

# CONSTRUCTION TECHNOLOGY



The construction technology program introduces the student to the safe use and handling of various building products, tools and equipment. Residential and light commercial framing consisting of floor, stair, wall and roof systems, site layout, foundations, concrete formwork, interior, exterior finish as well as cabinetry are components of the program. Blueprint reading and math are also taught.

Interest and aptitude are characteristics which carpenters should have, along with manual dexterity, mechanical aptitude, and good form perception.



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## REQUIRED COURSES:

### 1st Semester

- 126 CAR Intro to Construction Carpentry
- 127 CAR Intro to Construction Carpentry Lab
- 190 CAR Light Frame Construction I
- 191 CAR Light Frame Construction I Lab
- 196 CAR Light Frame Construction II
- 197 CAR Light Frame Construction II Lab

### 2nd Semester

- 220 BRX Blueprint Reading for Construction
- 140 CAR Surveying & Foundations
- 141 CAR Surveying & Foundations Lab
- 150 CAR Construction Formwork
- 151 CAR Construction Formwork Lab

### 3rd Semester

General Education Courses

### 4th Semester

- 200 CAR Light Frame Construction III
- 201 CAR Light Frame Construction III Lab
- 240 CAR Light Frame Construction IV
- 241 CAR Light Frame Construction IV Lab
- 298 CAR Practicum OR
- 299 CAR Coop Ed Program



OCTC offers students the option of Certificates in Carpenter Helper, Construction Forms Helper, Residential Carpenter, Residential Roofer, Residential Site Layout Assistant, and Rough Carpenter. Please see your advisor or the catalog for a complete list of class descriptions and options.

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