

DRAFTING - ARCHITECTURAL

(Occupational Program)

LONG BEACH CITY COLLEGE

Curriculum Guide for Academic Year 2010-2011

Certificates of Achievement and/or Associate in Science

ALL INFORMATION CONTAINED HEREIN IS SUBJECT TO CHANGE WITHOUT NOTICE.

For possible updates to this guide please refer to the following website: <http://osca.lbcc.edu>

CAREER OPPORTUNITIES

Students learn entry-level job skills in architectural drafting.

This Associate Degree will prepare students for a design-related career.

The Core Skills Certificate of Achievement will prepare students for an entry-level position as an architectural drafter trainee in a variety of design profession settings and will serve as a foundation for specialization

The Advanced Skills Certificate of Achievement will prepare students for an advanced position as an architectural drafter or senior draftsman in a variety of design professional settings and will serve as a foundation for specialization.

DEPARTMENTAL ADMISSION REQUIREMENTS

None. For more departmental information call (562) 938-4718 or (562) 938-4467

ASSOCIATE DEGREE REQUIREMENTS

			UNITS	In Progress	Completed Grade
	ARCHT 60	Architectural Design (F, S)	8		
	OR	OR	OR		
	ARCHT 61	Architectural Design (F, S)	4		
	AND	AND	AND		
†	ARCHT 62	Architectural Design (F, S)	4		
†	ARCHT 64	Architectural Design (F, S)	8		
	OR	OR	OR		
†	ARCHT 65	Architectural Design (F, S)	4		
	AND	AND	AND		
†	ARCHT 66	Architectural Design (F, S)	4		
†	ARCHT 70AB	Architectural Design (F, S)	8:8		
	OR	OR	OR		
†	ARCHT 71AD	Architectural Design (F, S)	4:4:4:4		
TOTAL UNITS			24		

CORE SKILLS CERTIFICATE OF ACHIEVEMENT REQUIREMENTS

	ARCHT 60	Architectural Design (F, S)	8		
	OR	OR	OR		
	ARCHT 61	Architectural Design (F, S)	4		
	AND	AND	AND		
†	ARCHT 62	Architectural Design (F, S)	4		
†	ARCHT 64	Architectural Design (F, S)	8		
	OR	OR	OR		
†	ARCHT 65	Architectural Design (F, S)	4		
	AND	AND	AND		
†	ARCHT 66	Architectural Design (F, S)	4		
	DRAFT 201	Into to Drafting (F, SP)	4		
	OR	OR	OR		
	DRAFT 202AD	Auto CAD 1, Fundamentals (F, SP)	3		
TOTAL UNITS			19-20		

Recommended Courses for Core Skills Career Certificate:

	DRAFT 203AD	AutoCAD II, Advanced Concepts	3	<input type="text"/>	<input type="text"/>
	OR	OR	OR		
†	DRAFT 204	3D Visualization/Animation	4	<input type="text"/>	<input type="text"/>

ADVANCED SKILLS CERTIFICATE OF ACHIEVEMENT REQUIREMENTS

			UNITS	In Progress	Completed Grade
	ARCHT 60	Architectural Design (F, S)	8	<input type="text"/>	<input type="text"/>
	OR	OR	OR		
	ARCHT 61	Architectural Design (F, S)	4	<input type="text"/>	<input type="text"/>
	AND	AND	AND		
†	ARCHT 62	Architectural Design (F, S)	4	<input type="text"/>	<input type="text"/>
†	ARCHT 64	Architectural Design (F, S)	8	<input type="text"/>	<input type="text"/>
	OR	OR	OR		
†	ARCHT 65	Architectural Design (F, S)	4	<input type="text"/>	<input type="text"/>
	AND	AND	AND		
†	ARCHT 66	Architectural Design (F, S)	4	<input type="text"/>	<input type="text"/>
†	ARCHT 70AB	Architectural Design (F, S)	8:8	<input type="text"/>	<input type="text"/>
	OR	OR	OR		
†	ARCHT 71AD	Architectural Design (F, S)	4:4:4:4	<input type="text"/>	<input type="text"/>
				<input type="text"/>	<input type="text"/>
	DRAFT 201	Intro to Drafting (F, SP)	4	<input type="text"/>	<input type="text"/>
	OR	OR	OR		
	DRAFT 202AD	Auto CAD 1, Fundamentals (F, SP)	3	<input type="text"/>	<input type="text"/>
Subtotal Units			27-28	<input type="text"/>	<input type="text"/>

