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| CRIJ 1310 | Fundamentals of Criminal Law Study of criminal law, its philosophical and historical development, major definitions and concepts, classifications and elements of crime, penalties using Texas statutes as illustrations, and criminal responsibility. | 3.3.0 |
| CRIJ 1313 | Juvenile Justice System A study of the juvenile justice process to include specialized juvenile law, role of the juvenile law, role of the juvenile courts, role of police agencies, role of correctional agencies, and theories concerning delinquency. | 3.3.0 |
| CRIJ 2301 | Community Resources in Corrections An introductory study of the role of the community in corrections; community programs for adults and juveniles; administration of community programs; legal issues; future trends in community treatment. | 3.3.0 |
| CRIJ 2313 | Correctional Systems & Practices Corrections in the criminal justice system; organization of correctional systems; correctional role; institutional operations; alternatives to institutionalization; treatment and rehabilitation; current and future issues. | 3.3.0 |
| CRIJ 2314 | Criminal Investigation Investigative theory; collection and preservation of evidence; sources of information; interview and interrogation; uses of forensic sciences; case and trial preparation. | 3.2.3 |
| CRIJ 2323 | Legal Aspects of Law Enforcement Police authority; responsibilities; constitutional constraints; laws of arrest, search, and seizure; police liability. | 3.3.0 |
| CRIJ 2328 | Police Systems & Practices The police profession; organization of law enforcement systems; the police role; police discretion; ethics; police-community interaction; current and future issues. | 3.3.0 |

Drafting & Computer Aided Design

The Department of Drafting and Computer Aided Design presents a series of courses designed to familiarize students with the concepts of Drafting and Design. Using the latest in Computer Assisted Design (CAD) capabilities, these courses will prepare the student for the job market.

Associate of Applied Science In Drafting (65-67 Credit Hours)

| First Semester | Second Semester |
|------------------------|-----------------|
| PSYC 1100 or EDUC 1100 | DFTG 1345 |
| DFTG 1405 | DFTG 2402 |
| DFTG 1409 | DFTG 2412 |
| DFTG 1458 | DFTG 2417 |
| DFTG 2419 | |

| Third Semester | Fourth Semester |
|---|---|
| DFTG 1417 DFTG 2331 DFTG 2421 DFTG 2423 | MATH 1314 Social/Behaviorial Science Elective Visual/Fine Arts Elective |
| Fifth Semester | |
| SPCH 1315 or 1321 ENGL 1301 COSC 1401 or ITSC 1409* | |

* ITSC 1409 is a Workforce Education Course and will not transfer to a university.

CERTIFICATE IN DRAFTING (41 Credit Hours)

First Semester

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|------------------------------|-----------------------------|
| PSYC 1100 or EDUC 1100 | Learning Frameworks |
| DFTG 1405 | Technical Drafting* |
| DFTG 1409 | Computer Assisted Design I* |
| DFTG 1458 | Electronic Drawing |
| DFTG 2419 | Computer Assisted Design II |

Second Semester

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|-----------------|-------------------------|
| DFTG 2402 | Machine Drawing |
| DFTG 2412 | Technical Illustrations |
| DFTG 2417 | Descriptive Geometry |

Third Semester

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|-----------------|-----------------------|
| DFTG 1417 | Architectural Drawing |
| DFTG 2421 | Topographic Drawing |
| DFTG 2423 | Pipe Drafting |

* Tech Prep courses, which may have been completed in high school.

- DFTG 1381 Cooperative Education Drafting & Design** 3.1.20
Career-related activities encountered in the student's area of specialization offered through an individual agreement among the college, employer, and student. Under the supervision of the college and the employer, students combine classroom learning with career related experience. Includes a lecture component. Prerequisite: consent of instructor. Fee Charged.
- DFTG 1405 Technical Drafting** 4.2.4
Introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, auxiliary views, and reproduction processes. Fee Charged.
- DFTG 1409 Basic Computer-Aided Drafting** 4.2.4
An introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry; storing and retrieving predefined shapes;

- placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale. Fee Charged.
- DFTG 1417 Architectural Drafting** 4.2.4
Architectural drafting procedures, practices, and symbols, including preparation of detailed working drawings for residential structure with emphasis on light frame construction methods. Fee Charged. Prerequisite: DFTG 1405
- DFTG 1458 Electrical/Electronics/Drawing** 4.2.4
Layout principles of electrical and electronics drawing, stressing modern representation used for block diagrams, schematic diagrams, logic diagrams, wiring/assembly drawings, printed circuits boards layouts, motor control diagrams, power distribution diagrams, and electrical one-line diagrams. Fee charged. Prerequisite: DFTG 1405.
- DFTG 1491 Special Topics In Drafting and Design** 4.2.4
Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Fee Charged. Prerequisite: DFTG 2419.
- DFTG 2402 Machine Drafting** 4.2.4
Production of detail and assembly drawings of machines, threads, gears, cams, tolerances and limit dimensioning, surface finishes, and precision drawings. Fee Charged. Prerequisite: DFTG 1405
- DFTG 2412 Technical Illustration** 4.2.4
Topics include pictorial drawing including isometrics, obliques, perspectives, charts, and graphs; shading and transfer lettering; and use of different media. Fee Charged. Prerequisite: DFTG 1405
- DFTG 2417 Descriptive Geometry** 4.2.4
Graphical solutions to problems involving points, lines, and planes in space. Fee Charged. Prerequisite: DFTG 1405
- DFTG 2419 Computer-Aided Drafting II** 4.2.4
A continuation of practices and techniques used in basic computer-aided drafting emphasizing advanced dimensioning techniques, the development and use of prototype drawings, construction of pictorial drawings, construction of 3 dimensional drawings, interfacing 2D and 3D environments and extracting data. Fee Charged. Prerequisite: DFTG 1409 or consent of instructor.
- DFTG 2421 Topographical Drafting** 4.2.4
Plotting of surveyors field notes, plotting elevations, contour drawings, plan and profiles, and laying out traverses. Fee Charged.
- DFTG 2423 Pipe Drafting** 4.2.4
A study of pipe fittings, symbols, specifications and their applications to a piping process system. Creation of symbols and their usage in flow diagrams, plans, elevations, and isometrics. Fee Charged. Prerequisite: DFTG 1405.