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

Subject to change as TEKS are reviewed by the state and THECB and as the labor market dictates.