

Construction Technology - Carpentry - AAS

Additional Related Programs:

The [Building Construction certificate](#) is awarded after successful completion of first semester courses.

The [Building Construction diploma](#) is awarded after successful completion of the first three semesters.

The Construction Technology program combines the National Center for Construction Education and Research (NCCER) curricula with the Associate of Applied Science degree requirements, meshing illustrated instructional material with structured classroom activities.

This program emphasizes four levels of carpentry, with each building on the previous level. During the summer term between the students' first and second year, a paid internship is required, giving students real-world experience with a local construction company.

MAT-120 is required for transfer to a four-year university.

A completed apprenticeship program may be substituted for CON-147, CON-148, CON-149, and CON-262. Students who have completed an apprenticeship approved by the Bureau of Apprenticeship & Training and the Iowa Department of Education will be allowed to articulate up to 29 credits after 12 credits of "C" or better are earned in the approved Construction Technology degree program at SCC.

The [Building Construction certificate](#) is awarded after successful completion of first semester courses.

The [Building Construction diploma](#) is awarded after successful completion of the first three semesters.

Where will this take me?

Carpenter
Concrete Finisher
Construction Materials Sales Representative
Estimator
Construction Materials Supplies Coordinator
Finish Carpenter
Framer
Roofer

Instructor and Staff

Douglas Riley
Assistant Professor
(319) 208-5000 ext. 5184
driley@scciowa.edu
AA, Southeastern Community College
BA, Iowa Wesleyan College

Southeastern Community College values diversity in all its forms. Please visit <https://www.scciowa.edu/non-discrimination-statement.aspx> to view our non-discrimination statement.

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit SCC's financial aid website at <http://www.scciowa.edu/admissions/costaid/finaid/gainemp.aspx>

West Burlington Campus

Program Requirements

| Fall Semester I | | Credit |
|---------------------|--------------------------------------|--------|
| CON-147 | CARPENTRY I | 6 |
| CON-332 | CONSTRUCTION MATERIALS AND RESOURCES | 3 |
| MAT-702 | INTRODUCTION TO MATH APPLICATIONS | 3 |
| Semester Total..... | | 12 |

| Spring Semester I | | Credit |
|-----------------------------|---------------------------|--------|
| CAD-101 | INTRODUCTION TO CAD | 3 |
| CON-113 | CONSTRUCTION PRINTREADING | 2 |
| CON-148 | CARPENTRY II | 6 |
| CON-252 | CONSTRUCTION ELECTRICITY | 3 |
| Take 1 of 2 courses: | | |
| ENG-105 | COMPOSITION I | 3 |
| ENG-110 | WRITING FOR THE WORKPLACE | 3 |
| Semester Total..... | | 17 |

| Summer Semester | | Credit |
|---------------------|------------|--------|
| CON-350 | INTERNSHIP | 5 |
| Semester Total..... | | 5 |

| Fall Semester II | | Credit |
|---------------------|--|--------|
| CON-149 | CARPENTRY III | 6 |
| CON-270 | MECHANICAL SYSTEMS | 3 |
| HEQ-131 | SAFETY AND INTRODUCTION TO HEAVY EQUIPMENT | 3 |
| SOC-114 | CONFLICT RESOLUTION IN THE WORKPLACE | 3 |
| Semester Total..... | | 15 |

| Spring Semester II | | Credit |
|---------------------------------|------------------------------------|--------|
| CON-128 | CONSTRUCTION MANAGEMENT ESTIMATING | 3 |
| CON-262 | COMMERCIAL CARPENTRY II | 6 |
| CON-345 | SOILS AND CONCRETE | 3 |
| SOC-115 | SOCIAL PROBLEMS | 3 |
| Take 1 of these courses: | | |
| ART-133 | DRAWING | 3 |
| SPC-112 | PUBLIC SPEAKING | 3 |
| Semester Total..... | | 18 |

| | | |
|--------------------|--|----|
| Program Total..... | | 67 |
|--------------------|--|----|