

**ARCHITECTURAL PROFESSIONAL PRACTICE I**

SUBJECT & NO.	COURSE	UNITS
ARC 115	Architectural Practice . . . . .	.2
ARC 152	Equipment of Buildings . . . . .	.3
<i>Total</i> . . . . .		.5

**ARCHITECTURAL PROFESSIONAL PRACTICE II**

SUBJECT & NO.	COURSE	UNITS
ARC 210	Construction Estimating . . . . .	.3
ARC 211	Building Codes. . . . .	.3
<i>Total</i> . . . . .		.6

**ARCHITECTURAL TRANSPORTATION PLANNING**

SUBJECT & NO.	COURSE	UNITS
TRN 101	Transportation Planning I . . . . .	.3
TRN 102	Transportation Planning II. . . . .	.3
<i>Total</i> . . . . .		.6

**CERTIFICATES OF ACHIEVEMENT**

These architecture programs are two-year sequences of courses designed for students who wish to train for employment in a field related to the construction industry and who do not wish to transfer to a university for further education.

**ARCHITECTURAL COMPUTER-AIDED DESIGN**

SUBJECT & NO.	COURSE	UNITS
ARC 161	Introduction to Computer-Aided Architectural Design . . . . .	.2

**OR**

ARC 141	MicroStation I. . . . .	.3
ARC 162	Computer-Aided Design and Drafting	

**OR**

ARC 142	MicroStation II . . . . .	.3
ARC 160	Computers for Designers. . . . .	.3
ARC 171	Architectural Detailing. . . . .	.2
ARC 172	Architectural Drawing I . . . . .	.3
ARC 173*	Architectural Drawing II. . . . .	.3
ARC 221	Architectural Rendering . . . . .	.2
ARC 261	Computer-Aided Design for Architecture I	

**OR**

ARC 241*	MicroStation III . . . . .	.3
ARC 262	Computer-Aided Design for Architecture II	

**OR**

ARC 242*	MicroStation IV . . . . .	.3
ARC 264	3D Modeling for Designers . . . . .	.3
ARC 271*	Architectural Drawing III . . . . .	.3
ARC 272*	Architectural Drawing IV . . . . .	.3
<i>Total</i> . . . . .		33-34

**ELECTIVES:**

ARC 185
ARC 285
ARC 385

\*This course has a prerequisite.

**ARCHITECTURAL COMPUTER-AIDED DESIGN MICROSTATION**

SUBJECT & NO.	COURSE	UNITS
ARC 141	Microstation I . . . . .	.3
ARC 142	Microstation II. . . . .	.3
ARC 241	MicroStation III . . . . .	.3
ARC 242	MicroStation IV . . . . .	.3
<i>Total</i> . . . . .		12

**ARCHITECTURAL DESIGN**

SUBJECT & NO.	COURSE	UNITS
ENV 101	Foundations of Design I . . . . .	.3
ENV 102	Foundations of Design II. . . . .	.3
ARC 201	Architectural Design I . . . . .	.3
ARC 202	Architectural Design II. . . . .	.3
<i>Total</i> . . . . .		12

**ARCHITECTURAL DRAFTING**

SUBJECT & NO.	COURSE	UNITS
ARC 110	Introduction to Architecture . . . . .	.1
ARC 121	Freehand Drawing I . . . . .	.2
ARC 122	Architectural Perspective. . . . .	.2
ARC 130	History of Architecture I. . . . .	.2
ARC 131	History of Architecture II . . . . .	.2
ARC 161	Introduction to Computer-Aided Architectural Drawing . . . . .	.2

**OR**

ARC 141	MicroStation I . . . . .	.3
ARC 171	Architectural Detailing. . . . .	.2
ARC 172	Architectural Drawing I . . . . .	.3
ARC 173	Architectural Drawing II. . . . .	.3
ARC 211	Introduction to Building Codes . . . . .	.3
ARC 221	Architectural Rendering . . . . .	.2
ARC 271*	Architectural Drawing III . . . . .	.3
ARC 272*	Architectural Drawing IV . . . . .	.3
<i>Total</i> . . . . .		30-31

**ELECTIVES:**

ARC 185
ARC 285
ARC 385

\*This course has a prerequisite.

**ARCHITECTURAL DRAWING**

SUBJECT & NO.	COURSE	UNITS
ARC 172	Architectural Drawing I . . . . .	.3
ARC 173	Architectural Drawing II. . . . .	.3
ARC 271	Architectural Drawing III . . . . .	.3
ARC 272	Architectural Drawing IV . . . . .	.3
<i>Total</i> . . . . .		12

**ASSOCIATE DEGREE PROGRAMS**

The Occupational curricula are two-year sequences of courses designed for students who wish to train for employment in a field related to the architecture/construction industry and not transfer to a university for further education.

