

# CARPENTRY TECHNOLOGY/TRADE HOME REMODELING & REPAIR

## LONG BEACH CITY COLLEGE Curriculum Guide for Academic Year 2009-2010 Certificate of Achievement and/or Associate in Science or Certificate of Accomplishment

### CAREER OPPORTUNITIES

Students prepare for jobs in the carpentry industry. Students can earn an Associate of Science Degree or Certificate of Achievement in Carpentry Technology, a Certificate of Accomplishment in Carpentry Trainee, or a Certificate of Accomplishment in Home Remodeling and Repair.

### DEPARTMENTAL ADMISSION REQUIREMENTS

None. For more departmental information call (562) 938-3091 or 938-3055 or 938-3104

## CARPENTRY TECHNOLOGY

		UNITS	In Progress	Completed Grade
<b>REQUIRED COURSES:</b>				
	CARP 211	Carpentry 1	10	
†	CARP 212	Carpentry 2	10	
†	CARP 213	Carpentry 3	10	
	CARP 440	Blueprint Reading for Construction Trade	3	
<b>SUBTOTAL UNITS</b>			<b>33</b>	
<b>Select seven (7) units from the following courses:</b>				
	CARP 219	Residential Roof Framing	4	
	CARP 222	Residential Stairs	4	
	CARP 225	Metal Framing	4	
	CARP 227	Finish Carpentry	3	
	CARP 230	Cost Estimating	4	
	CARP 240	Safety for the Building Trades	2	
	CARP 245	Contracting Laws and Management	3	
	HORT 223AD	Landscape Construction	4	
	MGMT 80	Small Business Entrepreneurship	3	
<b>SUBTOTAL UNITS</b>			<b>7</b>	
<b>TOTAL UNITS</b>			<b>40</b>	
<b>RECOMMENDED COURSES but not required:</b>				
	AC_R 230	Electrical Fundamentals	3	
	COMIS 1	Computer Information Competency	1	
	ELECT 202	Electrical Mathematics	3	
	SHMT 220A	Surface Development and Fabrication 1	5	
	SPANISH 1A	Elementary Spanish 1A	3	
	WELD 400AD	Welding (General)	2	

### LEGEND

† This course has a prerequisite; prerequisite courses must be completed with at least a "C" or "P" grade (see catalog or schedule of classes).

**GRADUATION REQUIREMENTS**

**For CERTIFICATE OF ACHIEVEMENT:**

This certificate is a one to two year program in occupational/technical areas at Long Beach City College which provides training in job skills and employment opportunities. Complete the required units with a minimum cumulative grade point average of 2.0 ("C" average). At least fifty percent (50%) or more of the unit requirements for this field of concentration must be completed in residence (credit earned by exam, where applicable, may be included).

**For ASSOCIATE DEGREE:**

The Associate Degree is a two-year college degree awarded by Long Beach City College which includes general education courses and a major. In addition to the requirements for the Certificate of Achievement, complete the A.S. degree requirements specified in the catalog. The requirements for general education/proficiency and the field of concentration need to be from the same catalog year. This catalog year may be any year between the year of initial enrollment to the present, provided continuous enrollment is maintained throughout (see the catalog for definition of "continuous enrollment"). Fifty percent (50%) or more of the unit requirements for this field of concentration must be completed in residence (credit earned by exam, where applicable, may be included).

In general, "double-counting" is not allowed. That is, one course may not be used to fulfill both a field of concentration requirement and to fulfill a general education requirement.

**NOTE:** To receive a certificate or degree you must submit completed application forms in the Admissions and Records Office during your final semester of course work.

**CERTIFICATES OF ACCOMPLISHMENT**

FOR OFFICE USE ONLY: 4022

***Name of Certificate: Carpenter Trainee***

<b>REQUIRED COURSE</b>			<b>UNITS</b>	<b>In Progress</b>	<b>Completed Grade</b>
	CARP 311	Carpentry Trade 1	3		
†	CARP 312	Carpentry Trade 2	3		
†	CARP 313	Carpentry Trade 3	3		
†	CARP 314	Carpentry Trade 4	3		
<b>Subtotal Units</b>			<b>12</b>		
<b>Select 3-4 units from the following courses:</b>					
	CARP 230	Cost Estimating	4		
	AC_R 230	Electrical Fundamentals	3		
	ARCHT 360M1 and ARCHT 360M2	Basic Auto-CADD for Architecture Architecture Design – Auto CADD	1.5 and 1.5		
	CARP 440	Blueprint Reading for Construction Trade	3		
	ELECT 240	Electrical Code-Residential	3		
	HORT 223AD	Landscape Construction	4		
	SHMT 220A	Surface Development and Fabrication 1	5		
	WELD 400AD	Welding (General)	2		
<b>TOTAL UNITS</b>			<b>15-16</b>		

FOR OFFICE USE ONLY: 4023

**Name of Certificate: Home Remodeling & Repair Technician**

REQUIRED COURSES			UNITS	In Progress	Completed Grade
	CARP 415A	Home Remodeling & Repair	2		
†	CARP 415B	Home Remodeling & Repair	2		
†	CARP 415C	Home Remodeling & Repair	2		
†	CARP 415D	Home Remodeling & Repair	2		
<b>Subtotal Units</b>			<b>8</b>		
<b>Select 3-4 units from the following courses:</b>					
	AC_R 230	Electrical Fundamentals	3		
	ARCHT 360M1 and ARCHT 360M2	Basic Auto-CADD for Architecture Architecture Design – Auto CADD	1.5 and 1.5		
	CARP 230	Cost Estimating	4		
	ELECT 204	First Semester Fundamentals of DC Electricity	3		
	ELECT 240	Electrical Code-Residential	3		
	HORT 223AD	Landscape Construction	4		
<b>TOTAL UNITS</b>			<b>11-12</b>		

FOR OFFICE USE ONLY: 4024

**Name of Certificate: Pre-apprenticeship Training**

REQUIRED COURSES			UNITS	In Progress	Completed Grade
	CARP 250	Pre-apprenticeship Training	5.5		
<b>TOTAL UNITS</b>			<b>5.5</b>		

**LEGEND**

† This course has a prerequisite; prerequisite courses must be completed with at least a "C" or "P" grade (see catalog or schedule of classes).

**CERTIFICATE OF ACCOMPLISHMENT REQUIREMENTS**

**For CERTIFICATE OF ACCOMPLISHMENT:**

This certificate certifies a competency in a given area and requires less than 18 units. Complete the required units with a minimum grade point average of 3.0 ("B" average). Fifty per cent (50%) or more of the unit requirements for this field of concentration must be completed in residence. Please Submit a completed application for the certificate to the Admissions and Records Office during the final semester of course work.

**Students interested in transferring to a university to continue their study in this field of concentration or other majors are strongly advised to consult an LBCC academic counselor and refer to the ASSIST website ([www.assist.org](http://www.assist.org)) for major preparation information. Counselors can clarify the different major and admissions requirements at a university. Students may visit the Student Success/Transfer Services Center to access further educational resources. If you need to set up an appointment to see a counselor or schedule the SOAR Test, call LAC (562)938-4561 or PCC (562)938-3920.**