



**EDEN PRAIRIE SCHOOLS**

Inspiring each student every day

**SCHOOL BOARD Workshop**

**Monday, March 11, 2019**

**6:00 PM**

## MEETING AGENDA

*The mission of Eden Prairie Schools is to inspire each student to learn continuously so they are empowered  
To reach personal fulfillment and contribute purposefully to our ever-changing world.*

1. Convene - 6:00 p.m.

School Board Roll Call:

Karla Bratrud, Lauren Crandall, Dave Espe, Elaine Larabee, Holly Link, Adam Seidel, Terri Swartout

2. Career and Technical Education

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3. Board Retreat

4. Confirm Agenda for next School Board Workshop

5. Adjournment

A photograph of a classroom scene. In the foreground, two male students are seated at a desk, looking at a laptop. One is wearing a white hoodie, the other a blue hoodie. In the background, two female students are also at a desk, one wearing a white 'EAGLES' sweatshirt and the other a red tank top. A whiteboard is visible in the background with various terms written on it: 'Collocation', 'allusion ≠ illusion', 'syntax', 'rhetorical', 'Question', 'Onomatopoeia', 'David + Goliath', 'Trick', and 'Etymology'.

## Eden Prairie High School Career & Technical Education Opportunities



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# Overview of Career Technical Education



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# Career Technical Education

Integrates **Core Academic Knowledge** with **Technical and Occupational Knowledge**

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# Career & Technical Education

## Pathway to Postsecondary Education and Careers



# Career Technical Education



## 16 Career Clusters

- Transferable Workplace Skills
- High - Demand Career Options
- 21st Century Skills



EPHS

# Career & Technical Education Options



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# 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

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

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

- **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 Department of  
**Education**

## CAREER FIELD

Agriculture, Food,  
& Natural Resources

CAREER FIELD  
Business, Management,  
& Administration

CAREER FIELD  
Arts, Communications, &  
Information Systems

## Foundation Knowledge & Skills

Problem Solving • Critical Thinking  
Employability • Citizenship • Ethics  
Career Development • Integrity • Teamwork  
Legal Responsibilities • Academic Foundations  
Technology Application • Communications  
Safety, Health & Environment • Leadership  
Technical Literacy • Cultural Competence  
Lifelong Learning • Financial Well-Being  
Organizational & Global Systems  
Creativity • Innovation

CAREER FIELD  
Human Services

CAREER FIELD  
Engineering,  
Manufacturing, & Technology

## CAREER FIELD

Health Science  
Technology

- **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

- **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
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- **Education and Training**
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Learn about Programs of Study  
[www.mnprogramsofstudy.org](http://www.mnprogramsofstudy.org)

isPEAK CTE Blog  
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## Legend:

■ = Career Cluster

> = Career Pathway

Explanation provided on reverse side.

# CTE Departments at EPHS

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- Business & Marketing
- FACS
- Tech Ed
- Work Experience



Learning that works  
for Minnesota

# CTE Stats at EPHS

15

CTE teachers

45+

CTE courses

2,200

CTE students served

1,000+

Job Shadows, Informational  
Interviews, internships

4,500+

CTE student records





# CTE at Eden Prairie High School

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- CTE Advisory Board
  - 50+ industry professionals collaborating to build up CTE
- College & Career Expo (*partner w/ EP Chamber*)
  - 800+ students, 55+ businesses, 10 post-secondary schools
- Ethics Workshop (*partner w/ EP Noon Rotary*)
  - 65+ senior emerging leaders participate in ethics simulation
- Student Organizations
- Field Trips



# Capstone Programs

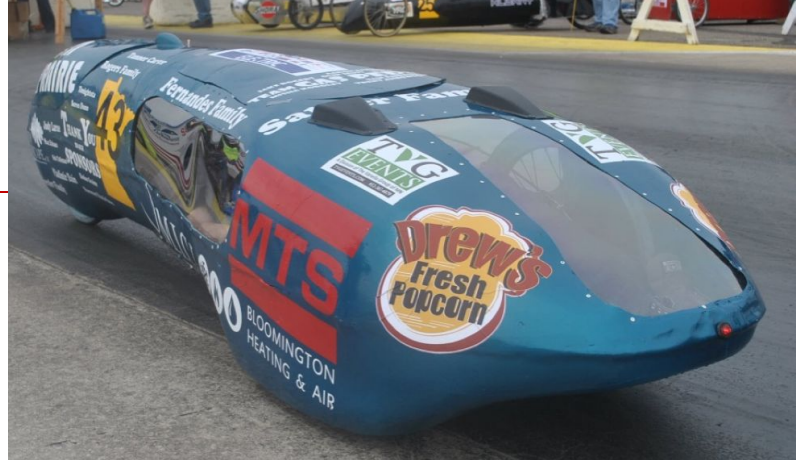
Entrepreneurship

Senior Intern Program

Supermileage

Talent Development

Mentor Program



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# Rigorous Programs and College Credit

