

Campus Location

Broken Arrow Campus

Occupational Focus

Drafting is the process of taking an idea from concept to product using lines and a universal set of symbols. Advancing technologies have not only brought exciting changes to the field of drafting, but also broadened the career choices within it. In this hands-on area of study, you will get an overview of various drafting occupations and be introduced to basic hand- or board-drawing tools and techniques, as well as the math skills related to drafting. Under the guidance of an experienced instructor, you will cover geometric construction and multiple-view drawings before moving into computer-aided drafting using state-of-the-art software. Additionally, you will explore the concepts of dimensioning and tolerancing. College credit is available should you elect to pursue an associate degree and beyond in this field of exciting and challenging career choices.

For information concerning working conditions, physical requirements, employment and job outlook please refer to the Occupational Outlook Handbook (OOH), 2010-11 Edition at <http://www.bls.gov/oco/>.

Who Can Attend?

High school students
Adults

Prerequisite(s)

None

Scheduling Information

Two year program beginning in August
Check with Admissions Office at 918.828.5260 for start dates.
Three hours daily
--Morning session - 7:55 - 10:40 am
--Afternoon session - 11:55 - 2:40 pm

Tuition

No charge for high school students within Tulsa Tech District
Adult - \$2.50/hour*

**Tuition subject to change without notice*

Books/Supplies

No textbook charge for high school students within Tulsa Tech District
Adult see campus bookstore

Career Majors

CAD Drafter - 885 Hours*

This major prepares students for a career in a CAD field or for advancing to a college or university to complete a higher degree. Students learn to convert ideas and specifications into working drawings by utilizing both manual sketching and parametric solid modeling methods that meet ANSI (American National Standards Institute) and /or AIA (American Institute of Architecture) drafting standards. Instruction includes drawing and document management, material and equipment specifications and an overview of architectural, civil, engineering, manufacturing and piping design using project-based lab components.

**Career major, courses and hours are subject to change without notice*

College Credit

College credit is available for the majority of Tulsa Tech's full-time programs through Rogers State University, Oklahoma State University-IT or Tulsa Community College. Advanced standing credit may also be granted for some of our programs. The number of hours varies depending on the program length, the college granting the credit, and the student's plan of study. Check with your Tulsa Tech counselor for more information.

Credentials/Industry Certifications

Oklahoma Department of Career and Technology Competency Test

Employment Opportunities

Drafter, Drafter Assistant, Computer-Aided Design Technician, Blueprint Machine Operator, Mechanical Drafter, Pressure Vessel Drafter, Structural Drafter, Sheet Metal Drafter/Detailer, Architectural Drafter, Fixture/Cabinetry Detailer and Process Piping Drafter. Blueprint Operator, Structural Drafter, Architectural Drafter, Pipe/Pressure Vessel Drafter and Machine Detail Drafter

Tulsa-Area Salary

\$15.85 - \$24.55/hour

Financial Aid

Scholarships are available for eligible students. Call 918.828.5280 or email financialaid@tulsatech.org. For the most up-to-date and complete information on scholarships and grants please visit www.tulsatech.edu.

Application Process

High school students see Tulsa Tech career counselor or sending school counselor.

Adults contact Tulsa Tech Admissions and Enrollment office at 918.828.5260, email admissions@tulsatech.org or check out our website at www.tulsatech.edu.

NOTE: Some programs have additional admissions criteria. For specific program requirements and applicable prerequisites, contact Admissions at 918.828.5260.

Courses by Career Majors

CAD Drafter - 885 Hours*

Year One

Fundamentals of CADD

Drawing & Document Management

Principles of CAD Design I

Principles of CAD Design II

Material & Equipment Specifications

Engineering CADD

Workforce Staging

Year Two

CAD Piping Introduction

CAD Civil Introduction

Architecture CADD

Manufacturing CADD

**Career major, courses and hours are subject to change without notice*

Tulsa Tech does not discriminate on the basis of race, color, religion, national origin, gender, age, marital or veteran status, or disability.

Tulsa Tech is accredited by the Oklahoma Department of Education, the Oklahoma Board of Career & Technology, & the North Central Association--Commission on Accreditation & School Improvement.

Also, where available, our programs are accredited by the specific industry standards associated with their industry.

To remain current with the demands of business and industry, curriculum is periodically revised. The revision may change the number of Tulsa Tech classes that apply toward the college credit. The number of credit hours identified in the agreement the year the student completes the class will determine the credit hours the student receives. Conditions are based on the actual agreements and are subject to change annually.