

How CTE Works for HIGH SCHOOL STUDENTS

Research shows that the more students participate in Career and Technical Education activities, the higher their academic motivation, academic engagement, grades, college aspirations and employability.

cf. Alfeld, C., et al., *Looking Inside the Black Box: The Value Added by Career and Technical Student Organizations to Students' High School Experience*, National Research Center for CTE, 2007

Students at schools with highly-integrated, rigorous academic and CTE programs achieve significantly higher scores in reading, mathematics and science than do students at schools with less integrated programs.

cf. Southern Regional Education Board, *Linking Career/Technical Studies to Broader High School Reform*, 2004

How CTE Works for BUSINESSES and the ECONOMY

Middle-skill jobs (jobs that require education and training beyond high school but less than a Bachelor's Degree) make up a significant part of the work force. Of the 46.8 million job openings created by 2018, 30 percent will require some college or a two-year Associate's Degree.

cf. Carnevale, A., et al. *Help Wanted: Projections of Jobs and Education Requirements Through 2018*, Center on Education and the Workforce, Georgetown University, 2010

Jobs for skilled trade workers, engineers and IT staff are the top three jobs employers are having trouble filling in the U.S., and CTE plays a critical role in training workers in these areas.

cf. Manpower Group, *Talent Shortage Survey Results*, 2012

“The technology field is expanding at such a rapid pace that it's creating new opportunities almost every day. I firmly believe kids are going to school today for jobs that don't yet exist. Their readiness and potential for success is going to come from their ability to think critically and to be resourceful in solving problems.”

Steve Herriges, JAMF software



CHIPPEWA FALLS AREA UNIFIED SCHOOL DISTRICT

MISSION

The Chippewa Falls Area Unified School District, in partnership with the community, is committed to excellence, empowering and challenging all students to learn while preparing them for an ever-changing global society.

MEGA RESULT

Students will graduate prepared to succeed in post-secondary education and careers, having the knowledge, skills, attitudes, and behaviors necessary to achieve their personal goals and contribute to the common good.

Mega Result is an outcome of the Board Governance for Educational Excellence



cfsd.chipfalls.k12.wi.us



we want to partner
WITH YOU!
for more information

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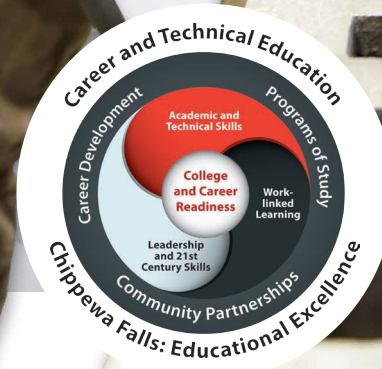
Chippewa Falls Area Unified School District
Administrative Office

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INSPIRING STUDENTS TO BECOME

Tomorrow's Leaders



INSPIRING TODAY'S STUDENTS
TO BECOME TOMORROW'S INNOVATORS
ONE STUDENT AT A TIME

Chippewa Falls Area Unified School District's cutting-edge, rigorous Career and Technical Education Program prepares area high school students for a wide range of high-wage, high-skill careers that are also in high demand.



what is career and technical education (CTE)?

Career and Technical Education (CTE) prepares area youth and young adults for a wide range of skilled careers. These careers may require varying levels of education – including industry-recognized credentials, post-secondary certificates and one-to-four year degrees.

CTE seeds are planted and cultivated at Chippewa Falls Middle and High schools through technical education programs and partnerships with businesses, organizations and post-secondary institutions. These partnerships help to prepare students for entry into the highly-skilled workforce in our community and region.