Select SIX (6) units from the following:

†	CARP 311,312	Carpentry 1 & 2 (one or two semesters) (F, SP)	3:3	<input type="text"/>	<input type="text"/>
	OR	OR	OR		
	ELECT 261	Intro to Renewable Energy (F, S)	3	<input type="text"/>	<input type="text"/>
	CARP 440	Blueprint Reading for Construction Trade (F)	3	<input type="text"/>	<input type="text"/>
	Any course from Construction Trades Department			<input type="text"/>	<input type="text"/>
Subtotal Units			6	<input type="text"/>	<input type="text"/>

Select THREE - FOUR (3-4) units from the following:

†*	MATH 130	Intermediate Algebra	5	<input type="text"/>	<input type="text"/>
	OR	OR	OR		
*	A more advanced level of Mathematics		3-5	<input type="text"/>	<input type="text"/>
Subtotal Units			3- 5	<input type="text"/>	<input type="text"/>

TOTAL UNITS

36-39

Recommended Courses for Advanced Skills Career Certificate:

	DRAFT 203AD	AutoCAD II, Advanced Concepts	3:3:3:3	<input type="text"/>	<input type="text"/>
	OR	OR	OR		
†	DRAFT 204	3D Visualization/Animation	4	<input type="text"/>	<input type="text"/>

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).

* This course is an exception to the "double-counting" rule; it may be double-counted.

(SP = Spring) (S = Summer) (F = Fall) (INF = Infrequently) = Represents general frequency of course offering

GRADUATION REQUIREMENTS

For **CERTIFICATE(S) OF ACHIEVEMENT:**

This certificate is a one to two year program in occupational/technical areas at Long Beach City College which provide training in job skills and employment opportunities. Complete the required units with a minimum cumulative grade point average of 2.0 ("C" average). Fifty per cent (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 IN SCIENCE DEGREE:**

NOTE: Effective Fall 2009, Title 5, section 55063 (a) (2) requires that students must complete each course counted toward the major or area of emphasis with a grade of "C" or better or "P" if the course is taken on a "Pass/No Pass" basis.

The Associate Degree is a two-year college degree awarded by Long Beach City College which includes general education courses and a major. Complete the required units identified with a minimum cumulative grade point average of 2.0 ("C" average). In addition to these requirements, 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 per cent (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).

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. 300 numbered versions of classes may be used toward the total units required.

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.

Transfer students: See curriculum guide for Architectural Design (Transfer).

SUGGESTED SEQUENCE OF COURSES

This is not an educational plan, as course offerings, student schedules, and circumstances vary. Students must meet all the prerequisites in order to be eligible for the sequence of courses.

A suggested full-time sample sequence of courses for the required **60** units to reach an Associate Degree includes:

<u>First Semester</u>		<u>Second Semester</u>	
ARCHT 60	8 units	ARCHT 64	8 units
Math Course	3-5	Carpentry Course	3
English Course	3	G.E. Course	3
G. E. Course	3	Semester Total	14
Semester Total	17-19		
<u>Third Semester</u>		<u>Fourth Semester</u>	
ARCHT 70A	8 units	ARCHT 70B	8 units
ELECT 261	3	DRAFT Elective	4
G.E. Course	3	G.E. Course	3
G.E. Course	1-3	Semester Total	14-15
Semester Total	15-18		

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) 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.