

## ARCHITECTURE, Diploma - 0656

Engineering, Trades & Computer Technologies Department

CIP Code: 15.1303

The Architecture diploma program prepares students for entry-level employment in architectural firms and related settings. This diploma provides a foundation for further study in HACC's Architecture and Building Construction Management programs. These programs prepare students for entry-level employment as well as transfer to four-year schools. This curriculum explores construction documents, materials and methods of construction, building codes, the use of Computer-Aided-Drafting (CAD) and Building Information Modeling (BIM) software, and a variety of other relevant topics. All of the courses in this diploma articulate into both the Architecture and Building Construction Management AAS degrees at HACC. Students should select their electives based upon their chosen career path. Students in both programs have successfully transferred to four-year Architecture and Construction Management programs. The complete program is available through virtual learning.

### Career Opportunities

Graduates may secure positions as CAD/BIM operators - assisting with the preparation of construction documents for a wide variety of building types. Employment opportunities exist in architectural, design-build, construction, and interior design firms. **(SOC Code: 17-3011 Architectural and Civil Drafters)**

### Competency Profile

This curriculum is designed to prepare students to:

- Interpret construction drawings
- Describe construction materials and systems, as well as methods used in architectural construction
- Explain the application of building codes in the design and construction process
- Use a computer in an architectural office or related setting

### PROGRAM REQUIREMENTS (TOTAL CREDITS = 18)

General Education	Major Requirements		Other Required Courses	
	ARCH 110 Construction Print Reading	3	Program Electives*	6
	ARCH 111 Architectural Graphics I	3		
	ARCH 130 Construction Materials and Methods	3		
	ARCH 135 Codes, Specifications and Safety	3		
		12		

\*Students should select two courses from the following: ARCH 214, 251; HUM 115.

### RECOMMENDED SEQUENCE FOR FULL-TIME STUDENTS

Part time students can complete this program by taking one or more courses each semester.

Fall Semester I		Spring Semester I	
ARCH 110	3	ARCH 130	3
ARCH 111	3	ARCH 135	3
Program Elective*	3	Program Elective*	3