



STEM (Science, Technology, Engineering, Mathematics) Program Guide

STEM programs introduce students to planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services.



Start In High School. Follow Your Perfect Path.

High Schools

By participating in high school CTAE programs, students can create opportunities to continue their studies in college, pursue an entry-level job, or serve in a related field in the military. (See back for a full list of programs.)

TSA

The Technology Student Association is the Career & Technical Student Organization (CTSO) that gives students an opportunity to participate in career-related competitions across the state and nation, and gain leadership experience.

Certifications

After completing a CTAE pathway, students prepare for NOCTI, Autodesk, AutoCAD certification exams, at CTAE expense, that may qualify them for entry-level jobs and/or college credit.

Work-Based Learning

Students have the opportunity to be released early from school to work in positions related to their CTAE pathways.

Direct-to-Work

Rigorous high school programs prepare students for STEM careers upon graduation.

