Overview

P-TECH is an innovative partnership between School District 51, Western Community College, Colorado Mesa University, and a combination of local high growth industry employers.

Students begin in ninth grade and continue for up to six years (i.e. high school and two equivalent years of college).

Students graduate with both a high school diploma and an industry recognized Associate's Degree in addition to gaining relevant workplace skills.

Students receive intensive student support services, mentoring, job shadowing, internships, pre-apprenticeships, and other workplace educational experiences.

Community Partners

Colorado Mesa University

Western Colorado Community College
A Division of Colorado Mesa University

School District 51
Mesa County Valley
Engage, Equip, and Empower

Grand Junction Community Business Partners Include:

Reynolds Polymer	FCI
GPD Global	Clifton Fire Department
Wren Industry	Schneeser and Associates
Jabil Lewis	

Warrior Way PTECH
Pathways in Technology Early College High School

Discover
Connect
Get Inspired

P-TECH
Pathways in Technology

"There isn't a greater problem standing in the way of U.S. competitiveness than closing the skills gap, and this gets right at that core problem." -*IBM Executive*

Why Apply for PTECH?

While in high school, students follow a learning scope and sequence. Students will build a learning community, be held to high standards and expectations, receive intensive student support, mentoring, job shadowing, internships, and experience other workplace environments.

What are the Requirements?

Students start in a pre-PTECH program their 9th-10th grade year. To stay eligible for PTECH, students must maintain a cumulative GPA of 2.5 or higher. They must earn a "C" or higher in coursework toward major content area in their pathway.
Students must maintain an 80% attendance rate and be working on WCCC course work within their chosen field by Spring of 11th grade.

Warrior Way PTECH Pre -Application

CHS Pathways Offered

Welding Technology: Our associates in *welding technology* provide you with the skills to work safely and effectively in the welding field. In this program, students will learn how to complete a project from start to finish learning everything from blue print reading to layout to cutting to welding, and so much more!

Mechanical Engineering Technology: As industry grows, companies are looking for people who can apply math, science, and engineering to design and carry out solutions to industrial problems. This program provides students with the education they need in STEM fields to go straight into the engineering technology field or continue with a 4 year degree.

Machining Manufacturing Technology: In the *machining technology* emphasis, students learn to apply industrial knowledge and skills to plan and implement designs, operate manual mills and lathes, operate computer-aided machinery with CAD/CAM software, and computer-numerical controlled (CNC) machines. Students also develop the skills that enable them to read blueprints, apply appropriate mathematical concepts, and understand the properties of metal and polymers.

Mechatronics: The word comes from mixing the words "mechanical" and "electronics." As a *mechatronics* student, you will explore the many ways separate systems work together to make "smart" devices. Take classes related to the "Internet of Things," machines, electronics, electrical motor controls, sensors, and more.

CENTRAL WARRIORS

The Fire Science Technology: This program is designed to prepare students for entry level occupation in structural fire service

The Pharmacy Technician: This program is designed to instruct students in both the academic and clinical skills necessary to be a successful pharmacy technician.

The Construction Technology: This program offers the most comprehensive construction education available in the region with concentrations in plumbing, estimating, scheduling, plan-reading and codes.

The Construction Electrical: This program at WCCC is designed to prepare students for a wide range of opportunities in the construction electrical field. The curriculum includes course work in residential, commercial and industrial wiring.

Land Surveying and Geomatics: This program involves the scientific process of measuring the three-dimensional aspects on, above and below the earth's surface. Graduates with either the AAS or Post-Baccalaureate Certificate in Land Surveying and Geomatics meet the educational requirements required by Colorado statute and the Colorado Board of Architects, Professional Engineers and Professional Land Surveyors to sit for the fundamentals of surveying examination.

Early Childhood Education (ECE) : This program provides students with a foundation for working with children (birth to age eight) in a variety of settings. Students complete their degree by completing a student teaching in an early childhood classroom.

Electric Line Worker Program: This program covers all areas of training needed for those who desire to become an apprentice electric lineman. Students learn the basic skills in the study of electricity, the fundamentals of electric line work and transformer connections, and underground repair and installation.