**ARCHITECTURAL COMPUTER-AIDED DESIGN**

**Associate in Arts Degree**

SUBJECT & NO.	COURSE	UNITS
<i>Computer-Aided Design Certificate</i> . . . . .		33-34
ARC 110	Introduction to Architecture . . . . .	.1

**OR**

ENV 102	Foundations of Design II. . . . .	.3
ARC 115	Architectural Practice . . . . .	.2

**OR**

ENV 101	Foundations of Design I . . . . .	.3
ARC 122	Architectural Perspective. . . . .	.2
ARC 210	Construction Estimating . . . . .	.3

ARC 211 Introduction to Building Codes . . . . .3

**General Education Graduation "Plan B" Requirements:**

Area A - Natural Sciences. . . . .3  
*Biology 3, Physics 1, 6 or 11 are recommended*

Area B - Social and Behavioral Sciences. . . . .3  
*History 12 or Political Science 1 are recommended*

Area C - Humanities . . . . .3  
*Architecture 130, 131, Philosophy 1 are recommended*

Area D - Language and Rationality. . . . .6  
*English and Math Assessment Tests should be taken*  
*English 101, Speech 101 and Mathematics 241 are recommended*

Area E - Health and Physical Education . . . . .3  
*Health 11 is recommended*

**Total. . . . . 62-66**

**ARCHITECTURAL DRAFTING**

**Associate in Arts Degree**

SUBJECT & NO.	COURSE	UNITS
<i>Architectural Drafting Certificate . . . . . 30-31</i>		
ARC 115	Professional Practice . . . . .	.2
ARC 152	Equipment of Buildings . . . . .	.3
ARC 210	Construction Estimating . . . . .	.3
ENV 101	Foundations of Design I . . . . .	.3
ENV 102	Foundations of Design II. . . . .	.3

**General Education Graduation "Plan B" Requirements:**

Area A - Natural Sciences. . . . .3  
*Biology 3, Physics 1, 6 or 11 are recommended*

Area B - Social and Behavioral Sciences. . . . .3  
*History 12 or Political Science 1 are recommended*

Area C - Humanities . . . . .3  
*Architecture 130, 131, Philosophy 1 are recommended*

Area D - Language and Rationality. . . . .6  
*English and Math Assessment Tests should be taken*  
*English 101, Speech 101 and Mathematics 241 are recommended*

Area E - Health and Physical Education . . . . .3  
*Health 11 is recommended*

**Total. . . . . 62-63**

**TRANSFER CURRICULUM**

Transfer requirements are subject to change. Students should check with a counselor for current transfer information.

The following university Transfer Curriculum are available to students. An Associate in Arts Degree in Architecture is granted when the transfer student completes additional architecture and general education courses listed. The total units required for graduation will vary according to which university the student is planning to transfer.

**ARCHITECTURE**

**CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA**

The School of Environmental Design at California State Polytechnic University, Pomona offers a five-year program leading to the Bachelor of Architecture. The curriculum in Architecture at East Los Angeles College provides most of the first and second year requirements in Architecture.

Upper-division transfers must complete 60 semester units of transferable coursework, including 30 semester units of general education courses, with a grade of "C" or better by the end of spring prior to fall admission. Oral Communication, Written Communication, Critical Thinking, and Mathematics must be completed by the end of fall (one year prior to admission). Not more than 70 units may be allowed for credit earned at East Los Angeles College.

The student must keep a portfolio of Architecture course work taken at East Los Angeles College for purposes of evaluation and acceptance of courses by the School of Environmental Design at Pomona. See Architecture Department for student handout.

SUBJECT & NO.	COURSE	UNITS
ARC 122	Architectural Perspective. . . . .	.2
ARC 170	Beginning Architectural Drafting. . . . .	.2
ARC 172*	Architectural Drawing I . . . . .	.3
ARC 173*	Architectural Drawing II. . . . .	.3
ARC 271*	Architectural Drawing III . . . . .	.3
ARC 272*	Architectural Drawing IV . . . . .	.3
Required General Education courses:		
ENGLISH 101*	College Reading and Composition I	
<b>OR</b>		
ENGLISH 103*	Composition and Critical Thinking . . .	.3
MATH 241*	Trigonometry with Vectors	
<b>OR</b>		
PHYSICS 6*	General Physics I. . . . .	.4
<b>CSU GENERAL EDUCATION REQUIREMENTS OR IGETC</b>		<b>39</b>

The ELAC Architecture department also recommends completing the following courses to better prepare for transfer into the architecture major:

- ARC 110, 115, 121, 130, 131, 152, 160, 161, 162, 171, 201, 202, 210, 211, 221, 223, 261, 262, 264
- ENV 101, 102

\*This course has a prerequisite.

**SOUTHERN CALIFORNIA INSTITUTE OF ARCHITECTURE**

ELAC students completing the transfer course requirements fulfill most of the first- and second-year course requirements at SCI-ARC. Design Studio placement will be based upon a review of the student's portfolio. If a student has completed most of the general education classes listed and is missing a few courses the student is encouraged to submit an application and complete the few remaining courses while attending SCI-ARC.

SUBJECT & NO.	COURSE	UNITS
ARC 130	History of Architecture I. . . . .	.2
ARC 131	History of Architecture II . . . . .	.2
ARC 201*	Architectural Design I . . . . .	.3
ARC 202*	Architectural Design II. . . . .	.3
ENGLISH 101*	College Reading and Composition I . . .	.3
ENGLISH 203*	World Literature I . . . . .	.3
ENGLISH 204*	World Literature II. . . . .	.3
ENV 101	Foundations of Design I . . . . .	.3
ENV 102*	Foundations of Design II. . . . .	.3

Additional general education courses in the areas of social sciences and humanities, and natural sciences and mathematics are required. Please check with a counselor for more information.