



Construction Technology

Associate of Applied Science (AAS) Degree Program

Division of Workforce Trades

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Construction Technology will prepare students with entry-level skills for the construction industry. This program provides the student the opportunity to obtain an AAS Degree or a Certificate in Building Trades. Throughout the coursework an emphasis is placed on critical analysis and applying hands on approach to become familiar with all aspects of carpentry, basic contracting, and supervisory skills, blueprints, and footing and foundations.

The Learning Outcomes from the Construction Technology degree program are as follows:

- 🔧 Students will be able to work safely on the construction site, apply up-to-date construction methods to produce acceptable products.
- 🔧 Develop the skills required to read and sketch construction drawings, construct basic framing structure and perform basic carpentry skills.
- 🔧 Students will develop the ability to plan, create and complete construction jobs.
- 🔧 Recognize terms and materials to apply in the construction industry.
- 🔧 Demonstrate and comprehend the necessary skills needed to read blue prints and apply that knowledge to complete a project.
- 🔧 Communicate and problem-solve effectively with supervisors, customers, and demonstrate competency in the field of construction.
- 🔧 Develop the skills and gain hands on experience necessary to work at an entry-level position in the construction field.

Students majoring in Construction Technology are required to take the Vocational General Core Requirements 1 – 5 for an Associate of Applied Science (AAS) Degree program on page 11-18 as well as the following major core courses in CORE 6 & CORE 7:

Core 6 – Building Trades			22 Credits Required		
Course #	Name of Course	Offered	Credits	Semester Taken	Grade
CON 103 \$	Intro to Building Trades/Shop Safety & Procedures	Fall	2		
CON 104	Concrete, Footing, Foundations	Fall	2		
CON 108	Blue Print Reading	Fall	2		
CON 110	Framing, Footing, Foundation Walls	Fall	6		
CON 120	Roof Construction	Spring	6		
CON 160	Dry Wall Application & Finishes	Spring	4		
Core 7 – Construction Technology			16 Credits Required		
BUS 190	Cost Analysis & Construction Management	Every	3		
CON 203	Basic Plumbing Fundamentals	Fall	1		
CON 204	Basic Electrical Fundamentals	Spring	1		
CON 240	Basic Survey & Soil Analysis	Spring	2		
CON 292	Finish Carpentry	Spring	2		
CON 293	Field Experience	Spring	6		
HPE 245	1st Aid & CPR	Every	1		
Total Core 6 & 7 Credits To Be Completed By Student			38		