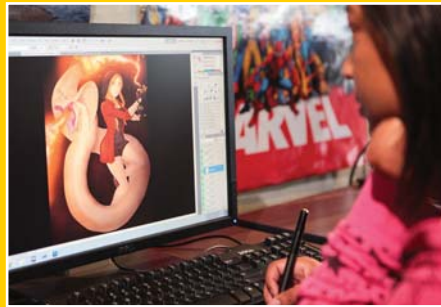




School of Professional & Technical Programs

HIGH SCHOOL COUNSELOR'S GUIDE

TO PTP DUAL CREDIT PATHWAYS



2017-2018



Suggested Dual Credit Pathway: Criminal Justice

High School
Endorsement:
Public Services

Criminal Justice

Criminal justice professionals provide vital services to protect citizens. Trained and educated law enforcement officers investigate crime and protect the property and the lives of the people on their jurisdiction. The principle task of law enforcement investigators (also known as detectives) is to collect evidence and obtain facts pertaining to criminal cases. They do so by conducting detailed investigations, interviews with witnesses, observing and interrogating suspects, processing physical evidence and examining records.

Students are strongly encouraged to check senior college degree requirements as well as work closely with their academic or faculty advisor at TJC and the university to which they plan to transfer. University requirements differ.

Prospective Employers:

State/City Police Departments

U.S. Secret Service

Correctional Facilities

Employment Outlook:

Job opportunities for law enforcement officers are expected to be excellent. Expected growth over the next decade for these jobs is 11%.

Required Instructional Equipment:

None

Student equipment requirements:

Internet Access

Suggested courses for Dual Credit

CRIJ 1301 Introduction to Criminal Justice (Fall) (3-0) (3 Credits) This course provides a historical and philosophical overview of the American criminal justice system, including the nature, extent, and impact of crime; criminal law; and justice agencies and processes.

CRIJ 1306 Court Systems and Practices (Spring) (3-0) (3 Credits) This course is a study of the court system as it applies to the structures, procedures, practices and sources of law in American courts, using federal and Texas statutes and case law.

CRIJ 2328 Police Systems and Practices (Fall) (3-0) (3 Credits) This course examines the establishment, role and function of police in a democratic society. It will focus on types of police agencies and their organizational structure, police-community interaction, police ethics, and use of authority.

*Available to seniors who have taken CRIJ 1301 & 1306

CRIJ 2313 Correctional Systems and Practices (Spring) (3-0) (3 Credits) This course is a survey of institutional and non-institutional corrections. Emphasis will be placed on the organization and operation of correctional systems; treatment and rehabilitation; populations served; Constitutional issues; and current and future issues

*Available to seniors who have taken CRIJ 1301 & 1306

For more information contact:

Jason Waller, Professor/Department Chair

Phone: 903-510-2539

Office: Pirtle Technology Building, T-116

E-mail: jwal@tjc.edu

Note: Courses can be taken on the TJC campus or your school campus given equipment and instructor requirements are met.



Suggested Dual Credit Pathway: Electrical/Electronic Controls Technology

High School
Endorsement:
Business & Industry

Electronic Controls Technology

The Electrical/Electronic Controls Technician will repair, test, adjust, calibrate and install electronic equipment, such as industrial controls, transmitters and electro-mechanical hardware that operate primarily on the basis of electrical or electronic principles. Technicians will utilize various troubleshooting techniques to determine causes of operating errors. Technicians interact with equipment by employing computers and computer systems (including hardware and software) to program, setup functions, enter data, or process information. ***All employment data given is based upon Associate Degree holders.**

Prospective Employers:

Electrical Power distribution and Transmission companies:
Oncor Electric
Cherokee County COOP
Any Manufacturers utilizing factory automation:
Tyler Pipe
Trane
Hunt Refinery
Priefert Manufacturing

Employment Outlook:

Overall employment of Controls Technicians is projected to increase 18 percent in Texas over the 2012 - 2022 decade.

Required Instructional Equipment:

- Wooden work benches
- Computers with Multisim simulation software

Student equipment requirements:

- Arduino Starter Kit #K000007
- Beleaf Electric Soldering Iron Kit- 60W 110V
- Safety Glasses
- Small Tool Box
- Wire Stripper/Diagonal Cutter
- Needle Bent Nose Pliers
- Kaisi 16 Piece Precision Screwdriver Set

Suggested courses for Dual Credit

TECM 1303 Technical Calculations (3-0) (3 Credits)

Specific mathematical calculations required by business, industry, and health occupations.

CETT 1321 Electronic Fabrication (2-2) (3 Credits)

A study of electronic circuit fabrication techniques including printed circuit boards, wire wrapping, bread boarding, and various soldering techniques.

IEIR 1302 Introduction to Direct Current Circuits (2-3) (3 Credits) Fundamentals of direct current including Ohm's Law. Emphasis on methods of analyzing series, parallel, and combination circuits including measurement devices.

Prerequisite: TECM 1303

For a more detailed equipment list or further Information, Contact:

Bill Stiles, Department Chair
Phone: 903-510-3753
Office: Energy Center 1223
E-mail: bsti@tjc.edu

Note: Courses can be taken on the TJC campus or your school campus given equipment and instructor requirements are met.

Note: Applicants must meet the admission requirements for TJC and take the Bennett Mechanical Comprehension Test. However, the passage of the Bennett test cannot exclude a student from enrollment in a Level 1 (CERT1) program.

Note: Department-specific courses must be taken in sequence and may have a prerequisite course. Exceptions must be approved in writing by the department chair. All new students are required to attend electrical/electronic controls orientation.