

CARPENTRY, CERTIFICATE - BCT8

This program is a basic introduction to the construction field. This certificate includes six Building Construction Technology core classes. It is designed for individuals who only want the basics of carpentry so they can join the exciting world of construction after only two semesters.

Requirements

| Courses | Course Title | Credit Hours |
|------------------------------------|---------------------------------------|--------------|
| Required Course Information | | |
| BCT 101 | Introduction to Building Construction | 5 |
| BCT 102 | Fundamentals of Building Construction | 4 |
| BCT 105 | Tool Usage and Safety | 2 |
| BCT 113 | Fundamentals of Construction Prints | 4 |
| BCT 131 | Estimating/Quantity Take Off | 2 |
| BCT 139 | Advanced Residential Wiring | 3 |
| Subtotal | | 20 |
| Total Hours | | 20 |

Graduation Plan

Fall Start

| Course | Title | Hours |
|------------------------|---------------------------------------|-----------|
| First Year | | |
| Fall Semester | | |
| BCT 101 | Introduction to Building Construction | 5 |
| BCT 105 | Tool Usage and Safety | 2 |
| BCT 113 | Fundamentals of Construction Prints | 4 |
| Hours | | 11 |
| Spring Semester | | |
| BCT 102 | Fundamentals of Building Construction | 4 |
| BCT 131 | Estimating/Quantity Take Off | 2 |
| BCT 139 | Advanced Residential Wiring | 3 |
| Hours | | 9 |
| Total Hours | | 20 |

Application and Advising

If you are ready to start your education, there are a few simple steps involved in enrolling at Piedmont Technical College.

Get Started Today (<https://www.ptc.edu/admissions/new-students/>)

Advising Information

The following information provides a guide for advisors who are helping students enroll in this program.

Program Notes

BCT coursework starts fall semester only. BCT courses are generally offered only during the day at the Greenwood Campus, and should be taken as outlined in the graduation plan. General education requirements may be met at county campuses, in evening classes and online.

The carpentry certificate includes the first two semesters of BCT classes from the degree program, (BCT 101, 102, 105, 113, 131, 139).

All students should come in under the degree program (BCT-3), and they can stop once they earn the certificate. However, students are more likely to find employment, and start working at higher wages, by earning the degree.

Students with proven experience in the field may be eligible to exempt certain courses. The department head administers exemption tests.

Estimated cost of hand tools is \$200 per semester. Students will be given a list of required tools each semester.

Program Student Learning Outcomes Purpose Statement

The purpose of the Carpentry Certificate program is to promote the basic trade skills of carpentry through technical instruction and practical "hands-on" experience for the necessary skill development for employment in the field of construction after only two semesters.

Student Learning Outcomes

1. Perform the basic manipulative skills involved in carpentry for residential construction.
2. Make application and use of the underlying theories, technical information, and related occupational information to assure sound judgements, decisions, and proper procedures involved in the residential building construction trades.
3. Demonstrate the ability to interpret blueprints and technical materials necessary to construct a residential building.
4. Estimate and schedule the materials and labor in the building of a residential structure through the framing stages and finish stages.
5. Demonstrate the ability to perform the majority of tasks assigned in a safe and common sense manner in accordance with established safety standards in the construction industry. (OSHA standards for the construction industry).