



# Innovative Strategies in Higher Education

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# Introductions

**Joe Mulford**  
President

**David Minke**  
Pine County Administrator



# About PTCC

Service Area – East Central-Mn Region 7E  
Founded in 1965

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Serve Approx. 2700 Students Annually (800FYE)  
Second Smallest Stand-Alone College in Minnesota State

## Our Superpowers

Fast, Flexible, Focused

## Our Kryptonite

Capitalization of Large Expenses: Equipment, Facilities, Programming Start-up



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# Key Academic Programs

Automation & Robotics  
Welding  
Gunsmithing Technology  
Business  
Machine Tooling  
Construction Technology  
AA Transfer Pathways

Applied Engineering  
Cyber Security  
Nursing (CNA,LPN,RN)  
Automotive Technology  
Early Childhood Development  
HHS Eligibility Worker  
American Sign Language

# Our Students

PT, lower Income and First Generation.

Part Time – 65%

Pell Eligible - 63%

## Per Capita Income Ranking of Primary Service Area

Mille Lacs County	78th
Pine County	80th
Kanabec County	81st



*\*2018 College Student Health Survey, University of Minnesota Boynton Health*

# Strategic College Challenge

Impact regional workforce challenges by increasing the H.E. attainment rate in East Central Minnesota as a small, rural, and historical technical college (high cost).

## Challenge and Strategy:

1. Increase college participation directly after HS – target historical headwinds of perception on affordability and identity
2. Engage those not participating efficiently in the regional workforce. Address challenges through innovative expansion of programming.



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# Three Key Innovation Strategies

1. Innovative Scholarship Opportunities
2. Innovative Programming Pathways
3. College Credit (Pathways) in High Schools



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# 1. Innovative Scholarships:

Frandsen Family Scholarships

Pine County College Initiative

Kick Start Scholarships

Workforce Development Scholarships



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# Innovative Scholarships

## **Frandsen Family Foundation**

Graduating Seniors from: Luck & Frederic WI, Pine City, Rush City and Braham  
Two years tuition and fees plus \$1000 for books/supplies

## **Pine County College Initiative**

2021-23 Graduating from: Willow River, East Central, Hinckley-Finlayson, Harvest Christian Academy  
Two years of tuition and fees plus \$1,000 for books/supplies

## **Kick Start Scholarship**

Seniors eligible for Free/Reduced Meal Program from: Isle, Ogilvie, Mora, N. Branch, Chisago Lakes  
One year tuition plus \$1,000 for books/supplies

## **Workforce Development Scholarships**

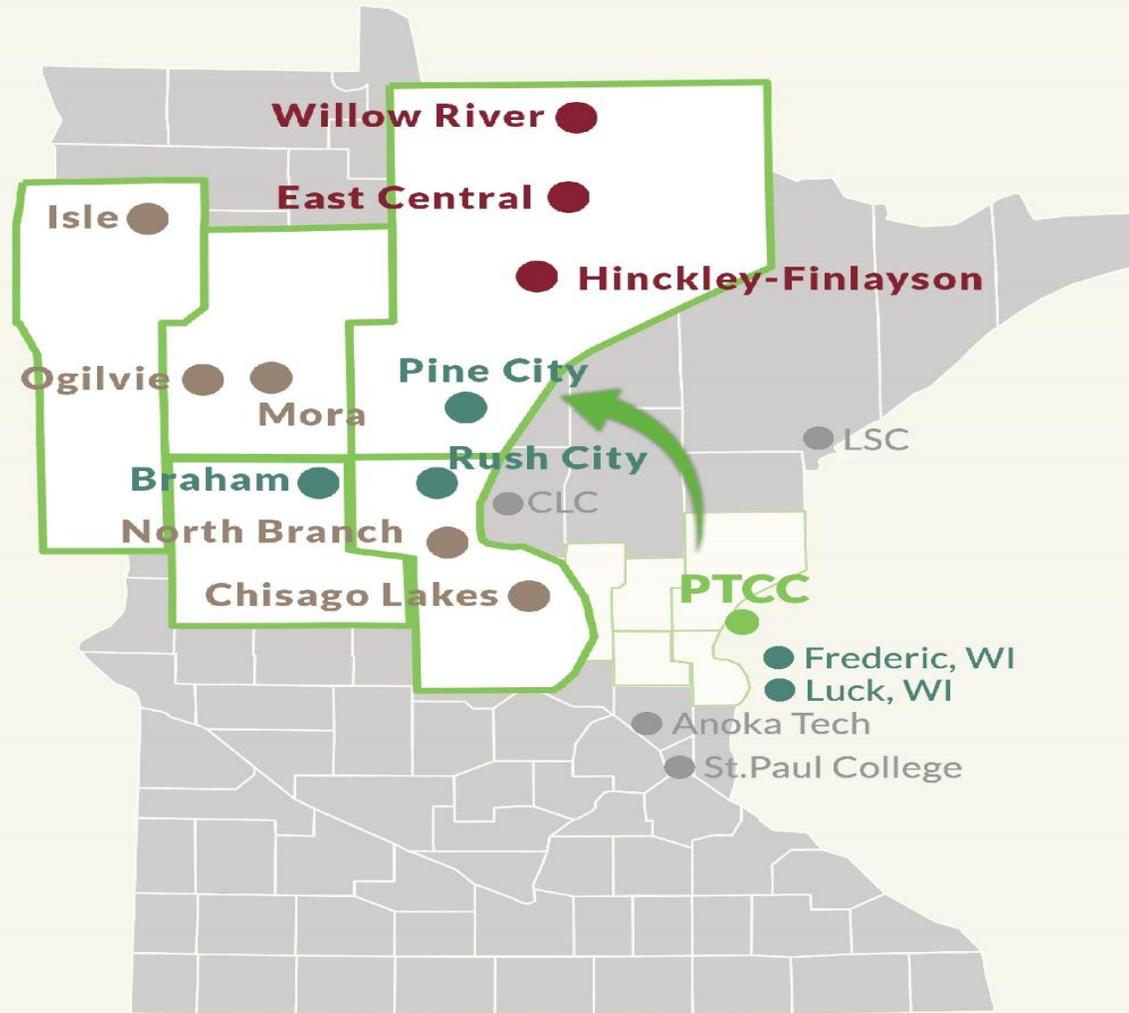
33 - \$2500 scholarships in high-growth and high-demand fields





