

Drafting, Technical Drafting & Design

Description

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.

- Visualize, design, & produce solutions for unique engineering & architectural challenges
- Use the same design, drafting, & 3D modeling technologies as engineering professionals
- Work in business environments to experience mechanical, electrical, architectural, & industrial engineering

College Credit

College credit may be available through TCC, RSU, or OSU-Institute of Technology. For more details call the college relations office at 918-828-5205. All college credit is awarded by the college/university.

Credential/Industry Certifications

Oklahoma Department of Career and Technology Competency Test.

Application Process

Apply ON-LINE at www.tulsatech.edu/apply. Applications can also be obtained in the counseling offices on any of the campuses; at the Career Services Center located on the Memorial Complex; or by calling 918-828-5200.

Career Majors/Courses

CAD Drafter

Courses

Fundamentals of CADD
 Drawing & Document Management
 Principles of CAD Design I
 Principles of CAD Design II
 Material & Equipment Specifications
 Engineering CADD I
 Engineering CADD II
 Workforce Staging
 CAD Piping Introduction
 CAD Civil Introduction
 Architecture CADD
 Manufacturing CADD

Employment Opportunities

Tulsa Tech's Career Placement Services team builds partnerships with Tulsa area businesses & industry to create opportunities for work-based experiences and job placement. Job search assistance is provided before and after graduation. Services include with employment information, resume building, refining interview skills and life-time access to the Tulsa Tech Job Connect database. Call Career Placement Services at 918-828-5270 or visit www.tulsatech.edu/jobconnect / email jobconnect@tulsatech.edu.

2009-2010 year completion & placement data:

- Total Enrolled: 46
- Completion: 22%
- Completed on-time: 100%
- Job Placement: 60%
- Returning Students: 65%
- OPE ID: 005311 / CIP: 15.1303

Campus Location

Broken Arrow Campus

4000 W. Florence
 (129th East Ave & 111th Street South)
 Broken Arrow, OK 74011-1740
 (918) 828-3000
 FAX (918) 828-3009

Area Salary

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/>.

Salary information can be found at The Occupational Information Network (O*NET) Resource Center at <http://www.onetonline.org/>. O*NET-SOC Code: 17-3019.00

Who Can Attend?

High school students / Adults

Tuition/Fees/Books

- Tuition: \$2,523.75*
- Lab & Required Fees: \$241.25*
- Additional Required Costs: \$51
- Optional Fees: \$61 - \$213

**High school students living in the Tulsa Tech school district are not charged tuition, fees & books.*

Additional required costs: books, equipment, tools, uniforms & supplies.

Scheduling Information

H.S. / 2 school years:

August - May

H.S. sessions:

7:55 - 10:40 A.M. / 11:55 - 2:40 P.M.

Adults / 16 months Adult sessions:

1/2 Day: 7:45 - 10:45 A.M. / 11:50 - 2:50 P.M.

Adults / 8 months Adult sessions:

Day: 7:45 A.M. - 2:50 P.M.

Check with Admissions Office at 918-828-5260 for start dates.

Financial Aid

Financial assistance is available through several options at Tulsa Tech. For the most up-to-date information, call 918-828-5280 or visit www.tulsatech.edu. Some career majors are eligible for federal financial aid. To apply, go to: www.fafsa.ed.gov.