

# CERTIFICATE OF ACHIEVEMENT



## Residential Architecture Design

This certificate of achievement provides a focused course of study for students in preparation for careers as licensed architects or designers, with a focus on single-family homes or duplexes. Emphasis is placed on drafting basics including linework, dimensioning, and symbology in the context of appropriate industry standards, and with the use of computer-aided drafting (CAD) software. Course instruction regarding the requirements of current building codes and how they affect residential design is an integral component to the certificate.

To acquire the **Certificate of Achievement in Residential Architecture Design**, it is necessary to complete the following courses:

Required Courses	Units	N	IP	C
ENGT 101 Introduction to Technical Drawing & Graphics	3			
ENGT 150 AutoCAD for Basic CADD Applications or ENGT 170 MicroStation for Basic CADD Applications	4			
ARCH 115 Introduction to Residential Architecture: Drawing and Design	4			
ARCH 125 *Residential Architecture: Design and Construction	4			
<b>Choose a minimum of 1 unit from the following:</b>				
ENGT 105 Introduction to Visualization, Sketching, & Rendering	2			
ARCH 290 Cooperative Work Experience/Internship for Architecture Related Fields	1-4			
ARCH 299 *Directed Study in Architecture Design & Drawing	1-3			
<b>Total units needed for Certificate of Achievement</b>				
	<b>16-19</b>			
Units Completed				
*Prerequisite/Corequisite				
<i>Courses are not necessarily listed in order of enrollment; see prerequisites</i>				