ARCHITECTURAL DESIGN

Curriculum Guide for Academic Year 2019-2020

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Students planning to **transfer** to a four-year college or university should refer to the ASSIST web site at www.assist.org and **consult a counselor** before beginning a program of study. Please call 562-938-4561 for the LAC, or (562) 938-3920 for PCC to schedule a meeting with a counselor. Students may also wish to visit the Transfer Center on either campus.

Program of study leading to:
Associate in Science (A.S.) Degree

REQUIRED COURSES			UNITS	In Progress	Completed Grade
ARCHT 60 **OR**	Architectural Design **OR**		8 **OR**		
ARCHT 61 **&**	Architectural Design **&**		4 **&**		
† ARCHT 62	Architectural Design		4		
† ARCHT 64 **OR**	Architectural Design **OR**		8 **OR**		
† ARCHT 65 **&**	Architectural Design **&**		4 **&**		
† ARCHT 66	Architectural Design		4		
† ARCHT 70A **OR**	Architectural Design **OR**		8 **OR**		
† ARCHT 71A	Architectural Design		4		
		TOTAL UNITS	**20-24**		

For graduation with an **Associate in Science (A.S.) Degree with a major in Architectural Design:**

1. **Minimum Unit Requirements: §**Any course that appears on a curriculum guide and the General Education Pattern (Plan A) may fulfill both major and general education requirements (Approved by College Curriculum Committee Spring 2012). For this degree, complete a minimum of 60 units in courses numbered 1-599. Please note that additional elective units may be required to meet this minimum based upon courses selected to fulfill General Education for the Associate Degree.

Architectural Design Major:	20-24 units
General Education/A.S.§	19 units

2. **Scholarship:** Maintain an **overall grade point average (GPA) of 2.0** ("C" average) based on all accredited college work applied to the degree, no matter where completed. For this **field of concentration, complete each course above** with a **grade of "C" or better**, or "P" if course is graded on a P/NP basis.
3. **Residence for the Degree:** Complete at least 12 semester units of the required 60 semester units in residence at Long Beach City College in order for the college to grant an Associate of Arts and/or an Associate of Science Degree.
4. **Residence for the Field of Concentration**: Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 10-12 units** of the required 20-24 must be **completed at Long Beach City College**. Credit earned by exam, where applicable, may be included.
5. **General Education and Proficiency Requirements:** Complete the required A.A./A.S. General Education and Proficiency requirements*, otherwise known as "Plan A". For Plan A requirements, refer to the general catalog or view it online at http://osca.lbcc.edu .
6. Complete and submit the degree application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.

Associate degree requirements continue on following page.

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*The requirements for general education/proficiency and the field of concentration (major) 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".

Program of study leading to:
Certificate of Achievement

REQUIRED COURSES		UNITS	In Progress	Completed Grade
ARCHT 60 **OR**	Architectural Design **OR**	8 **OR**		
ARCHT 61 **&**	Architectural Design **&**	4 **&**		
† ARCHT 62	Architectural Design	4		
† ARCHT 64 **OR**	Architectural Design **OR**	8 **OR**		
† ARCHT 65 **&**	Architectural Design **&**	4 **&**		
† ARCHT 66	Architectural Design	4		
† ARCHT 70A **OR**	Architectural Design **OR**	8 **OR**		
† ARCHT 71A	Architectural Design	4		
	Subtotal Units	**20-24**		

IN ADDITION, Complete SIX (6) UNITS from the following:		UNITS		
ARCHT 360M1	BASIC CAD for Architecture	1.5		
ARCHT 360M2	Architecture Design CAD	1.5		
ART 17	Illustration I	3		
ART 30	Fundamentals of Art/Volume, Plane & Form	3		
ART 31	Fundamentals of Art/Composition & Color	3		
DRAFT 210	3D Printing Fundamentals (FDM)	1.5		
DRAFT 211	Laser Cutting Fundamentals	1.5		
TEC 60	Computer Aided Drafting & Design (CADD)	4		
	Subtotal Units	**6**		

IN ADDITION, Complete THREE to FIVE (3-5) UNITS from the following:		UNITS		
† MATH 40 **OR**	Trigonometry **OR**	3		
Higher Math Course	Higher Math Course (See Options Below)	3-5		
† MATH 50	Precalculus Math	5		
† MATH 55	Discrete Mathematics	4		
† MATH 60/60H	First Calculus Course/Honors	5		
† MATH 70/70H	Second Calculus Course/Honors	5		
† MATH 80	Third Calculus Course/Honors	5		
† MATH 84	Intro Differential Eqns and Linear Alg	5		
	Subtotal Units	**3-5**		
	Total Units	**29-35**		

For graduation with a **Architectural Design Certificate of Achievement:**
1. Complete each of the **REQUIRED COURSES** listed above with a **minimum grade point average of 2.0 (**"C" average**)**.
2. Complete fifty percent (50%) or more of the unit requirements for this field of concentration in residence; this means at **least 14.5-17.5 units** of the required 29-35 must be **completed at Long Beach City College**. Credit earned by exam, where applicable, may be included.
3. Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at http://admissions.lbcc.edu/ . Refer to the Schedule of Classes (http://schedule.lbcc.edu) and click the "Important Dates" link to view the actual deadline for each semester.

Suggested Sequence of Classes

First Semester		Units	Second Semester		Units
ARCHT 60		8	ARCHT 64		8
	Semester Total	**8**		Semester Total	**8**

Third Semester		Units	Fourth Semester		Units
ARCHT 70A **OR**		8 **OR**	ARCHT Elective		3-4
ARCHT 71A		4		Semester Total	**3-4**
	Semester Total	**4-8**			

Career Opportunities

This field of concentration is designed to provide foundation knowledge of the practice of architecture with the option of maximizing the number of lower-division transfer units.

This **Certificate of Achievement** will prepare students for an entry-level position in a variety of design profession settings and will serve as a foundation for specialization.

This **Associate Degree** will prepare students for a design-related career, and appropriate course selection will facilitate transfer to a professional degree program.

Program Mission and Outcomes

The mission of the architecture program is to create an educational environment where students can achieve their individual goals by providing the necessary knowledge and skills to successfully transfer to a bachelor program in Architecture or a related field. The program provides students with instruction in the latest technologies, industry standards, and significant industry trends..

- Acquire the professional attitude and desire for life-long learning and stay current with advanced technologies.
- Possess the necessary technical knowledge and communication skills to identify, articulate and solve problems pertaining to the built environment and perform tasks required within the architecture and/or environmental design professions.

Legend

† This course has a prerequisite. Prerequisite courses must be complete with at least a "C" or "P" grade. Refer to the General Catalog (http://www.lbcc.edu/cat/index.html), the Schedule of Classes (http://schedule.lbcc.edu/), or the online Credit Course Outline (http://wdb-asir.lbcc.edu/coursecurriculum/coursedetails/) for specific prerequisite information.

Departmental Phone: 562-938-3253; Departmental Website; http://www.lbcc.edu/architecture/
Information on this sheet is subject to change without notice. Any updates to this guide are posted at http://osca.lbcc.edu .