

School of Career Education Program Learning Outcomes
From: AY18 Assessment Plan
Department: Career Education
Program Group: Construction Technology

Degree: AAS Construction Technology

1. Construction Technology AAS graduates will attain employment in the residential construction or related fields, and/or will continue in education in construction or related fields.
 - a. Graduates will be able to describe or utilize basic job safety, including; general construction site safety, personal protection equipment, good housekeeping, scaffolds and ladders, lifting and carrying, fire protection, first aid, electrical and chemical safety.
 - b. Graduates will demonstrate the ability to apply construction related techniques, skills, and tool use to varying construction projects.
 - c. Graduates will demonstrate the ability to use basic drafting and design skills. Designs will express an understanding of buildings as a system which includes, foundations, framing, building enclosures, mechanical, electrical, HVAC, and plumbing systems.
 - d. Graduates will have the skills to safely perform residential construction tasks in the categories of foundations layout, exterior and interior rough framing, finish carpentry, basic plumbing and electrical.
 - e. Graduates will be able to describe basic construction management principles including; planning, scheduling, estimating, and accounting as they apply in a small business

2. Construction Technology graduates will demonstrate proficiency in the program requirements and the criteria outlined in the University's basic six competencies.
 - a. Graduates will be able to effectively communicate using the professional language and concepts of construction technology. Where applicable this will include utilizing computer skills.
 - b. Graduates will be able to effectively apply basic analytical skills and mathematical reasoning in solving construction technology problems. Where applicable, computer technology will be used to assist in solving problems and formatting answers.
 - c. Graduates will be able to draw on a variety of information sources to assist them in communicating, analyzing and solving construction technology problems.
 - d. Graduates will be able to apply the fundamentals of professional behavior, responsibility, good work habits, and ethical decision making.
 - e. Graduates will be able to utilize a critical thinking approach to solving construction problems.