Architectural Design Pathway

BUSINESS & INDUSTRY ENDORSEMENT

Required Level 1	Required Level 2	Level 3	Level 4
Principles of Architecture	Architectural Design I	Architectural Design II	Practicum in Architectural Design

- OR -

Career Preparation (Architecture Focus)

CERTIFICATION: Autodesk Certified Professional or User Revit Architecture, Autodesk Certified Professional or User AutoCAD

PRINCIPLES OF ARCHITECTURE
KISD #: 948118   **PEIMS:** 13004210
Grades: 9-10   1.0 Credit
Prerequisite: None

Students will gain knowledge of the various fields of architecture, interior design, and construction management. This course includes communication of architecture related assignments through computer graphics, modeling, and presentations. Students will use a variety of computer hardware and software applications to complete assignments and projects.
Required Fee/Materials: Yes

ARCHITECTURAL DESIGN I
KISD #: 947218   **PEIMS:** 13004600
Grades: 10-11   1.0 Credit
Prerequisite: Principles of Architecture

Students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. This course includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scale models for commercial or residential architectural purposes.
Required Fee/Materials: Yes

ARCHITECTURAL DESIGN II
KISD #: 947318   **PEIMS:** 13004700
Grades: 11-12   2.0 Credits
Prerequisite: Architectural Design I

This course includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scale models for commercial or residential architectural purposes.
Required Fee/Materials: Yes
Advanced Grade Points: Yes
Industry Certification: Autodesk AutoCAD, Autodesk Revit

PRACTICUM IN ARCHITECTURAL DESIGN
KISD #: 947518   **PEIMS:** 13004800
Grades: 12   2.0 Credits
Prerequisite: Architectural Design II

Students will participate in a course that promotes independent study which may include internships and professional mentorships.
Required Fee/Materials: Yes
Advanced Grade Points: Yes
Industry Certification: Autodesk AutoCAD, Autodesk Revit

CAREER PREPARATION I (Architecture Focus)
KISD #: 967718 **PEIMS: 12701300**
Grades: 11-12 **2.0 Credits**

EXTENDED CAREER PREPARATION I
KISD #: 967618 **PEIMS: 12701305**
Grades: 11-12 **3.0 Credits**
Prerequisite: **At least 16 years of age _and_ valid work documentation (such as a Social Security card) _and_ Approval Process**

A work-based learning program that combines occupationally related classroom instruction and work-based experiences. Students are expected to be enrolled in the career preparation program the entire school year and must have reliable transportation to/from the training site each day. A student not employed at an approved training station prior to the ninth day of school shall have a schedule change removing him/her from the Career Preparation program. The student must be in a paid position and may not be employed by a relative. The student will receive an employer evaluation each grading period as one component of the nine-week average.
Approval Process: Yes
Transportation Needed: Yes