Welcome to Career and Industry Advisory Board

2023-2024

Edina Public Schools

DEFINING EXCELLENCE

What is my role?

The role of a Career and Technical Education (CTE) Advisory Council member is to provide guidance, input, and recommendations to help shape and improve Career and Industry-related programs in a school or a district.

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What is expected of me?

- Attend and actively participate in meetings
- Facilitate connections
- Stay updated
- Review CTE curriculum
- Provide tours of your organization
- Input from you helps EPS make informed decisions by providing crucial perspective of industries hiring graduates and career demands
- Identify emerging career fields
- Evaluate outcomes
- Review skills gaps
- Champion CTE

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EPS Career and Industry Advisory Council Leadership

Faisal Kaleem Chair	Professor, Computer Science & Cybersecurity, Metro State University
Dan Dorson Vice chair	Flight Services Manager, Sentera
Dietrich Nissen Secretary	CEO Inherited Stories

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EPS Career and Industry TEAM

Dr. Stacie Stanley
Superintendent

Dr. Randy Smasal
Asst. Superintendent

Jody De St. Hubert
Director of
Teaching & Learning

Laura Phongsavath
Career Exploration &
Pathways Manager*

Dr. Anne Marie Leland
Director of Community Ed & Strategic Partnerships

Jenny Johnson
EHS Assistant Principal

Dr. Cheryl Gunness
Community Involvement Coordinator

Paul Paetzel
EHS Interim Principal

Teaching Faculty
Sarah Irons
Kourtnee Baukol
Lydia Sour
Jodi Ramirez
Nancy Poulos
Shannon Seaver
Lindsey Kruppstadt
Ryan Gallagher
Mark Nelson
Kim Raskin

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EHS Student Career and Industry Advisory Council Members

Aditya Suresh 12th Grade	Amal Abdikadir 11th Grade	Grayson Irons 11th Grade
John Fernandes 12th Grade	Mina Bhargava 11th Grade	
Shaili Modi 11th Grade	Shaurya Pathak 10th Grade	
Sophie Sannes-Eckhoff 12th Grade	Tommy Kouchoukos 11th Grade	

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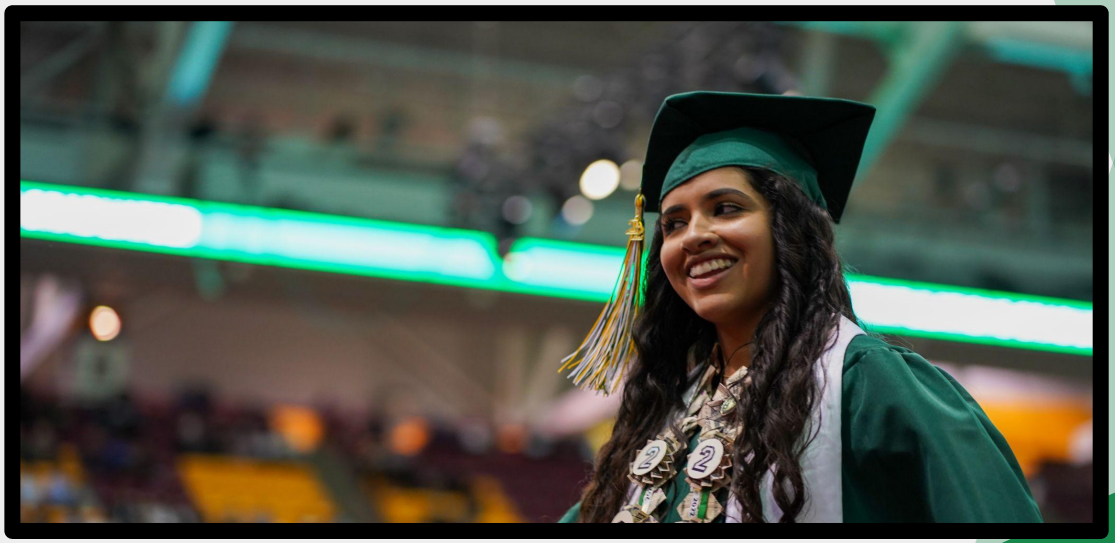
2027

