

# CONSTRUCTION TECHNOLOGY (AAS)

**Catalog Effective Term:** Fall 2025

**Program Code:** APCONT

**Credential:** Associate in Applied Science

*High Demand Occupation, High Wage Occupation*

This Associate of Applied Science degree provides students with a hands-on pathway for entering the construction industry. Courses are carefully selected to align with the specific skill sets required for a variety of construction tasks, including framing, finishes, mechanical systems, and advanced masonry. Students will gain experience with production processes, advanced construction techniques, and the interpretation and application of building codes. This program helps students prepare to sit for the Michigan State Builder's License Exam.

Upon completion of this degree, students will earn three credentials:

- Construction Technology I Certificate (CTCON1)
- Construction Technology II Advanced Certificate (CVCON2)
- Associate of Applied Science in Construction Technology (APCONT)

## Program Admission Requirements

An Academic Math level of 3 is required for CON 204, 205, 230, 235, 240, 255, 260, and 270.

**Minimum Credits Required for the Program: 61**

## Full-Time Students

Course	Title	Credits
<b>First Semester</b>		
CON 108	Introduction to Construction Technology	2
ENG 111	Composition I	4
MTH 157	Technical Mathematics	3
CMG 130	Construction Site Safety and OSHA Regulations	3
Soc. Sci. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#socbehavsci">https://coursecatalog.wccnet.edu/academics/general-education/#socbehavsci</a> )		3
<b>Credits</b>		<b>15</b>
<b>Second Semester</b>		
CON 104	Construction Framing I	3
CMG 180	Application of Construction Materials	3
CON 235	Construction - Building Codes and Prints	3
Arts/Human. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#arthuma">https://coursecatalog.wccnet.edu/academics/general-education/#arthuma</a> )		3
Speech/Comp. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#writing">https://coursecatalog.wccnet.edu/academics/general-education/#writing</a> )		3
<b>Credits</b>		<b>15</b>
<b>Third Semester</b>		
CON 105	Construction Framing II	3
CON 204	Construction Finishes - Interior	3
CON 205	Construction Finishes - Exterior	3
CON 255	Construction Concrete and Masonry	3

Nat. Sci. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#naturalsci">https://coursecatalog.wccnet.edu/academics/general-education/#naturalsci</a> )		3
<b>Credits</b>		<b>15</b>
<b>Fourth Semester</b>		
CMG 225	Construction Builders License	4
CON 230	Construction Production	3
CON 240	Construction - Advanced Finishes and Techniques	3
CON 260	Construction Remodeling	3
CON 270	Construction Mechanicals	3
<b>Credits</b>		<b>16</b>
<b>Total Credits</b>		<b>61</b>

## Part-Time Students

Course	Title	Credits
<b>First Semester</b>		
CON 108	Introduction to Construction Technology	2
MTH 157	Technical Mathematics	3
Soc. Sci. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#socbehavsci">https://coursecatalog.wccnet.edu/academics/general-education/#socbehavsci</a> )		3
<b>Credits</b>		<b>8</b>
<b>Second Semester</b>		
CON 104	Construction Framing I	3
CMG 130	Construction Site Safety and OSHA Regulations	3
CON 235	Construction - Building Codes and Prints	3
<b>Credits</b>		<b>9</b>
<b>Third Semester</b>		
ENG 111	Composition I	4
Arts/Human. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#arthuma">https://coursecatalog.wccnet.edu/academics/general-education/#arthuma</a> )		3
<b>Credits</b>		<b>7</b>
<b>Fourth Semester</b>		
CON 105	Construction Framing II	3
CON 204	Construction Finishes - Interior	3
CON 205	Construction Finishes - Exterior	3
<b>Credits</b>		<b>9</b>
<b>Fifth Semester</b>		
CON 230	Construction Production	3
CON 240	Construction - Advanced Finishes and Techniques	3
CON 260	Construction Remodeling	3
<b>Credits</b>		<b>9</b>
<b>Sixth Semester</b>		
Nat. Sci. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#naturalsci">https://coursecatalog.wccnet.edu/academics/general-education/#naturalsci</a> )		3
Speech/Comp. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#writing">https://coursecatalog.wccnet.edu/academics/general-education/#writing</a> )		3
<b>Credits</b>		<b>6</b>
<b>Seventh Semester</b>		
CON 255	Construction Concrete and Masonry	3
CMG 180	Application of Construction Materials	3
<b>Credits</b>		<b>6</b>

**Eighth Semester**

CMG 225	Construction Builders License	4
CON 270	Construction Mechanicals	3
<b>Credits</b>		<b>7</b>
<b>Total Credits</b>		<b>61</b>