



# Certificate

## Construction Technology - Carpentry

### Year One (Sample schedule)

#### Quarter One (Fall)

- AMATH 121 Applied Math.....5
- CAT 140 Intro to Microsoft Excel .....5
- GRBD 101 Introduction to Woodworking.....3
- GRBD 206 Green Building, Concepts & Design.....5

#### Quarter Two (Winter)

- ENGL& 101 English Composition I.....5
- F A 100 Industrial First Aid .....1
- GRBD 102 Woodworking II .....5
- GRBD 105 Blueprint Reading.....3
- GRBD 107 Siding, Decks, Stairs .....5

#### Quarter Three (Spring)

- HUMDV 120 Human Relations .....3
- GRBD 103 Finish Carpentry .....5
- GRBD 108 Roof Systems .....5
- GRBD 160 Backyard Carpentry.....3

**Total Credits Required 53**

### Specifics

#### Length of Program

Courses with prerequisites, and the placement level of the student, may extend the Length of Program listed on this page.

#### Which Quarter Can I begin?

The typical student schedule is based on entering the program during the fall quarter, however some programs allow students to enter in the winter or spring as well. Since not all do, please confirm with an advisor whether this program must be started during a specific quarter or not.

#### Details

**Completion Award:** Certificate  
**Length of Program:** 3 Quarters  
**Program Code:** CARCPC45

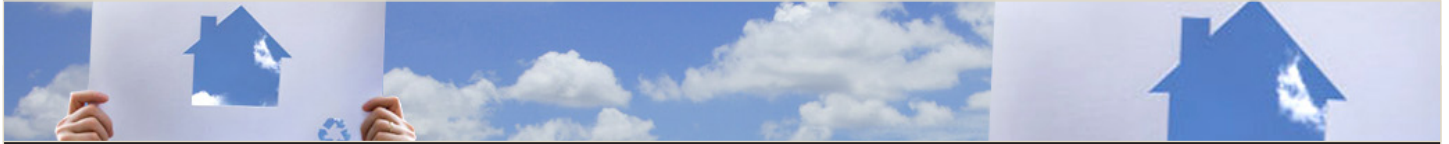
#### Program Coordinator (contact with questions)

Patrick Nickerson (360) 417-7972

Office: P1G [pnickerson@pencol.edu](mailto:pnickerson@pencol.edu)

**Apply online:** <http://pencol.edu/GetStarted>

#### Notes



## Certificate

# Construction Technology - Carpentry

### Program Description

Peninsula College's Construction Technology program is an important component to the college's commitment to workforce training in sustainable industries. The Associate of Applied Science degree in Construction Technology offers a comprehensive program designed to prepare students for employment in sustainable green construction trades, alternative building materials and methods and construction management. Foundation classes cover basic woodworking, foundations framing, roof systems and alternative energy. Core courses teach students green building concepts and design, engineered building materials, blueprint reading and alternative building methods. Capstone classes include jobsite management, construction leadership and estimation. Instruction consists of classroom presentations, hands-on training in lab settings and online learning modules.

### Special Features

- Short-term certificates are available in Concrete & Foundations, Framing, and Exterior/Interior Siding.

### Student Learning Outcomes

When this program is completed, the student will be able to:

- Use hand tools and power machinery safely
- Perform all aspects of basic carpentry
- Perform an energy analysis on an existing structure
- Work in teams to plan and build carpentry projects

### Career Opportunities

Graduates of the Construction Technology certificate program may find entry-level positions in residential and small commercial carpentry businesses and other related companies. The demand for carpenters with Green Construction skills is expected to increase over the next decade.

### Potential Positions and Earning

Potential positions include carpenter, cabinetmaker, framer, form builder, construction management. For current employment and wage estimates, please visit and search for the relevant occupational term: [www.bls.gov/oes](http://www.bls.gov/oes)

### Assessment

Students are required to place into the English and math/applied math courses required for this program. Learn more about placement options by visiting the Assessment and Placement website: <http://www.pencol.edu/placement-testing>

### Approximate Additional Costs

Books, supplies and miscellaneous fees (per quarter).....	\$150.00
Tools and equipment (optional – see below) .....	\$300.00
Approx. total tuition based on 2012-2013 WA resident tuition rates. (Based on 18 credits the 1st quarter, 16 credits the 2nd quarter and 14 credits the 3rd quarter. – Additional fees may apply. ....	\$6,566.25

*(Equipment Cost – Most of the tools are provided. If a student would like to purchase their own tools and equipment at their own expense the cost would be \$300.00 or more depending on the tools)*