

# Architecture and Construction Career Cluster

The Architecture and Construction Career Cluster focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.

## Architectural Design Statewide Program of Study



The Architectural Design program of study explores the occupations and educational opportunities associated with developing, engineering, and designing building structures and facilities. This program of study may also include exploration into collecting and interpreting geographic information, researching and preparing maps, and interior design.

### Secondary Courses for High School Credit

#### Level 1

- Principles of Architecture
  - 1 Semester at Ben Barber
  - 1819CT/9-12

#### Level 2

- Architectural Design I
  - 1 Semester at Ben Barber
  - 1660CT/10-12
  - Prerequisites: Principles of Architecture AND English I AND Algebra I**

#### Level 3

- Architectural Design II
  - 2 Semesters at Ben Barber
  - 1665CA-CB/11-12
  - Prerequisites: Architectural Design I AND Geometry**
  - Autodesk Certified User in Revit Architecture Certification Possible**

#### Level 4

- Practicum in Architectural Design
  - 2 Semesters at Ben Barber
  - 1668CA-CB/12 only
  - Prerequisites: Architectural Design II**
  - Selection Process

### Roadmap to Completer

Grade	Semester 1	Semester 2
Level 1	1819CT Principles of Architecture (1 Credit)	
Level 2	1660CT Architectural Design I (1 Credit)	
Level	1665CA-CB Architectural Design II (2 Credits)	
Level 4	1668 CA-CB Practicum in Architectural Design (2 Credits) <i>Students must successfully complete a level 1 or 2 course AND a level 3 or 4 course to take a practicum course</i>	

1 Semester Home Campus	2 Semester Home Campus	1 Semester Ben Barber	2 Semesters Ben Barber
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- Failure to follow the sequence of courses in the Roadmap to Completer could result in a student not meeting standards to be a CTE Completer in the program of study.
- Students without their own transportation may not be able to participate in a practicum course.
- Successful completion of the Architectural Design program of study will fulfill requirements of the Business and Industry endorsement.