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NORMANDALE  
COMMUNITY COLLEGE



Hennepin Technical College™

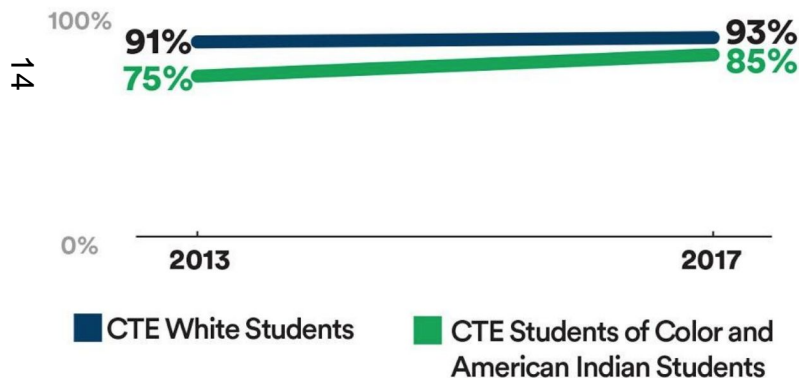


UNIVERSITY  
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# Bridging the Achievement & Employment Gaps

## 4-YEAR GRADUATION GAPS ARE CLOSING FOR CTE HIGH SCHOOL STUDENTS



## Projected 10-yr Openings

- Nursing
- Accountants
- Education
- Market Research Analysts
- Financial Analysts
- Software Developers
- Machinists
- Electricians
- Automotive

\* Source: MN State System Office Research, DEED

# What's Next for CTE at EPHS?

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- Collaboration between CTE Advisory Board and Eden Prairie's district leadership
- Expand business community partnerships for rigorous and authentic student experiences



# ISD 287 Partnership



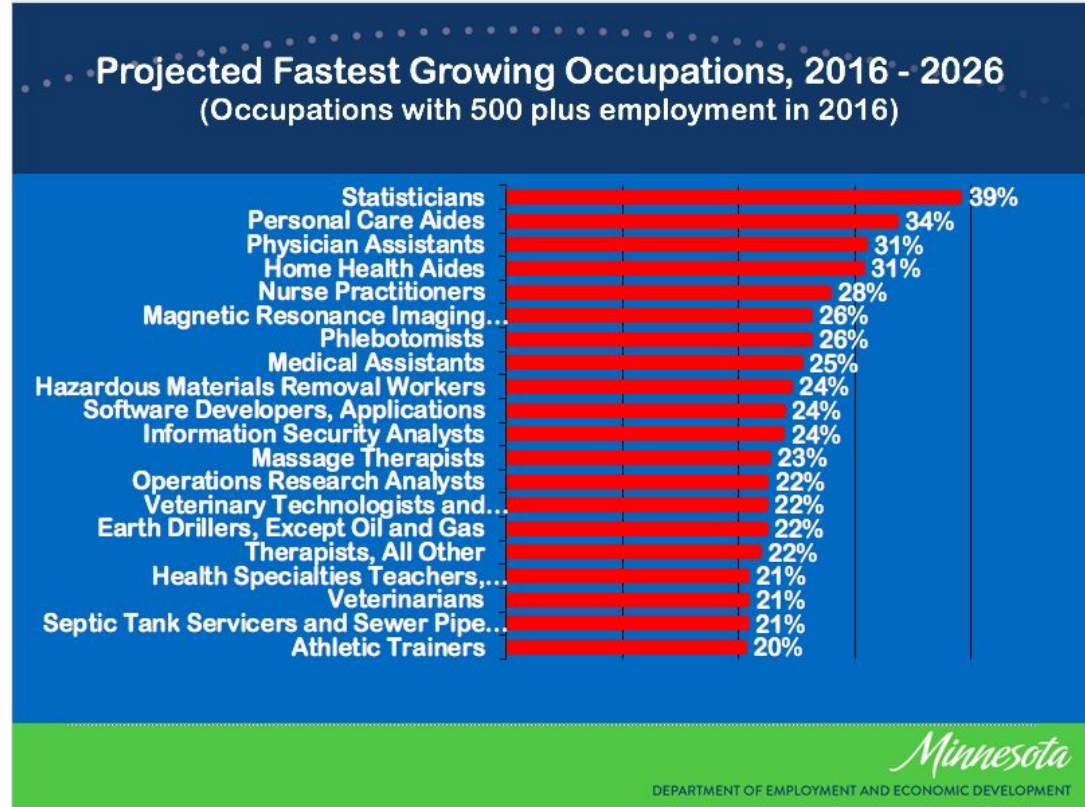
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# Predicted Occupational Growth



