

PROGRAM OF STUDY:

ARCHITECTURAL DESIGN

ARCHITECTURE & CONSTRUCTION
CAREER CLUSTER

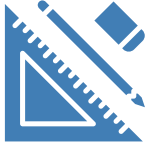


CAREER & TECHNICAL
STUDENT ORGANIZATIONS:

SKILLSUSA

9TH GRADE

PRINCIPLES OF ARCHITECTURE



INSTRUCTIONAL MATERIALS

- Architecture Illustration

TEKS-REQUIRED LAB TIME?

Y / N

ONLINE INSTRUCTIONAL MATERIALS

- iCEV
- Instructor-created material for DC classes

CERTIFICATIONS

10TH GRADE

ARCHITECTURAL DESIGN I



INSTRUCTIONAL MATERIALS

- Comprehensive AutoCAD
- Parametric Modeling with Inventor

TEKS-REQUIRED LAB TIME?

Y / N

ONLINE INSTRUCTIONAL MATERIALS

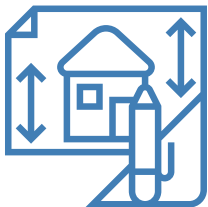
- Instructor-created material for DC classes

CERTIFICATIONS

- Autodesk Certified Professional or User (ACU) - Inventor
- Precision Exams: CAD Architectural Design I (631) (requires high level computer)

11TH GRADE

ARCHITECTURAL DESIGN II



INSTRUCTIONAL MATERIALS

- Comprehensive AutoCAD
- Residential Design Using AutoCAD
- Parametric Modeling using Solidworks

TEKS-REQUIRED LAB TIME?

Y / N

ONLINE INSTRUCTIONAL MATERIALS

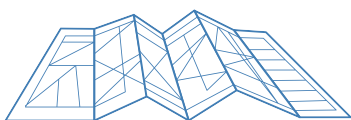
- GoEngineer (Solidworks Tutorials)
- Instructor-created material for DC classes

CERTIFICATIONS

- Precision Exams: CAD Architectural Design II (632) (requires high-level computer)
- Autodesk Certified Professional or User in AutoCAD

12TH GRADE

PRACTICUM IN ARCHITECTURAL DESIGN



INSTRUCTIONAL MATERIALS

- Civil Drafting Technology
- Residential Drafting using Revit
- Commercial Design using Revit

TEKS-REQUIRED LAB TIME?

Y / N

ONLINE INSTRUCTIONAL MATERIALS

- Instructor-created material for DC classes

CERTIFICATIONS

- Dallas College Architectural Drafting Level 1 Certificate