

# Skilled Trades Technical Training

*Hands-On Pathway to  
HIGH DEMAND, HIGH WAGE  
CAREERS!*



**State Fair**  
Community College

Technical Education

[www.sfccmo.edu/techjobs](http://www.sfccmo.edu/techjobs)

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The **AVERAGE ANNUAL INCOME** of U.S. Manufacturing employees is **\$87,185.00**,\* and over the next decade, more than **4.6 MILLION manufacturing jobs** will need to be filled.\*\*

#### AGRICULTURE

With specializations in agribusiness, agronomy, animal science, and horticulture, the Agriculture program cultivates business expertise, advances scientific awareness, develops technical skills, and connects students with their chosen career field.

#### AUTOMOTIVE TECHNOLOGY

ASE certified instructors teach the skills to diagnose and repair engines, including engine (re)construction, fuel/ignition systems, power trains, brakes, transmissions, electronic diagnostics, and more.

#### COMPUTER PROGRAMMING

Through practical projects and continuous learning, develop the skills necessary to create engaging software solutions, dynamic websites, and captivating video games that resonate with users in the digital landscape.

#### COMPUTER/NETWORK ADMINISTRATION

Learn to maintain and monitor network hardware and software, assemble and repair computers, install network cabling systems, manage back-end network support systems, cybersecurity, and more!

#### CONSTRUCTION MANAGEMENT

Through business management and technical courses, construction managers learn to communicate with clients, engineers, architects, and building teams.

#### ENGINEERING DESIGN

Learn to create, modify, analyze, and optimize designs with CAD software for a career in a manufacturing, civil, structural, or architectural environment.

#### HVAC/R

Designed to equip students with the knowledge and hands-on skills needed to obtain a fulfilling career in heating, ventilation, air conditioning and refrigeration. This program is comprised of the basic elements of refrigeration and the latest in energy controls technologies.

#### INDUSTRIAL TECHNOLOGY

Learn industrial maintenance, including electrical, electronic theory, robotics, automation, computer skills and programming. Explore all the skills necessary to keep production up and running.

#### PRECISION MACHINING

Turn raw material into precision parts. Integrated manufacturing and machining processes teach students to operate and program manual and computer-controlled machines through a focus on specifications, materials, dimensions, quality, print reading, assembly methods, and inspection.

#### WELDING

Skills-based instruction and hands-on training in state-of-the-art facilities. Students learn shielded metal arc welding (SMAW), gas metal arc welding (GMAW) and gas tungsten arc welding (GTAW).



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#### CONTACT US

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[www.sfccmo.edu](http://www.sfccmo.edu) / [sfcctech@sfccmo.edu](mailto:sfcctech@sfccmo.edu)

\*Includes pay and benefits – source: Bureau of Economic Analysis and Bureau of Labor Statistics.

\*\*source: Estimate from Deloitte and the Manufacturing Institute.

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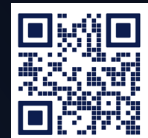
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