

INFORMATION ENGINEERING TECHNOLOGY

Mission Statement

The Division's mission is to insure that its graduates, in their full diversity, achieve mastery of the skill sets that will enable them not only to perform the professional work tasks in their respective fields competently but prepare them to assume roles as strategic team members who can apply innovative planning and problem-solving to further the goals of their organizations.

Student Learning Outcomes

UWF Information Engineering Technology graduates should be able to do the following:

Content

- Recognize and describe engineering technology construction concepts and processes in work environments
 - Accounting
 - Management
 - Construction administration
 - Engineering
 - Engineering Economy
 - Quality control principles
- Use professional terminology accurately
- Describe career opportunities available in the profession

Critical Thinking

- Apply complex problem solving strategies in technological contexts to support the strategic objectives of an organization
- Conduct appropriate research to design and develop information engineering technology plans
- Design, develop, implement, and maintain technology systems that promote efficient and effective use of resources

Communication

- Communicate effectively with clients, end-users, and customers orally and in writing
- Use technology effectively
- Use software tools to design and develop technology solutions (e.g., networks, computer assisted drawing, multimedia, websites) that promote the mission and goals of an organization

Integrity/Values

- Recognize typical ethical conflicts in the profession
- Practice appropriate ethical judgment

Project Management

- Work with others effectively to accomplish information engineering technology projects
- Deliver information engineering technology solutions on time
- Identify accurately own strengths and weaknesses as a problem-solver

Assessment of Student Learning Outcomes

Throughout their program, IET students demonstrate what they have learned through classroom assignments, hands-on activities involving laboratory and field work, as well as applied research and creative activities. The curriculum emphasizes collaborative and individualized projects, building skills of the specialization, teamwork, and project management that engage students in applying classroom knowledge to real-world applications. Case studies are used to frame many student learning experiences. All students participate in field experiences, senior projects, or internships as a capstone experience to the program.

Job Prospects for Graduates in Information Engineering Technology

Technical Support Specialist

Instructional Systems Technologist

Training Technology Supervisor

Telecommunications Specialist

Website Administrator

Network Administrator

Help Desk Support Specialist

Help Desk Coordinator

Distance Learning Technician

Field Engineer

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<http://uwf.edu/ect/>***