OUR CONTACT INFORMATION:

(972) 544-3737
www.ferrisisd.org/departments/academics/p-tech
rsimms@ferrisisd.org

CAREER TECHNICAL PATHWAYS

Healthcare Therapeutic
Occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team.

Exercise & Wellness (Sport Med)
Fields that assist patients with maintaining physical, mental, and emotional health.

Family and Community Services
Knowledge and skills related to social services, including child and human development and consumer sciences.

Business Management
Learn to plan, direct, and coordinate administrative services and operations of an organization. Including skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources.

Pathways in Technology Early College High School is a model of education that offers a combination of high school, college, and workplace learning to prepare students for careers in technology and related fields. It’s a public-private partnership in which a high school works with a local community college and industry partners to provide students with a pathway to a college degree and a career.
PTECH PROGRAMS

Teaching & Training
Prepares learners for careers related to teaching, instruction, and the creation of instructional and enrichment materials.

Cybersecurity
Opportunities for planning, implementing, upgrading, or monitoring security measures to protect computer networks and information.

Construction Technology
Opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways).

MORE INFORMATION: SCAN BELOW

Teaching & Training

Construction

Cybersecurity

CAREER TECHNICAL EDUCATION PATHWAYS

Graphic Design
Opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos.

Digital Communication (A/V)
Opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures.

Commercial Photography (Yearbook)
Develop an understanding of the commercial photography industry with a focus on the aspects of creating quality photographs to produce the yearbook.

Drones (Unmanned Flight)
Opportunities related to operating or designing an unmanned aircraft using a ground-based controller and the systems of communications between the controller and the aircraft.

Animal Science
Apply biology and life science to real-world life processes of animals and wildlife, in laboratories or in the field, including veterinary office, a farm, a ranch, or any outdoor area harboring animal life.

Plant Science (Floral Design)
Apply biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field.

Agriculture Engineering (Welding)
Apply knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, and structures.

Masonry
Opportunities related to laying and binding materials, such as brick, structural tile, concrete block, and other types of mortar to construct or repair walls and other structures.