



## 2007-2008 Career Planning Guide

# CARPENTRY AND CABINETRY

### Spokane Community College

**Spokane Community College**  
1810 North Greene Street  
Spokane, Washington 99217-5399  
[www.scc.spokane.edu](http://www.scc.spokane.edu)

**Completion Award:** A.A.S. Degree, Certificate

**Start:** Fall, Winter (space available)

**Tuition and Fees:** <http://www.ccs.spokane.edu/fees.html>

**Approximate Quarterly Cost:** (subject to change without notice)

Books (estimate, six quarters)	\$	150
Supplies and Equipment (estimate, six quarters) *	\$	450

\*Cost of required cabinet project dependent upon student's material selection.

Ability to climb a lift heavy objects and work from heights. Physical dexterity essential.

**PROGRAM WEBSITE:** <http://www.scc.spokane.edu/?carp>

### Program Description

Carpentry is a rewarding career ideally suited to the person who has an interest in and aptitude for working with tools and materials. The trade requires the development of manual skills: skills that involve both thinking and doing. Carpentry also requires a thorough knowledge of materials and methods used in construction work.

The carpenter belongs to the largest group of building trade workers. Job opportunities encompass everything from new residential or commercial construction to remodeling and alteration, maintenance, and building repair work.

### PROGRAM GOALS--Students who successfully complete this program will:

1. Be proficient in the use and maintenance of hand and power tools used in the trade.
2. Know and identify various types of lumber and building materials including installation techniques.
3. Read and understand blueprints including construction methods for residential home building.
4. Understand and use appropriate formulas for estimation and cost breakdowns.
5. Have knowledge of kitchen layout and design with emphasis on cabinet construction and installation.
6. Be able to identify and apply a variety of interior and exterior trim components used in residential construction.
7. Have knowledge of energy efficient construction systems and materials used to meet current code regulations.
8. Have the knowledge and skills of a second-year apprentice.

### Career Opportunities

Construction activity should increase in response to demand for new housing and commercial and industrial plants and the need to renovate and modernize existing structures. On a continuing basis the surrounding area has generated far more job opportunities than this program has been able to supply graduates for placement. Those graduates seeking employment in the local area can expect an hourly wage ranging from \$10 to \$16 an hour at the entry level. Potential for higher pay increases with advanced experience and knowledge.

**POTENTIAL POSITIONS INCLUDE:** home builders' assistant, carpenter apprentice with local union, general contractor, cabinetmaker, framer, lumber yard sales, maintenance carpenter, modular home fabrication, repair and remodeling, specialty contractor (drywall, concrete forms, roofing, siding, interior finish, etc.)

## Suggested Course of Study 2007-2008

Consult Adviser/Counselor for Program Planning and Selection of Electives

### CARPENTRY AND CABINETRY A.A.S. Degree, Certificate: SCC

A.A.S. Degree		Certificate	
<b>FIRST YEAR</b>		<b>First Quarter</b>	
<b>First Quarter</b>	<b>Credits</b>		<b>Credits</b>
APLED 121 Applied Written Communication <sup>1</sup>	4	APLED 121 Applied Written Communication <sup>1</sup>	4
CARP 113 Carpentry Math	5	CARP 113 Carpentry Math	5
CARP 114 Transit Layout and Design	4	CARP 114 Transit Layout and Design	4
CARP 115 Basic Construction Systems	<u>7</u>	CARP 115 Basic Construction Systems	<u>7</u>
	20		20
<b>Second Quarter</b>		<b>Second Quarter</b>	
CARP 123 Cabinetry Math	3	APLED 123 Leadership Skills for Business and Industry <sup>3</sup>	3
CARP 124 Cabinet Layout and Design	5	CARP 123 Cabinetry Math	3
CARP 125 Cabinet Construction	5	CARP 124 Cabinet Layout and Design	5
CARP 126 Cabinet Finishing	<u>3</u>	CARP 125 Cabinet Construction	5
	16	CARP 126 Cabinet Finishing	<u>3</u>
			19
<b>Third Quarter</b>		<b>Third Quarter</b>	
CARP 133 Introduction to Estimating	3	CARP 133 Introduction to Estimating	3
CARP 134 Introduction to Trim and Exterior Finish	3	CARP 134 Introduction to Trim and Exterior Finish	3
CARP 135 Practical Construction Applications	8	CARP 135 Practical Construction Applications	8
CARP 136 Residential Blueprint Reading	<u>2</u>	CARP 136 Residential Blueprint Reading	<u>2</u>
	16		16
<b>SECOND YEAR</b>		<b>Fourth Quarter<sup>2</sup></b>	
<b>Fourth Quarter</b>		CARP 223 Advanced Cabinetry Math	3
APLED 123 Leadership Skills for Business and Industry <sup>1</sup>	3	CARP 224 Advanced Cabinet Layout and Design	5
CARP 243 Plan Reading and Material Estimation	7	CARP 225 Advanced Cabinet Construction	5
CARP 244 Practical Framing Applications	9	CARP 226 Advanced Cabinet Finishing	<u>3</u>
MET 103 Introduction to Computers for Technology	<u>3</u>		16
	22	CARP 290 Service Learning <sup>4</sup>	1-2
<b>Fifth Quarter</b>			
ARCHT 125 Residential Building Codes	2	110-128 credits are required for an A.A.S. degree. 55-73 credits are required for a certificate. Clock hours are 902-1177.	
CARP 251 Introduction to Construction Trades	2	<sup>1</sup> This related education requirement may be met by any course or combination of courses approved by the instructional dean. <sup>2</sup> These quarters are optional for both the certificate and the A.A.S. degree. <sup>3</sup> Required only for those students completing the certificate program. <sup>4</sup> Carpentry 290 variable credits option for Carpentry and/or Non-Carpentry students desiring to receive credits for community service (i.e., Habitat for Humanity, etc.). Optional course available any of the seven quarters.	
CARP 253 Exterior Estimating	7	First Aid/CPR is a condition of graduation and must be obtained by the third quarter.	
CARP 254 Exterior Application Methods	<u>9</u>	<b>Disclaimer:</b> The college cannot guarantee courses will be offered in the quarters indicated. During the period this guide is in circulation, there may be curriculum revisions and program changes. <b>Students are responsible for consulting the appropriate academic unit or adviser for more current and specific information. The information in this guide is subject to change and does not constitute an agreement between the college and the student.</b>	
	20		
<b>Sixth Quarter</b>			
CARP 263 Interior Estimating	7		
CARP 264 Interior Application Methods	<u>9</u>		
	16		
<b>Seventh Quarter<sup>2</sup></b>			
CARP 223 Advanced Cabinetry Math	3		
CARP 224 Advanced Cabinet Layout and Design	5		
CARP 225 Advanced Cabinet Construction	5		
CARP 226 Advanced Cabinet Finishing	<u>3</u>		
	16		
CARP 290 Service Learning <sup>4</sup>	1-2		