

Construction Technology: Carpentry - AAS

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

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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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