CAREER & TECHNICAL EDUCATION
Real Skills for the Real World

Robotics & Drone Technology

Design. Build. Code. Fly.
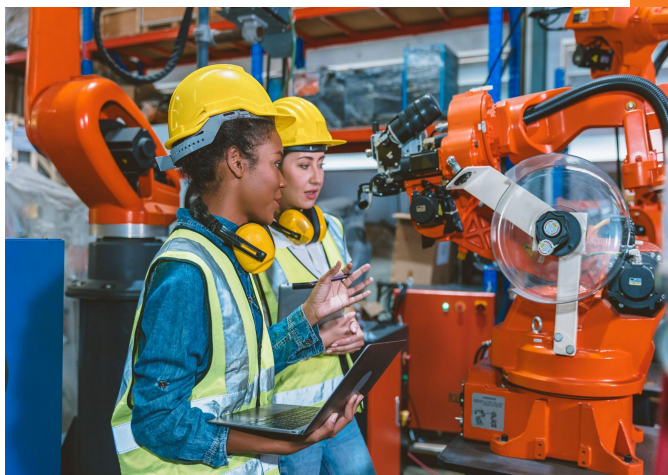

Enroll today!
cte.mpls.k12.mn.us

For more information please contact your counselor or email: cteinfo@mpls.k12.mn.us

Robotics - 91639*
Semester-long course, 0.5 credit
Explore how robots solve real world problems. Learn about basic electronic control, mechanics, and elements of advanced programming logic. Develop problem solving, teamwork, and project management skills.

Drones - 91640
Semester-long course, 0.5 credit
Become a certified commercial drone operator! Immerse yourself in key Federal Aviation Administration (FAA) knowledge areas - aviation weather, crew resource management, airport operations. Student will also learn coding, photo/videography techniques, and customer relations in the context of commercial drone operations

Computer Integrated Manufacturing - 95516*
Year-long course, 1.0 credit
Learn how engineering designs and manufacturing processes link together to produce products or solve manufacturing design problems. Learn about computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM) software, robotics, and flexible manufacturing systems.

Career Work Experience - 99205
Semester-long course, 0.5 credit
Gain hands-on experience in an engineering, robotics or drone technology internship. 99201 or 99201P is a prerequisite for 99205.

*Course eligible for college credit.

MINNEAPOLIS PUBLIC SCHOOLS