East Los Angeles College
Architecture
2015-2016 Skills Certificate and Certificate of Achievement
Grades for all courses must be "C" or better.

Skills Certificate

Architectural Computer-Aided Design Auto CAD

Subject	Course	Units	Completed
ARC 161	Introduction to Computer-Aided Architectural Design	2	
ARC 162	Computer-Aided Design and Drafting	3	
ARC 261	Computer-Aided Design for Architecture I	3	
ARC 262	Computer-Aided Design for Architecture II	3	
TOTAL UNITS REQUIRED		11	

Architectural Computer-Aided Design 3D Modeling

Subject	Course	Units	Completed
ARC 264	3D Modeling for Designers	3	
TOTAL UNITS REQUIRED		3	

Architectural Detailing

Subject	Course	Units	Completed
ARC 171	Architectural Detailing	2	
TOTAL UNITS REQUIRED		2	

Architectural Graphics

Subject	Course	Units	Completed
ARC 121	Freehand Drawing I	2	
ARC 122	Architectural Perspective	2	
ARC 160	Computers for Designers	3	
ARC 221	Architectural Rendering	2	
TOTAL UNITS REQUIRED		9	

Architectural History

Subject	Course	Units	Completed
ARC 130	History of Architecture I	2	
ARC 131	History of Architecture II	2	
TOTAL UNITS REQUIRED		4	

Architectural Professional Practice I

Subject	Course	Units	Completed
ARC 115	Architectural Practice	2	
ARC 152	Equipment of Buildings	3	
TOTAL UNITS REQUIRED		5	

Architectural Professional Practice II

Subject	Course	Units	Completed
ARC 210	Construction Estimating	3	
ARC 211	Introduction to Building Codes	3	
TOTAL UNITS REQUIRED		6	

Architectural Transportation Planning

Subject	Course	Units	Completed
TRN 101	Transportation Planning I	3	
TRN 102	Transportation Planning II	3	
TOTAL UNITS REQUIRED		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	Course	Units	Completed
ARC 160	Computers for Designers	3	
ARC 161	Introduction to Computer-Aided Architectural design	2	
ARC 162	Computer-Aided Design and Drafting	3	
ARC 164	Design Software for Architecture	2	
ARC 171	Architectural Detailing	2	
ARC 172	Architectural Drawing I	3	
ARC 173*	Architectural Drawing II	3	
ARC 180	Computer-Aided Architectural Laboratory	1	
ARC 261	Computer-Aided Design for Architecture I	3	
ARC 262	Computer-Aided Design for Architecture II	3	
ARC 264	3D Modeling for Designers	3	
ARC 271*	Architectural Drawing III	3	
ARC 272*	Architectural Drawing IV	3	
TOTAL UNITS REQUIRED		34	

Electives:
ARC 185
ARC 285
ARC 385
*This course has a prerequisite.

Architectural Design

Subject	Course	Units	Completed
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	
TOTAL UNITS REQUIRED		12	

Architectural Drawing

Subject	Course	Units	Completed
ARC 172	Architectural Drawing I	3	
ARC 173	Architectural Drawing II	3	
ARC 271	Architectural Drawing III	3	
ARC 272	Architectural Drawing IV	3	
TOTAL UNITS REQUIRED		12	

Architectural Drafting

Subject	Course	Units	Completed
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	
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 IIV	3	
TOTAL UNITS REQUIRED		30	

Electives:
ARC 185
ARC 285
ARC 385
*This course has a prerequisite.