



## WHY JOIN A PATHWAY?

- For high school students, regional career pathways align education and training with the needs of the local job market, provide a range of postsecondary options, result in a high school diploma with at least one industry-recognized credential, and help students enter or advance within an occupation.
- For schools, career pathways provide a specific ACP plan for occupations that are in demand in Wisconsin. This allows schools to focus on student and curriculum activities with input and support from regional employers and higher education.
- For employers, regional career pathways make partnerships with a greater number of schools possible. This allows employers to shape the future talent pipeline, foster young talent, and highlight local career opportunities across an entire region.



## OUR MISSION

The regional collaboratives adopt, implement, promote, and monitor high school career pathways in high-skill, in-demand industry sectors. They act as an advisory group, on behalf of regional districts, to identify and overcome barriers that prevent students in the region from accessing the pathway. An example of such a barrier may include college curriculum that is not aligned with the career pathway. In addition, the collaborative provides the means necessary for students to participate and complete a pathway by:



Taking a sequence of aligned courses,



Earning an industry-recognized credential,



Enrolling in dual college credit classes,



Participating in career-based and work-based learning experiences, and



Accessing related Career and Technical Education (CTE) student organizations

## CONTACT

CESA 12  
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## LET'S EXPLORE...

# Education and Training

A REGIONAL CAREER PATHWAY DEVELOPED  
BY THE GREAT NORTHWEST COLLABORATIVE  
AND APPROVED BY THE DEPARTMENT OF  
PUBLIC INSTRUCTION



# WHAT IS EDUCATION AND TRAINING?

The U.S. education and training sector employs more than 9.2 million individuals, educates 71 million students and contributes \$251 billion to the U.S. GDP. The goal of the education and training pathway is to prepare people to support the learning needs of youth and adult students. Jobs in the sector are found in early childhood services and education, the K-12 system, postsecondary education, and adult workforce training.

These high-skilled jobs require individuals dedicated to educating the public and improving life outcomes.

# WHY EDUCATION AND TRAINING IN HIGH SCHOOL...

According to Workforce Development data from 2021, Educational Instruction and Library is also a leading hourly earning of just over \$20/hour

There is an average of 150 jobs posted each month

Top 10 WI Occupations with Most Projected Job Openings (2018-2028)

Projected Annual Total Job Openings	Occupation	Salary Range	Education Needed
3208	Teacher Assistants	\$21,317 - \$33,315	Some college, no degree
2667	Elementary School Teachers, Except Special Education 🔥	\$41,292 - \$64,505	Bachelor's degree
1672	Secondary School Teachers, Except Special and Career/Technical Education 🔥	\$42,294 - \$66,394	Bachelor's degree
1339	Coaches and Scouts	\$17,309 - \$39,243	Bachelor's degree
1210	Middle School Teachers, Except Special and Career/Technical Education 🔥	\$42,644 - \$68,494	Bachelor's degree
1171	Self-Enrichment Education Teachers	\$20,374 - \$43,479	High school diploma or equivalent
1136	Preschool Teachers, Except Special Education	\$20,882 - \$29,381	Associate's degree
508	Educational, Guidance, School, and Vocational Counselors	\$38,499 - \$63,752	Master's degree
410	Library Technicians	\$19,434 - \$32,429	Postsecondary non-degree award
338	Graduate Teaching Assistants	\$28,229 - \$40,174	Bachelor's degree

Education Level	Production	Engineering and Design	Industry 4.0	Electro-Mechanical	Supply Chain
High School Diploma, Certification	Paint Technician* Food Processing Operator Welder* Sheet Metal Worker* Production Technician* Range \$17,890-\$78,860	CAD Drafter Quality Assurance Technician* Range \$27,390-\$59,210	Robotic Welder* Quality Controller* Robotics Technician* Range \$25,460-\$56,620	Electrical Engineering Tech* Industrial Engineering Tech* Industrial Maintenance Mechanic* Range \$22,990-\$46,650	Robotic and Material Handler/Technician Inventory Control* Range \$22,970-\$54,670
Certification or Technical Diploma	Industrial Drafter* Tool and Die Maker* Pattern Mgr. Mechanical* Machinist* Range \$22,380-\$86,780	Electronics Engineering Tech* Computer Network Specialist Manufacturing Engineer Tech Chemical Engineering Tech* Range \$27,560-\$74,000	Millwright* CNC Technician* Industrial Electrician* Industrial Machinery Technician* Maintenance Mechanic* Mechatronics Technician* Range \$22,990-\$42,910		
Registered Apprenticeship	Manufacturing Machine Operator* Range \$41,720-\$80,560	Drafter* Range \$28,180-\$75,670	Electronics Engineering Tech* Computer Network Specialist Manufacturing Engineer Tech Chemical Engineering Tech* Range \$27,560-\$74,000	Mechanical Engineering Technician Electrical Engineer/Technician Electro-mechanical Technician Range \$43,400-\$87,770	Buyer Production Planner Logistics Analyst Range \$23,270-\$93,970
Associate Degree	Manufacturing Manager* Operations Manager* Range \$35,220-\$94,110	Electrical Engineer* Mechanical Engineer* Environmental Engineer* Quality Controller* Range \$35,100-\$109,999	Process Engineer* Business Intelligence Analyst Chemical Engineer* Computer Scientist* Range \$31,700-\$74,000	Industrial Engineering* Manufacturing Engineer* Data Warehouse Analyst* Range \$33,790-\$74,030	Supply Chain Analyst Procurement Manager* Data Warehouse Analyst* Range \$33,790-\$74,030
Bachelor Degree and beyond					
Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options	Click <a href="#">HERE</a> for Postsecondary Options

**BRIGHT OUTLOOK** - these jobs are expected to grow in the future - which means more opportunities for you!  
 \*XELLCO - you can learn more and save this job in your Profile account (under: more job titles might look a little different in Xello)

The image above shows the first page of a pathway map. It explains different career paths within manufacturing, level of education needed, salary range, high demand jobs, and each is linked to more career information.

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The image above shows the second page of a pathway map. It shows what courses are available in your school district. It also shows internships, work-based learning opportunities and industry-recognized credentials that are available.