

Pipefitting Technology I

TEDS: N1300425

KISD: 84016

Credit: 1

Grade: 10-12

Required prerequisites: Algebra I and Geometry

Students will learn the types of work performed, responsibilities and career opportunities within the industry, and safety principles associated with pipefitting. Additionally, students will learn care, selection, and use of hand and power tools of the trade and ladder and scaffold safety, selection, construction, and the associated hazards. Oxyfuel cutting and associated safety procedures will be reinforced. Students will learn the maintenance, operation, and safety of motorized equipment. This class may lead to the National Center for Construction Education and Research (NCCER) certification.

Electrical Technology I

TEDS: 13005600

KISD: 88820

Credit: 1

Grade: 10-12

Recommended prerequisite: Principles of Construction

In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

Electrical Technology II

TEDS: 13005700

KISD: 88821

Credits: 2

Grade: 11-12

Required prerequisite: Electrical Technology I

In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

Interior Design I

TEDS: 13004300

KISD: 81202

Credit: 1

Grade: 10-12

Recommended prerequisite: Principles of Architecture, Algebra I, and English I

Interior Design I is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Individuals use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry.

Interior Design II

TEDS: 13004400

KISD: 81203

Credit: 2

Grade: 11-12

Recommended prerequisite: Interior Design I, English II, and Geometry

Interior Design II is a technical laboratory course that includes the knowledge of the employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to interior spatial design.



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