ENGINEERING TECHNOLOGY CONSTRUCTION

Mission Statement
The Division 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 Engineering Technology Construction graduates should be able to do the following:

Content
- Recognize, describe, and apply engineering technology construction concepts and processes in work environments;
  - Accounting
  - Management
  - Construction
  - Administration
- Use professional terminology accurately
- Describe career opportunities available in the profession

Critical Thinking
- Analyze real-world electrical engineering construction problems comprehensively
- Conduct appropriate research to design and develop construction plans
- Design, develop, and implement appropriate construction solutions

Communication
- Communicate effectively with clients, end-users, and customers orally and in writing
- Use technology effectively
- Integrate technology tools (e.g., computer-assisted drawing, surveying, and site layout applications into communications skills repertoire

Integrity/Values
- Recognize typical ethical conflicts in the profession
- Practice appropriate ethical judgment
Project Management
- Work with others effectively to accomplish construction projects
- Deliver engineering technology solutions on time
- Identify accurately own strengths and weaknesses as a problem-solver

Assessment of Student Learning Outcomes
Throughout their program, Construction 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. All students participate in field experiences, senior projects, or internships as a capstone experience to the program.

Job Prospects for Graduates in Engineering Technology Construction
Estimator
Field Engineer
Field Supervisor
Assistant Project Manager
Project Manager
Quality Control Technician
Safety Coordinator
Construction Superintendent

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