

## **BUILDING CONSTRUCTION**

### **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 Building Construction graduates should be able to do the following:

#### **Content**

- Recognize, describe, and apply construction concepts and processes in work environments:
  - Accounting
  - Management
  - Construction Methods
  - Administration
  - Engineering
  - Engineering Economics
  - Quality Control Principles
  - Ethics
- Use professional terminology accurately
- Describe career opportunities available in the profession
- Meet licensure requirements for industry

#### **Critical Thinking**

- Analyze real-world construction problems comprehensively
- Conduct appropriate research to analyze construction plans and complete take-offs
- 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 and modeling, surveying, and site layout, scheduling, estimating 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
- Use professional communication management and technology skills
- Read plans and specifications to achieve the goal of completing a project on time and within budget
- 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 Building Construction**

Estimator Project

Field Engineer

Field Supervisor

Assistant Project Manager

Manager

Quality Control Technician

Safety Coordinator

Construction Superintendent

***Find Out More about Building Construction at UWF:  
<http://uwf.edu/ect>***