

# Construction Technology: Carpentry - AAS

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West Burlington Campus

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.

\*Certificates and diploma can be earned one time.

Please view the [technical standards](#) for this course.

## **Instructor and Staff**

Douglas Riley

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## 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 2 courses:**

ART-133	Drawing	3
SPC-112	Public Speaking	3
Semester Total.....		18

Program Total.....		67
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