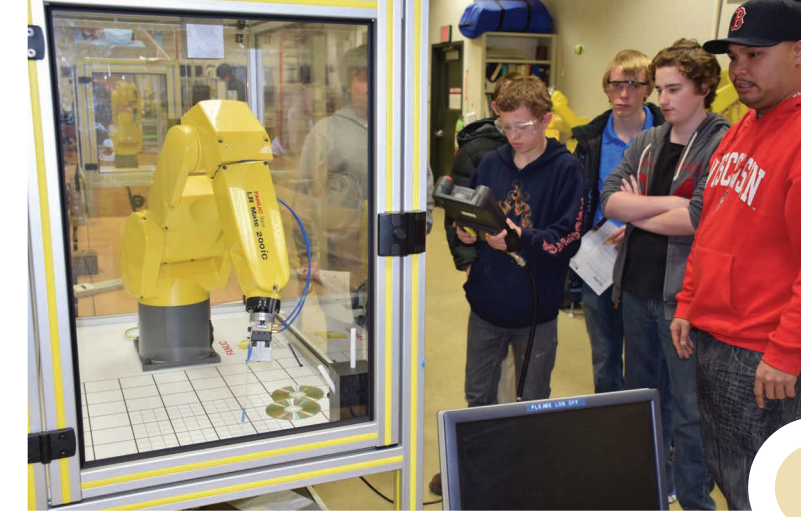
goals

- To give area students a realistic understanding of careers available in local businesses and industries.
- To provide students with relevant and inspirational learning experiences that increase their awareness of the range and extent of opportunities within the community.
- To establish partnerships between students and employers which promote the long-range retention of a skilled workforce in the community.
- To create a platform for open dialogue between educators and local business and industry to help ensure that students are being taught the skills they will need to be competitive in the modern workforce.
- To facilitate high-quality professional development for educational staff.
- To provide relevant classroom resources.



“The importance of STEM (Science, Technology, Engineering, Math) education is to help students understand the diversity and wide range of career options. People in STEM careers travel all over the world and have different experiences everyday.

Dr. Jim Madsen, UW-River Falls Physics Department Chair and the Director of Education and Outreach for the Wisconsin IceCube Particle Astrophysics Center (WIPAC)



“I gained valuable experiences needed to unveil my future career due, in part, to employment while I was in school and class-related field trips to various industries. As I walked through different companies witnessing day-to-day activities, I saw that the engineers were problem solvers. Regardless of the problem, engineers were able to dissect it and recommend improvements. I knew then that I wanted to solve problems and impact society in a positive way by creatively developing solutions! I wanted to be an engineer!”
Kyle Darley, Design Engineer at W.S. Darley & Co., 2004 Chippewa Falls Graduate

partnerships

INNOVATION CREATIVITY PROBLEM SOLVING RELEVANCY COMMITMENT
RIGOR COLLABORATION COMMUNICATION RELATIONSHIPS

YOUTH APPRENTICESHIP (YA) OR CO-OP OPPORTUNITIES Establish a one- or two-year, school-supervised work experience program for high school juniors or seniors that will help to prepare students for future training at post-secondary educational institutions, businesses or industries.

JOB SHADOW OPPORTUNITIES Provide temporary, unpaid workplace exposure designed to increase career awareness and reinforce in the student the link between classroom learning and job requirements.

STEAM NIGHT Make a two- or three-hour commitment to provide for high school students a hands-on demonstration of some aspect of your business or industry at the annual Science, Technology, Engineering, Art, and Mathematics (STEAM) Night.

SPONSOR STUDENT OPPORTUNITIES Sponsor leadership development for a student or group of students at a local, state or national competition such as Skills USA.

ADVISORY BOARD MEMBER OPPORTUNITIES Be part of a team that assists educators to establish, operate, and evaluate areas of career and technical education. As part of this team, provide insights into and expertise about current and future industrial and technological changes in your area of expertise.

GUEST SPEAKER OPPORTUNITIES Provide a guest speaker from your business or industry to promote career awareness for possible future careers.

INSTRUCTOR OPPORTUNITIES Provide a guest instructor, from your institution or business to enhance classroom learning by teaching students a relevant skill.

CLASSROOM SUPPLIES / EQUIPMENT OPPORTUNITIES Provide classroom supplies or equipment to support CTE programs.

BUSINESS TOUR OPPORTUNITIES Arrange for a group of students to tour your business or industry and to thereby increase their awareness of local employment opportunities. (This is typically a one-hour event.)

TEACHER TRAINING OPPORTUNITIES Sponsor professional development for a teacher to increase skills needed to teach and guide students.

NON-PROFIT DONATION OPPORTUNITIES Donations to CTE can be made to the Chippewa Falls Area Unified School District, a tax-exempt educational institution. Arrangements are being made with the Community Foundation of Chippewa County to establish a pass-through account for future use.



“We are lucky in our community to have a real partnership between the school and businesses. Together, we can educate our children and ensure a strong workforce for the future.”

Mike Jordan, President, Chippewa Falls Area Chamber

