Business & Industry Pathway – Architecture Design

Principles of Architecture		Architectural Design I		Architectural Design II		Practicum in Architecture Design
Grades 9-11 1.0 Credit	→	Grades 10-12 1.0 Credit CERTIFICATIONS Autodesk AutoCAD and Revit	→	Grades 11-12 2.0 Credits CERTIFICATIONS Autodesk Revit	→	Grade 12 2.0 Credits
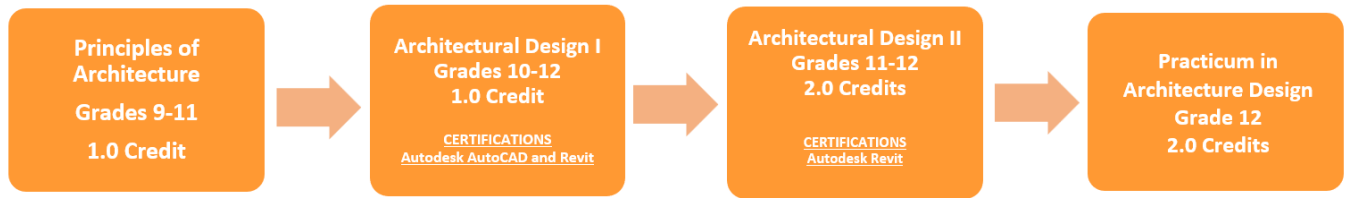
||| Recommended Sequence

→ Required Sequence

Courses that are inclusive for any Pathway or Endorsement are BIM I, Professional Communications, Touch System Data Entry and Career Preparation

PRINCIPLES OF ARCHITECTURE

KISD #:	948118	PEIMS: 13004210
Grades:	9-11	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:	10-12	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
Certification: Autodesk AutoCAD, Autodesk Revit

PRACTICUM IN ARCHITECTURAL DESIGN

KISD #:	947518	PEIMS: 13004800
Grades:	12	2.0 Credits
Prerequisite:		Architectural Design II

Students will continue to build skills needed to enter the workforce in a construction related field. This course is a classroom/laboratory based.

Required Fee/Materials: Yes
Advanced Grade Points: Yes
Certification: Autodesk AutoCAD, Autodesk Revit