



Department of Teaching and Learning
Career and Technical Education
Course Information

Architectural Drawing and Design
Course Credit: 1.0
Course Code: 854000
Grades: 10-12

Counselors are available to assist parents and students with course selections. Families may arrange to meet with counselors by contacting the school's counseling department.

COURSE DESCRIPTION

Students learn the principles of architecture and increase understanding of working drawings and construction techniques learned in the prerequisite course. Experiences include residential and commercial building designs, rendering, model development, and structural details. Students use computer-aided drawing and design (CADD) equipment and established standards or codes to prepare models for presentation. The course is especially beneficial to future architects, interior designers, or home builders.

This course counts as an elective credit.

COURSE COMPETENCIES

[Course competencies can be found in the Curriculum Guides section.](#)

PREREQUISITE

[Technical Drawing and Design](#)

WORK-BASED LEARNING EXPERIENCE

[Service Learning](#)

CREDENTIAL

Students are eligible to sit for the following credentials:

[Autodesk Revit](#)

CAREER AND TECHNICAL STUDENT ORGANIZATION (CTSO)

Technology Student Association (TSA) provides the application and integration of science, technology, engineering, and mathematics (STEM) concepts through co-curricular instruction, leadership development, competitive events and related programs.



BENEFITS OF CAREER AND TECHNICAL STUDENT ORGANIZATIONS INCLUDE:

- Provides a hand-on approach to learning
- Refines career objectives through realistic experiences
- Promotes awareness of new career opportunities
- Develops skills and responsibilities for being a role model and mentor
- Cultivates social development and awareness
- Develops a sense of community and volunteerism
- Develops an appreciation and understanding for cultural diversity
- Improves communication and decision-making skills
- Provides for personal development
- Develops interpersonal and leadership skills
- Develops responsibility and self-confidence
- Provides opportunities for recognition

LAB FEE

This course does not have a lab fee.

OPTIONS FOR NEXT COURSE

[Advanced Drawing and Design](#)