Design Drafting

Industry Certifications | License
Oklahoma Career Readiness Certification

Quick Facts
Average Salary: $16.00/hr
Students: Adult & High School
Campus: Drumright
Times: Morning, Afternoon, Full Day

Scheduling Information
Drumright: 8:25am – 11:15am
12:45pm – 3:35pm   8:25am – 3:35pm

Entrance Requirements
Enrollment is open to in-district adults and high school juniors and seniors.
Basic computer and typing skills helpful.

Application Process
Applications are available online at www.CentralTech.EdU, on Central Tech campuses and high schools in our district. Return completed application to a Central Tech Recruiter or high school counselor. Additional information may be required.

Financial Aid
Financial aid is defined as any grant, part-time employment, scholarship, or other federally funded program. Students with financial need may be eligible - applies to career majors of 600 hours or more. Central Tech Federal School Code: 009964
Application for Federal Student Aid (FAFSA) www.fafsa.ed.gov

College Connection
Get specific college connection information by contacting the college credit advisor.

Career Majors
Estimated Tuition Books & Fees

**CAD Drafter (Entry Level)**
Students prepare for a career in a Computer-Aided Drafting (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 2D CAD 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.

Class time by hours | 545 clock hours
120 FUNDAMENTALS OF COMPUTER-AIDED DRAFTING AND DESIGN
30 CAD TECHNICAL MATH
45 DRAWING AND DOCUMENT MANAGEMENT
165 PRINCIPLES OF CAD DESIGN
120 ENGINEERING COMPUTER-AIDED DRAFTING AND DESIGN
35 INTRODUCTION TO PRESENTATION GRAPHICS & ANIMATION
30 WORKFORCE STAGING
Tuition: $817.50| Fees: $137 | Books: $45 | Cost: $999.50

**CAD Technician Architectural (con't)**
165 PRINCIPLES OF CAD DESIGN
120 ARCHITECTURE COMPUTER-AIDED DRAFTING AND DESIGN
60 CAD ARCHITECTURAL LEVEL I
60 CAD ARCHITECTURAL LEVEL 2
60 CAD ARCHITECTURAL LEVEL 3
Tuition: $1327.50 | Fees: $137 | Books: $45 | Cost: $1509.50

**CAD Technician Mechanical**
This major introduces the basic concepts of mechanical engineering drawings. Students interpret and apply graphic language, orthographic, dimensions, and sectional views to a mechanical drawing in accordance with professional standards. In addition, they learn dimensioning terminology and practices including Geometric Dimensioning and Tolerancing. Students are instructed in section views, assembly drawings and trade-specific charts and tables to produce operational plans for the manufacture of mechanical parts.

Class time by hours | 1092 clock hours
120 FUNDAMENTALS OF COMPUTER-AIDED DRAFTING AND DESIGN
30 CAD TECHNICAL MATH
45 DRAWING AND DOCUMENT MANAGEMENT
165 PRINCIPLES OF CAD DESIGN
120 ENGINEERING COMPUTER-AIDED DRAFTING & DESIGN
135 MANUFACTURING COMPUTER-AIDED DRAFTING & DESIGN
108 CAD MECHANICAL LEVEL 1
195 PRESENTATION GRAPHICS ANIMATION
72 CAD MECHANICAL LEVEL 2
72 CAD MECHANICAL LEVEL 3
30 WORKFORCE STAGING
Tuition: $1638.00 | Fees: $137 | Books: $145 | Cost: $1820.00

*Career Major costs are subject to change.