



# Glendale Community College

Department of Architecture  
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## Architecture Skill Awards

### Computer Aided Design Area

#### Architectural CAD Skill Award

The Architectural CAD Skill Award is to train the student in introductory and advanced techniques in the use of Computer Aided Design (CAD) software such as AutoCAD and Revit Architecture. Upon completion of this skill award, the student may enter the workforce as an architectural CAD technician.

<u>Course</u>	<u>Units</u>
Arch 101 – Basic Drafting and Design.....	3
Arch 250 – Introduction to Autodesk Revit Architecture .....	3
Arch 251 – Advanced Revit .....	3
Engr 109 – Basic AutoCAD Applications .....	3
<b>Total Units.....</b>	<b>12</b>

**Note:**

Arch 250 and Engr 109 requires the completion of the prerequisite class, Arch 101. Arch 251 requires the completion of Arch 250. (The student may request to challenge the prerequisite course.)

### Architectural Design Area

#### Architectural Introductory Residential Design Skill Award

The Architectural Introductory Residential Design Skill Award is to train the student in introductory design techniques for a one & two-story residence. Upon completion of this skill award, the student may enter the workforce as a residential architectural drafter/designer. This is the first of three stackable skill awards for Architectural Design.

<u>Course</u>	<u>Units</u>
Arch 101 – Basic Drafting and Design.....	3
Arch 102 – Architectural Drafting and Design .....	3
Arch 120 – Residential Architectural Design I .....	3
<b>Total Units.....</b>	<b>9</b>

#### Architectural Advanced Residential Design Skill Award

The Architectural Advanced Residential Design Skill Award is to train the student in the advanced design techniques for a two-story multi-family structure. Introductory instruction in the area of interior design is also included. Upon completion of this skill award, the student may enter the workforce as an architectural and interior drafter/designer. This is the second of three stackable skill awards for Architectural Design.

<u>Course</u>	<u>Units</u>
Arch 125 – Residential Architectural Design II .....	3
Arch 141 – Interior Design.....	3
<b>Total Units.....</b>	<b>6</b>

**Note:**

Requires the completion of the following prerequisite classes: Arch 101, Arch 102, and Arch 120. (The student may enroll in these classes at the same time with instructor permission.)

## Architectural Design Area (continued)

### Architectural Commercial Design Skill Award

The Architectural Commercial Design Skill Award is to train the student in the design techniques for the design of a one and two-story commercial structure. Advanced instruction in the area of interior design is also included. Upon completion of this skill award, the student may enter the workforce as a commercial and interior design drafter/designer. Students will also complete a portfolio of their work from previous architecture classes. This is the third of three stackable skill awards for Architectural Design.

<u>Course</u>	<u>Units</u>
Arch 130 – Commercial Architectural Design I.....	3
Arch 135 – Commercial Architectural Design II.....	3
Arch 142 – Advanced Interior Design .....	3
Arch 240 – Architectural Portfolio Development .....	2.5
<b>Total Units.....</b>	<b>11.5</b>

**Note:**

Arch 130 requires the completion of the following prerequisite classes: Arch 101 and Arch 102. Arch 142 requires Arch 141. Arch 240 requires Arch 120, 130, and 250. (The student may enroll in these classes at the same time with instructor permission.)

## Visualization Area

### Architectural Visualization Skill Award

The Architectural Visualization Skill Award is to train the student in the fields of Perspective Drawing and Descriptive Geometry. This will enhance the students' skill in visualizing an architectural structure. Introductory training in the SketchUp and Rhinoceros software is also included. Upon completion of this skill award, the student will be able to create drawings needed for the preliminary design of an architectural project.

<u>Course</u>	<u>Units</u>
Arch 101 – Basic Drafting and Design.....	3
Arch 103 – Descriptive Geometry .....	3
Arch 105 – Perspective Graphics w/Introduction to SketchUp and Rhinoceros .....	3
<b>Total Units.....</b>	<b>9</b>

**Note:**

Arch 103 and 105 requires the completion of the prerequisite class, Arch 101.  
(The student may enroll in both classes at the same time with instructor permission.)

## Permit Technician Area

### Architectural Permit Technician Skill Award

The Architectural Permit Technician Skill Award is to train the student in the fields of Building Codes and Print Reading. Upon completion of this skill award, the student will be able to apply the relevant codes and interpret the information on construction documents. With practical experience, students will be able to work as a Building Code Permit Technician.

<u>Course</u>	<u>Units</u>
Arch 106 – Building Codes I.....	3
Arch 108 – Architectural Print Reading .....	3
<b>Total Units.....</b>	<b>6</b>

**Note:**

Arch 106 requires the completion of the following prerequisite class: Arch 101.  
(The student may request to challenge the prerequisite course.)

# Interior Design Area

## Architectural Interior Design Skill Award

The Architectural Interior Design Skill Award is to train the student in the field of Interior Design. Upon completion of this skill award, the student will be able to design and document the requirements for residential and commercial spaces.

<u>Course</u>	<u>Units</u>
Arch 141 – Interior Design.....	3
Arch 142 – Advanced Interior Design .....	3
<b>Total Units.....</b>	<b>6</b>

Note:

Arch 142 requires the completion of the prerequisite class, Arch 141.

### **Please Note:**

If the student feels that they meet the equivalent education/experience, please contact the instructor or department chair for permission to enroll in classes that require a prerequisite.

Last Revision: July 29th, 2020