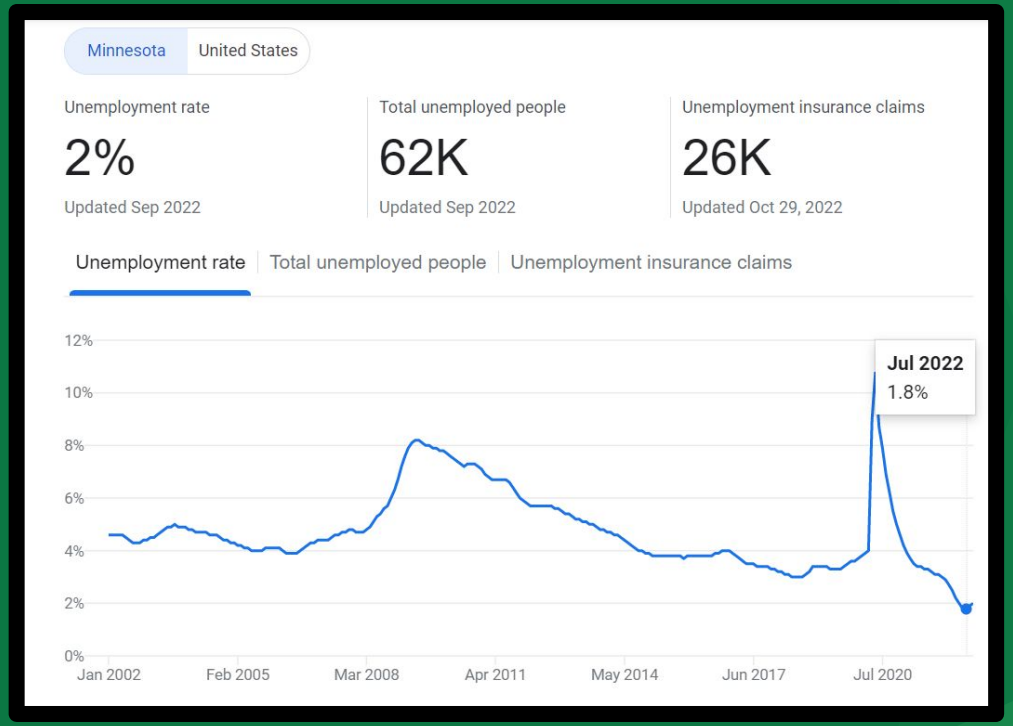
By 2027 every Edina High School graduate will have had the opportunity to explore career options through

