

# CONSTRUCTION MANAGEMENT ASSOCIATE OF APPLIED SCIENCE DEGREE

This degree will provide students with the foundation necessary to obtain employment in the construction industry, with skills in residential and commercial construction and project management. Students will learn the basics of home construction, including framing, roofing, siding, drywall, painting, and trim carpentry through hands-on instruction in our construction lab, completing a variety of projects. This technical training will be combined with classroom instruction in essential business management and project planning skills, including bookkeeping and accounting, business leadership and entrepreneurship, blueprint reading, estimating, scheduling, and other aspects of construction project management. Students will apply and demonstrate attainment of these skills through completion of a capstone project.

See our website at [www.msullings.edu/careers](http://www.msullings.edu/careers) (<http://www.msullings.edu/careers/>) for graduate data.

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Utilize worksite safety practices.
- Select and utilize tools and materials to complete tasks in multiple phases of construction to industry performance standards.
- Use construction project documents to create project planning and management tools.
- Demonstrate effective written and oral communication with multiple project stakeholders.
- Employ project management tools and techniques to achieve successful completion of construction projects. \ \

## Required Courses

Code	Title	Credits
BGEN 105B	Introduction to Business	3
BGEN 110	Applied Business Leadership	3
BMGT 235	Management	3
BMGT 281	Risk Mgmt, Safety & Security	3
CAPP 103	Quickbooks Fundamentals	2
CAPP 120	Introduction to Computers	3
COMX 106	Comm in a Dynamic Workplace	3
CSTN 120	Carpentry Bscs & Rough-In Frmg	4
CSTN 142	Int - Ext Finish Carpentry	4
CSTN 148	Blueprint Codes and Est.	3
CSTN 160	Constructn Cncpts & Bldg Lab	3
CSTN 161	Constructn Cncpts & Bldg Lb II	4
CSTN 250	Construction Estimating	3
CSTN 260 or CSTN 298	Constructn Cncpts & Bldg Lb III Internship	3
CSTN 271	Construction Project Mgmnt	3
CSTN 280	Const Proj Schedule & Control	3
CSTN 281	Construction Project Mgmnt II	3
CSTN 299	Capstone: Construction	4
M 114	Extended Technical Mathematics	3

WRIT 121	Intro to Technical Writing	3
<b>Total Minimum Credits</b>		<b>63</b>

## Suggested Plan of Study

Code	Title	Credits
<b>First Semester</b>		
CAPP 120	Introduction to Computers	3
CAPP 103	Quickbooks Fundamentals	2
CSTN 120	Carpentry Bscs & Rough-In Frmg	4
CSTN 148	Blueprint Codes and Est.	3
CSTN 160	Constructn Cncpts & Bldg Lab	3
M 114	Extended Technical Mathematics	3
<b>Total</b>		<b>18</b>
<b>Second Semester</b>		
COMX 106	Comm in a Dynamic Workplace	3
WRIT 121	Intro to Technical Writing	3
CSTN 142	Int - Ext Finish Carpentry	4
CSTN 250	Construction Estimating	3
BGEN 105B	Introduction to Business	3
<b>Total</b>		<b>16</b>
<b>Third Semester</b>		
CSTN 271	Construction Project Mgmnt	3
CSTN 161	Constructn Cncpts & Bldg Lb II	4
BMGT 235	Management	3
BGEN 110	Applied Business Leadership	3
BMGT 281	Risk Mgmt, Safety & Security	3
<b>Total</b>		<b>16</b>
<b>Fourth Semester</b>		
CSTN 260 or CSTN 298	Constructn Cncpts & Bldg Lb III Internship	3
CSTN 280	Const Proj Schedule & Control	3
CSTN 281	Construction Project Mgmnt II	3
CSTN 299	Capstone: Construction	4
<b>Total</b>		<b>13</b>