ARCHITECTURAL DRAFTING AND DESIGN (CERT)

CERTIFICATE OF ACHIEVEMENT

The Architectural Drafting and Design Certificate prepares students to work as drafters/designers in industry and to upgrade the skills of persons presently employed as drafters/designers. This 14-unit certificate will train students in the drafting/design techniques utilized in industry.

Program Student Learning Outcomes

- Students can create a 3-D modeling environment with multiple views and dynamically view-edit a 3-D model.
- Students can use 3-D architectural software to design, model and document with given conditions appropriate for a project.
- Students demonstrate the ability to produce competent construction documents for building projects utilizing manual and digital drafting techniques.
- Students design, develop, virtually construct and administrate multi-disciplinary projects using BIM (Building Information Modeling) technology.

Program Requirements

Code Number	Course Title	Units
Required Courses		
ARCH 111	Architectural Drafting and Design I	3.0
ARCH 121	Architectural Drafting and Design II	3.0
ARCH 122	Architectural Delineation	2.0
ARCH 212	Architectural Design Theory I	3.0
ARCH 222	Architectural Design Theory II	3.0
Total Units		**14**