- Related Coursework
- Internship / Apprenticeship
- Microcredential



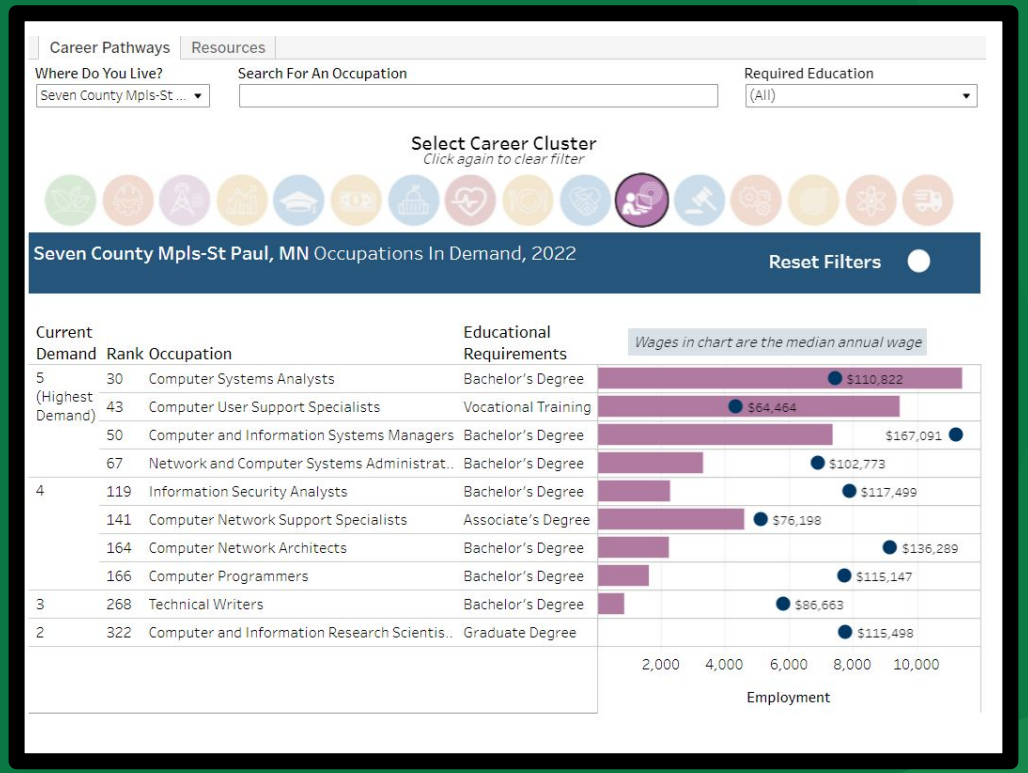
Workforce Concerns

Minnesota Department of Employment and Economic Development



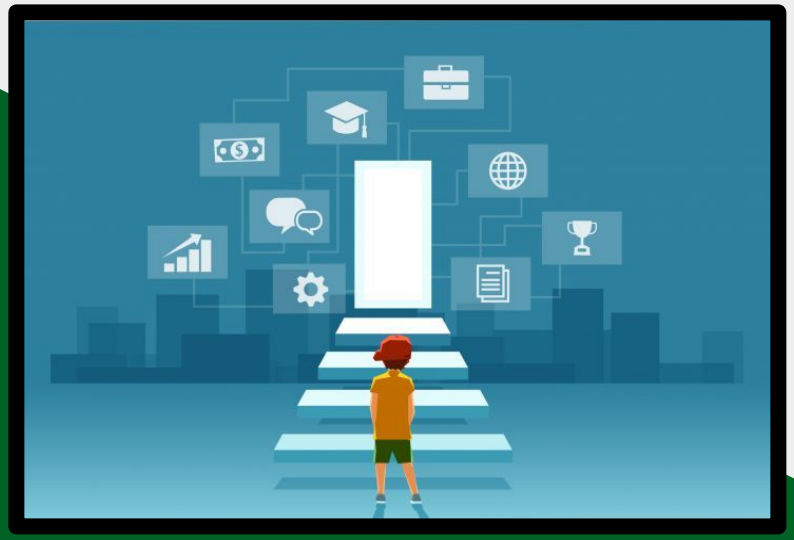
Occupations in Demand Example

Minnesota Department of Employment and Economic Development



What is Career & Technical Education?

(CTE)



What makes a class part of CTE?

CTE classes have the following key components:

- Align to career pathways and industry standards
- Provide technical skills training
- Integrate academic and technical instruction
- Offer work-based learning (WBL) opportunities
- Lead to industry-recognized credentials/certifications
- Prepare students for postsecondary education and career success

CTE programs allow students to explore career options, develop technical skills, and get real-world experience in fields like health science, IT, business, manufacturing, agriculture, culinary arts, and more.

Minnesota Career Fields, Clusters & Pathways

Marketing
> Merchandising
> Marketing Management
> Marketing Communications
> Marketing Research
> Professional Sales

Business, Management, and Administration
> Administrative Support
> Operations Management
> Business Information Management
> Human Resources Management
> General Management

Finance
> Banking Services
> Business Finance
> Securities and Investment
> Accounting
> Insurance

Hospitality and Tourism
> Lodging
> Recreation, Amusements and Attractions
> Restaurants and Food/Beverage Services
> Travel and Tourism

Agriculture, Food, and Natural Resources
> Animal Systems
> Agribusiness Systems
> Environmental Service Systems
> Food Products and Processing Systems
> Natural Resources Systems
> Plant Systems
> Power, Structural, and Technical Systems

Arts, Audio/Video Technology, and Communications
> Audio/Video Technology and Film
> Journalism and Broadcasting
> Performing Arts
> Printing Technology
> Communications Technology
> Visual Arts

Information Technology
> Information Support and Services
> Network Systems
> Programming and Software Development
> Web and Digital Communications

MINNESOTA STATE

Minnesota Department of Education

Law, Public Safety, Corrections, and Security
> Correction Services
> Emergency and Fire Management Services
> Law Enforcement Services
> Legal Services
> Security and Protective Services

Government and Public Administration
> Revenue and Taxation
> Foreign Service
> Governance
> National Security
> Planning
> Public Management and Administration
> Regulation