17



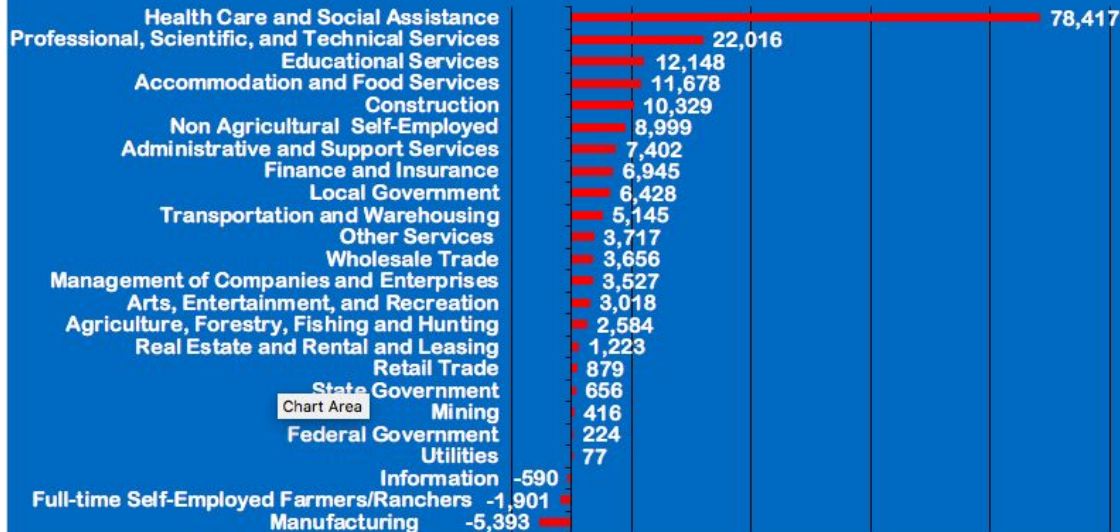
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# MN Predicted Occupational Growth

18



## Numeric Employment Growth in Minnesota by Major Sectors, 2016-2026



*Minnesota*

DEPARTMENT OF EMPLOYMENT AND ECONOMIC DEVELOPMENT



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# Hennepin Technical College

## High Demand Areas

Top 10





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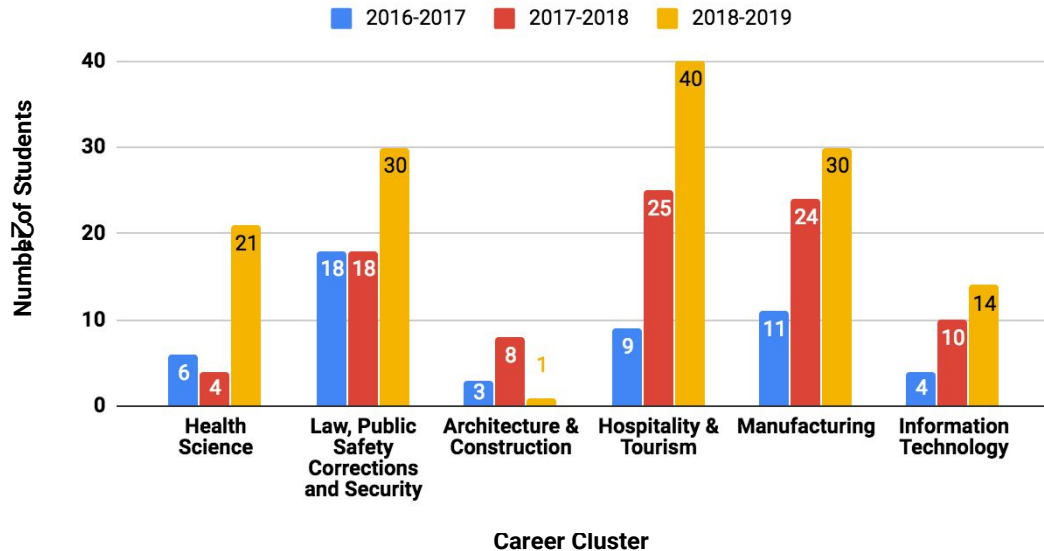
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# EPHS 3-Year Enrollment Patterns

Intermediate 287: Hennepin Technical College Pathways Enrollment



## Opportunities for Growth

- Emergency & Fire Management
- Manufacturing



# Future Programming Options



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# Eden Prairie CTE

- Business Roundtable
- Data Analysis
- 6 Career Fields
- Designing Pathways



# THANK YOU



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