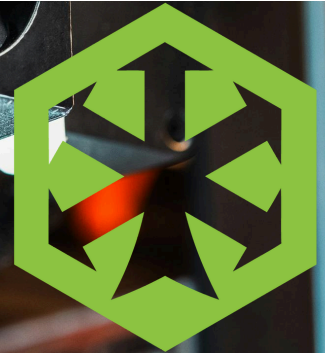


Programs @ a Glance



Architecture & Construction Manufacturing Design Specialist - MN0016000

Who can Enroll?

2nd year Seniors | Adults

Schedule

Monday-Friday
AM Session: 8am-11am
PM Session: 12pm-3pm

Estimated Completion

HT Adult: 2 years
HS Student: 2 years

Program Description:

The Manufacturing Design program prepares students for careers in advanced manufacturing, engineering, and product design through hands-on training with industry-standard software, equipment, and production processes. Students develop skills in drafting, CAD design, machining concepts, problem-solving, and manufacturing technology while gaining experience in real-world project design and production. Students also gain hands-on experience using industry-standard software such as AutoCAD and SolidWorks to create technical drawings, 3D models, and manufacturing designs.

Cost:

Tuition: \$2,025.00
Est. Out of Pocket: N/A
Certifications- paid by EOC
Books- EOC

Financial Aid

Tribal Assistance
Oklahoma's Promise
Pell Grant/OTAG
Next Step Scholarship

Average OKC Salary

\$26-\$33/hr

Career Major Information | Total Hours: 960

Fundamentals of Computer-Aided Drafting & Design*	120
Principles of CAD Design	120
Drawing and Document Management	45
Presentation of Graphics Animation	150
Workforce Staging/Employment Readiness	45
Principles of Animation	120
CAD 1 Focus	120
CAD 2 Focus	120
Capstone - Graduate	120

CAD Focus Areas

Architecture - Building and Aesthetics
Aerospace - Planes, Automobiles, Rockets, Helicopters, Drones
Landscape Design
Manufacturing - Design Parts/Assemblies for Production
Mechanical - HVAC, Electrical, Audio-Visual, Plumbing
Civil - Buildings, Roads, Bridges, Parking
Interior Design

*Oklahoma's Promise approved course for Computer Science/Computer Technology unit.

Student Organizations

SkillsUSA

Certifications Available:

Certified Solid Works Associate (CSWA)
AutoDesk REVIT Certified Professional
AutoDesk CIVIL 3D Certified Professional
AutoDesk FUSION Certified Professional
Oklahoma's Promise approved course for Computer Science/Computer Technology Unit

To view the full cost of attendance, please visit the [2026-27 Cost of Attendance Document](#)



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