ARCHITECTURE TECHNOLOGY

Certificate of Achievement
Career/Technical (Major Code: A2842)

Designed to provide the student with the skills and technical knowledge required for employment as technicians in the environmental design departments of architecture, landscape architecture, urban planning, and environmental research. Students also are placed within the building construction industry and its allied professions.

Program Student Learning Outcomes

- Develop and expand their technological skill-set and professional practices through the use of state-of-the-art equipment and software consistent with our profession.
- Enhance their international perspective by direct involvement in classroom discussions, design programs, design projects, historical design issues and cultural and social perspectives that are global in scope, including issues of sustainability and environmental sensitivity.
- Develop a greater sense of self-awareness and interpersonal skills by required participation in team projects.
- Further enhance critical communication skills by requiring them to express not only their solution to design problems, but also demonstrating the process of arriving at these solutions, orally, graphically and three-dimensionally to professionals and fellow students.
- Develop critical thinking skills in a problem/project based curriculum that requires solving spatial, social, engineering and sustainable design problems by developing creative and individual solutions.

Gainful Employment

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that "prepares students for gainful employment in a recognized occupation."

Students who complete this program will have acquired the necessary analytical tools to successfully secure gainful employment in the field of study.

For more information regarding the data provided for this program and what it means to you as a student, please feel free to visit our SWC Gainful Employment website at: www.swccd.edu/gainfulemployment (http://www.swccd.edu/gainfulemployment/).

First Semester		Units
ARCH 115	GRAPHIC COMMUNICATION FOR ARCHITECTS AND DESIGNERS	3
ARCH 150	ARCHITECTURAL DESIGN I	5
	Units	**8**
Second Semester		
ARCH 112	ARCHITECTURAL RENDERING	3
ARCH 151	ARCHITECTURAL DESIGN II	3
ARCH 165	ARCHITECTURAL PRACTICE I	3
	Units	**9**
Third Semester		
ARCH 200	INTRODUCTION TO COMPUTER AIDED DESIGN	3
ARCH 235	STRUCTURES	3
ARCH 265	ARCHITECTURAL PRACTICE II	3
	Units	**9**
Fourth Semester		
ARCH 201	BEGINNING BUILDING INFORMATION MODELING	3
ARCH 222	ENVIRONMENTAL CONTROLS	2
	Units	**5**
	Total Units	**31**