ARCHITECTURAL TECHNOLOGY, CERTIFICATE OF ACHIEVEMENT

The Certificate of Achievement in Architectural Technology provides students with the skills necessary to model or present a wide array of projects according to the latest standards and advances in technology. Students may choose a specific area of study or to gain broad knowledge to use in diverse fields. The use of state of the art parametric modeling programs provides students with employment and advanced education skills. Students use some of the most modern software and modeling techniques in "real world" design problem applications providing them with the knowledge and skills needed for a wide array and diverse areas of employment.

This certificate is designed to prepare students to work as architectural technicians or computer drafters in an architectural, engineering, or development office. A certificate in architecture frequently leads individuals up the career ladder.

Course ID	Title	Units/Hours
Required Core		
ARCH V23	Introduction to AutoCAD	2
or DRFT V05A	Introduction to AutoCAD	
ARCH V24	Advanced Operations of AutoCAD	2
or DRFT V05B	Advanced Operations of AutoCAD	
ARCH V25	Digital Tools for Architecture	3
ARCH V31	Revit Practice I	3
ARCH V32	Revit Practice II	3
Total Units		**13**

Upon successful completion of this program, students will be able to:

- Students will recognize and critically analyze the elements and principles of architectural design and construction
- Students will develop critical understanding of the practice of architecture and its components.
- Students will have the ability to recognize and execute cognitive, cultural, physical, social and sustainable factors in planning construction and the execution of architectural designs.
- Students will display competency with graphic communication of ideas.