CONSTRUCTION MANAGEMENT A.A.S.

The Missoula College Construction Management AAS program provides a holistic approach to preparing students for careers in the residential construction industry. Through a combination of hands-on experience and fundamental project management training, students gain practical technical skills alongside the knowledge required to effectively oversee building projects. A key feature of the program is the opportunity for students to participate in the construction of a single-family home, ensuring they develop expertise in all aspects of the building process while also learning the essential principles of scheduling, budgeting, project management, and regulatory compliance. This balance of hands-on craftsmanship and foundational management training makes graduates highly sought after by employers in the field.

By integrating real-world construction experience with management principles, the Construction Management AAS program equips students with the technical proficiency and leadership capabilities needed to step into entry-level supervisory roles upon graduation. Employers increasingly seek professionals who can not only build but also manage construction projects efficiently, and this program addresses that demand. With a curriculum developed in collaboration with industry advisors and student feedback, graduates will enter the workforce with a strong competitive advantage, ready to contribute effectively to the residential building sector.

General Associate Degree Requirements

Additional requirements for graduation can be found on the Degree/Certificate Requirements for Graduation page (https://catalog.umt.edu/academics/graduation-requirements/).

Unless otherwise noted in individual program requirements, a minimum grade point average of 2.00 in all work attempted at the University of Montana-Missoula is required for graduation. Please see the Academic Policies and Procedures page (https://catalog.umt.edu/academics/policies-procedures/) for information on how your GPA is calculated.

Courses taken to satisfy the requirements of an associate degree program must be completed with a grade of C- or better unless a higher grade is noted in the program requirements.

Associate of Applied Science - Construction Management

Course Requirements

Code	Title	Hours
Complete all of the following courses:		
COMX 102	Interpersonal Skills in the Workplace	1
CSTN 120	Carpentry Basics & Rough-In Framing	4
CSTN 122	Carpentry Basics and Rough Framing Lab	4
CSTN 142	Interior & Exterior Finish Carpentry	4
CSTN 143	Intermediate Carpentry Lab	4
CSTN 147	Residential Blueprint Reading	3
CSTN 154	Drywall Lab	3
CSTN 171	Site Prep, Foundation, and Concrete Installation	3
CSTN 180	Residential Building Codes and Inspection	3
CSTN 205	Advanced Carpentry Lecture	6
CSTN 206	Advanced Carpentry Lab	2
CSTN 250	Residential Construction Estimating	3
CSTN 261	Business Management for Residential Construction	3
CSTN 280	Project Scheduling for Residential Construction	3
CSTN 282	Green Building Concept & Design I	4
CSTN 298	Construction Internship	3
or CSTN 299	Capstone: Carpentry	
DDSN 166	Revit I	3
M 105	Contemporary Mathematics (or higher)	3
OSH 130	Introduction to Trades and Trade Safety/ Job Site Ready	3
WRIT 101	College Writing I	3
Total Hours		**65**

Two Year Plan

Course	Title	Hours
First Year		
Autumn		
CSTN 120	Carpentry Basics & Rough-In Framing [1]	4
CSTN 122	Carpentry Basics and Rough Framing Lab [1]	4
CSTN 171	Site Prep, Foundation, and Concrete Installation [2]	3
DDSN 114 or DDSN 166	Introduction to CAD or Revit I	3
OSH 130	Introduction to Trades and Trade Safety/Job Site Ready	3
	Hours	**17**
Spring		
COMX 102	Interpersonal Skills in the Workplace [5]	1
CSTN 142	Interior & Exterior Finish Carpentry [4]	4
CSTN 143	Intermediate Carpentry Lab [4]	4
Elective		
M 105	Contemporary Mathematics	3-4
WRIT 101	College Writing I	3-4
	Hours	**15-17**
Second Year		
Autumn		
CSTN 261	Building Management [5]	4
CSTN 282	Green Building Concept & Design I [4]	4
CSTN 291	Special Topics [4]	3
CSTN 298	Construction Internship	3
CSTN 299	Capstone: Carpentry [5]	2
	Hours	**16**
Spring		
BGEN 215 or BGEN 105S	Career Readiness or Introduction to Business	3
CSTN 205	Advanced Carpentry Lecture [5]	6
CSTN 206	Advanced Carpentry Lab [5]	2
Elective		
Elective		
Elective		
	Hours	**11**
	Total Hours	**59-61**

[1] Weeks 6-16
[2] Weeks 2-5
[3] Week 1

[4] Weeks 9-16
[5] Weeks 1-8

Last Updated Fall 2025