Human Services
> Consumer Services
> Counseling and Mental Health Services
> Early Childhood Development and Services
> Family and Community Services
> Personal Care Services

Education and Training
> Administration and Administrative Support
> Professional Support Services
> Teaching/Training

Health Science
> Biotechnology Research and Development
> Diagnostic Services
> Support Services
> Health Informatics
> Therapeutic Services

Transportation, Distribution, and Logistics
> Facility and Mobile Equipment Maintenance
> Health, Safety, and Environmental Management
> Logistics Planning and Management Services
> Sales and Services
> Transportation Operations
> Transportation Systems/Infrastructure Planning, Management, and Regulation
> Warehousing and Distribution Center Operations

Architecture and Construction
> Construction
> Design/ Pre-construction
> Maintenance/ Operations

Manufacturing
> Production
> Manufacturing Production Process Development
> Maintenance, Installation, and Repair
> Quality Assurance
> Logistics and Inventory Control
> Health, Safety, and Environmental Assurance

Science, Technology, Engineering, and Mathematics
> Engineering and Technology
> Science and Mathematics

Learn about Programs of Study
www.mnprogramsofstudy.org

iSPEAK CTE Blog
www.mnlearningthatworks.org

Legend:
■ = **Career Cluster**
> = **Career Pathway**
Explanation provided on reverse side.

Version 2016

How Do We Define A Pathway?

Sequence of Coursework

+

Career Experience

+

Credentialing

Current CTE Department Classes

Tech & Industry	Computer Science	Business
Aerospace	AP Comp Sci Principles	Personal Finance
Principles of Eng	AP JAVA	Marketing w/DECA
Intro to Eng. Design	Game Design	Adv. Marketing
Civil and Arc. Design	Cybersecurity	Entrepreneurship
Digital Engineering	Web Page Coding 1	Sports Management
Eng. Capstone	Web Page Coding 2	
Work-Based Learning	CS Capstone	
	Digital Art and Media Courses	

Current CTE Department Classes

Family & Consumer Sci.	Education	OTHER
Interior Design	Child Psychology 1 & 2	Travel & Tourism
Fashion Design	Intro to Education	
Creative Foods	Ed Experience	
International Foods		

Federal Perkins Funding - Minnesota received $16.5 million in Perkins funding in 2022.

State CTE Aid - Minnesota provides formula-based aid to school districts for CTE programs. In 2022, $12.1 million was allocated.

Career and Technical Levy - Local revenue that districts can levy specifically for CTE expenses that helps purchase equipment and pays for 35% of teacher salary.

State program Grants - Includes Youth Skills Training (YST) grants which provide $3 million per year to expand CTE programs.

Funding in Minnesota for Career Tech Ed (CTE)

- The YST grant program provides $3 million per year to Minnesota school districts and charter schools to help expand career and technical education (CTE) opportunities.
- YST grants support the development of new CTE programs, the expansion of existing programs, and the purchase of industry-grade equipment.
- Priority is given to programs that align with high-demand career pathways and lead to industry-recognized credentials.
- Grantees are required to demonstrate strong partnerships with local employers, higher education institutions, and workforce development agencies.
- The Minnesota Department of Education administers YST grants to provide targeted funding that enhances CTE programs across the state.

Youth Skills Training (YST) Grant

With a focus in Computer Science, Edina Public Schools will:

1. Provide Industry Exposure Opportunities
   a. Work-Based Learning (WBL)
   b. Seamless WBL - Database
   c. Career/Job Fair

2. Provide Industry Related Classes
   a. AP Computer Science Principles, AP Computer Science JAVA.
   b. Cybersecurity, Game Design, Web Page Coding 1 & 2, Independent Language (Coding Capstone Course).
   c. Video Production, Advanced Digital Art and Design, and Advanced Digital Photo

3. Provide Industry Related Credentials or Certificates

4. Provide Paid Work Experience Connections

Focus of the Edina YST grant

1. The YST Grant in Computer Science is being fostered as template for potential future grants and pathways in other career fields/clusters.

2. Career Exploration programming is in place and growing, offering opportunities for all students during out of school time.

3. Intentional work with students on identity, purpose and more will be foundational to career exploration and pathways.

Beyond the YST grant

CTE Resources

CTE Advisory Board Handbook

MnTech Tech Talent Dashboard

Realtime Talent

MN Department of Education CTE