumnus already earning a doctorate and serving as an assistant professor.

Student Characteristics & Core Competencies

Graduates of our department are known for their humble, diligent, and pragmatic approach, a reflection of our emphasis on core competency development.

- Technical expertise is built through fundamental and specialized coursework.
- Innovative thinking is fostered through rigorous learning and diverse life experiences.
- Teamwork skills are cultivated through hands-on training in both professional and general education courses.

Our comprehensive curriculum ensures that students acquire industry-relevant skills, positioning them as key contributors to the IT and digital creative industries.

Educational Objectives

1. Cultivate a proactive service attitude
2. Train professionals in information applications

3. Emphasize both humanities and technological literacy
4. Develop innovative learning capabilities

The Department of Information Applications at Fo Guang University integrates IT with humanities and social sciences, emphasizing both theoretical and practical knowledge. We focus on social changes and the impact of technology on society, leveraging the university's rich humanities and social science resources to develop highly skilled IT professionals with technological expertise, cultural literacy, and social awareness. Our mission includes advancing automation in humanities technology and addressing information society issues, fulfilling the needs of both the nation and society.

Key Development Areas

1. Fundamental research in information technology
2. Interdisciplinary integration and development of IT-related fields
3. Bridging theory and practice through applied research
4. Industry-government-academia collaboration to support regional development