

## Design Drafting

### Industry Certifications | License

Oklahoma Career Readiness Certification

#### Quick Facts

**Students:** Adult & High School

**Campus:** Drumright

**Times:** Morning, Afternoon, Full Day

#### Scheduling Information

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

High school students attend morning or afternoon. Adults can choose from morning, afternoon or all day. Restrictions apply. Most classes follow the traditional August – May schedule. Ask about classes with Controlled Entry/Exit Options.

#### 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](http://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 Programs of 600 hours or more. Central Tech Federal School Code: **009964**

Free Application for Federal Student Aid (FAFSA) [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

#### College Connection

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

## Programs

### CAD Technician Architectural

This major provides individuals with knowledge and skills that will lead to employment and advancement in the field of architectural technology. Students translate the architect's design sketches into complete, accurate plans and drawings for construction purposes. Students are involved in work requiring knowledge of drafting, computer graphics, construction materials, technical and structural systems, estimating, building codes, and specifications used in the preparation of architectural projects and construction of buildings.

#### Class time by hours | 885 clock hours

- 120 Fundamentals of Computer-Aided Drafting & Design
- 30 CAD Technical Math
- 45 Drawing and Document Management
- 165 Principles of Cad Design
- 120 Architecture Computer-Aided Drrating and Design
- 60 CAD Architectural Level I
- 60 CAD Architectural Level 2
- 60 CAD Architectural Level 3
- 195 Presentation Graphics Animation
- 30 Workforce Staging

**Tuition: \$1327.50|Fees: \$137|Books: \$345|Cost: \$1809.50**

### 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

#### 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: \$445|Cost: \$2220.00**

**\*Program costs are subject to change.**