

**CONSTRUCTION TECHNOLOGY**

This program of study emphasizes the skills needed in the commercial and residential construction industry.

- **Technical Certificate Option** - The Technical Certificate in Construction Technology is a two semester program that contains technical and advanced technical courses.
- **Associate of Applied Science Degree Option** - The Associate of Applied Science degree, in Construction Technology, is a four semester program that contains technical, advanced technical and **general education courses**.

**Admission Criteria:** Placement test and preadmission advising.

**Technical Education Courses**

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
ENV 102	Safety Orientation (OSHA 10)	1	CON 115	Intermediate Carpentry	3
CON101	Introductory Craft Skills	3	CON 125	Floors, Walls, & Ceiling and Framing	4
CON105	Construction Math	1	CON 132	Roof & Framing	3
CON111	Carpentry Basics	4	CON 137	Windows, Doors and Stairs	3
CON152	Construction Skills	5	CON 165	Insulation, Roofing, Exterior Finish	3
CON157	Concrete Applications	4	CON 175	Steel Framing and Drywall	2
<b>Semester Total</b>		<b>18</b>	<b>Semester Total</b>		<b>18</b>
<b>Total Technical Certificate Credits</b>					<b>36</b>

**General Education Courses.....Credits**

COM 102 Interpersonal Communications or COM 105 Public Speaking .....	3
CSA 105 Introduction to Computer Applications and Concepts .....	3
ENG 100 Technical Writing or ENG 101 English Composition I .....	3
HUM 101 Ethics in the Workplace or PSY 101 General Psychology.....	3
MAT 101 Technical Math or MAT 150 College Algebra .....	3

**TOTAL GENERAL EDUCATION CREDITS.....15**

**TOTAL RELATED ELECTIVE CREDITS.....9**

**TOTAL AAS PROGRAM CREDITS.....60**

**ASSOCIATE OF APPLIED SCIENCE PROGRAM OUTCOMES**

- Develop a basic understanding and demonstrate the ability to perform the entry level skills in structural framing.
- Develop a basic understanding and demonstrate the ability to perform the entry level skills in concrete forming and finishing.
- Develop a basic understanding and demonstrate the ability to perform the entry level skills in interior and exterior finishing.
- Develop human relation skills and a professional behavior for the workplace, including appropriate attire for business, attendance, and professionalism.
- Develop an understanding of the importance of work related skills such as: working independently, teamwork, being shop foreman for a week, following instructions, time management, problem solving and critical thinking.
- Become proficient in construction math, blueprint reading, and tape measure calculations.

**GENERAL EDUCATION PROGRAM OUTCOMES**

- Compose coherent written communication.
- Deliver coherent oral communication.
- Show proficiency in locating, analyzing, documenting, and ethically using information sources.
- Perform and interpret calculations.
- Develop logical problem solving skills and/or critical thinking skills.
- Identify appropriate strategies for gathering, analyzing, and displaying data to draw conclusions from scientific data.

- Collaborate effectively, which cultivates a respect for human diversity.
- Demonstrate technology literacy appropriate to area of study.

