

# STEM Endorsement – Architectural Design

## Courses:

8029 – Architectural Design I\*

8602 – Architectural Design II (Miller)

8615 – Practicum in Architectural Design (Miller)

\*(Prerequisite: 8616 Principles of Applied Engineering)

## What can students expect:

The architecture design program of study focuses on the designing, planning, and managing structures where we live, work, and play. If you are into design and creating functional structures and spaces, then the Architectural Design pathway is for you. CTE learners will ultimately learn how to listen to and meet client needs in a project.

## Traits of students who excel:

- Problem solver
- Creative
- Team player
- Able to take initiative
- Spatially intelligent

## Traits of students who struggle:

- Fear of computers
- Not a team player, cannot work in a group
- Lack of creativity or interest for creativity

## Career & Technical Student Organizations:

Technology Student Association

## Additional Opportunities:

Autodesk AutoCAD Certification

Autodesk Revit Certification

## Career & Salary Information (*Figures from [payscale.com](https://payscale.com), accessed May 2022*):

Architect (average): \$80K

Landscape Architect: \$68k

Marine and Naval Architect: \$93k

\*Management-level or self-employed architects may have higher salaries.