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## SCHOLARSHIP OPPORTUNITIES



- Pine County College Initiative
- Frandsen Family Foundation
- Kick Start





## 2. Innovative Programming Pathways

### Three Examples:

Rosenbauer Manufacturing Academy

Accelerated Early Childhood Program

Pine County WorkFast Programming



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**rosenbauer** Manufacturing Academy  
*Firefighting Technology*

Working with manufacturer to conduct on-site training to improve employee efficiency, retention and expand candidate pools



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# Accelerated Early Childhood Development Program

Compressed and intensive study model open to incumbent workers in daycares and early childhood centers.

Four cohorts with nearly 100 students participating

Two nights per week synchronous on-line 6:30-9:30 for 22 Weeks

50% matriculation into Early Childhood Education program



# Pine County WorkFast Programming Principles

Target “local” underemployed and unemployed

Support local business community by increasing workforce skills

Reduce participants reliance on resources over the long-term

Build sustainable training and partnership capacities in Pine County

“Stackable” into college programs and award college credit (where appropriate)

Minimize potential barriers to employment entry (i.e. PPE, tools, scrubs)

Build awareness for long term educational pathways and opportunities (i.e. scholarships, processes, support resources)

# Participation Summary WorkFast

Fall 2020-Fall 2021

**Certified Nursing Assistant (CR):**

*37 students completed courses*

**Principles of Carpentry:**

*17 students completed course*

**Introduction to Welding (CR):**

*16 students completed courses*

**Basic Machining:**

*10 students completed course*

***We have experienced approximately  
15% matriculation rate of students  
into longer term credit programming***

**Auto Technician (CR):**

*17 students completed course*

**Emergency Medical Responder (CR):**

*18 students completed course*

**Intro to Cyber Security:**

*14 students completed course*

**Business Computers (CR):**

*19 students completed course*

**148 Student Participants**

CR = Credit



# Business Development

<b>Courses currently offered to Pine County business owners</b>	
<b>Serve Safe – Restaurant Industry</b> <i>26 students completed course</i>	<b>Basic Life Support Instructor- Healthcare</b> <i>3 students completed course</i>
<b>CPR – Service Industry</b> <i>37 students completed courses</i>	<b>Print Reading (CR) - Manufacturing</b> <i>4 students completed course</i>





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# David Minke Pine County Administrator





### 3. College Credit in High School

# College Credit in High School

## Traditional PSEO

- HS students take college courses on-campus or online
- Classes taught by college faculty
- 164 students from 31 regional high schools

## Concurrent Enrollment

- HS students take college courses at their HS
- Classes taught by college-approved HS teachers
- 5424 registered credits in FY22
- 1192 students from 14 regional high schools in FY22



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# College Credit in High School Programs

## **Pine Academies**

Courses offered to high school students through ITV

Specific career pathways, explore future career options and earn industry recognized credentials/certifications

208 students from 22 regional high schools

## **Career Pathways**

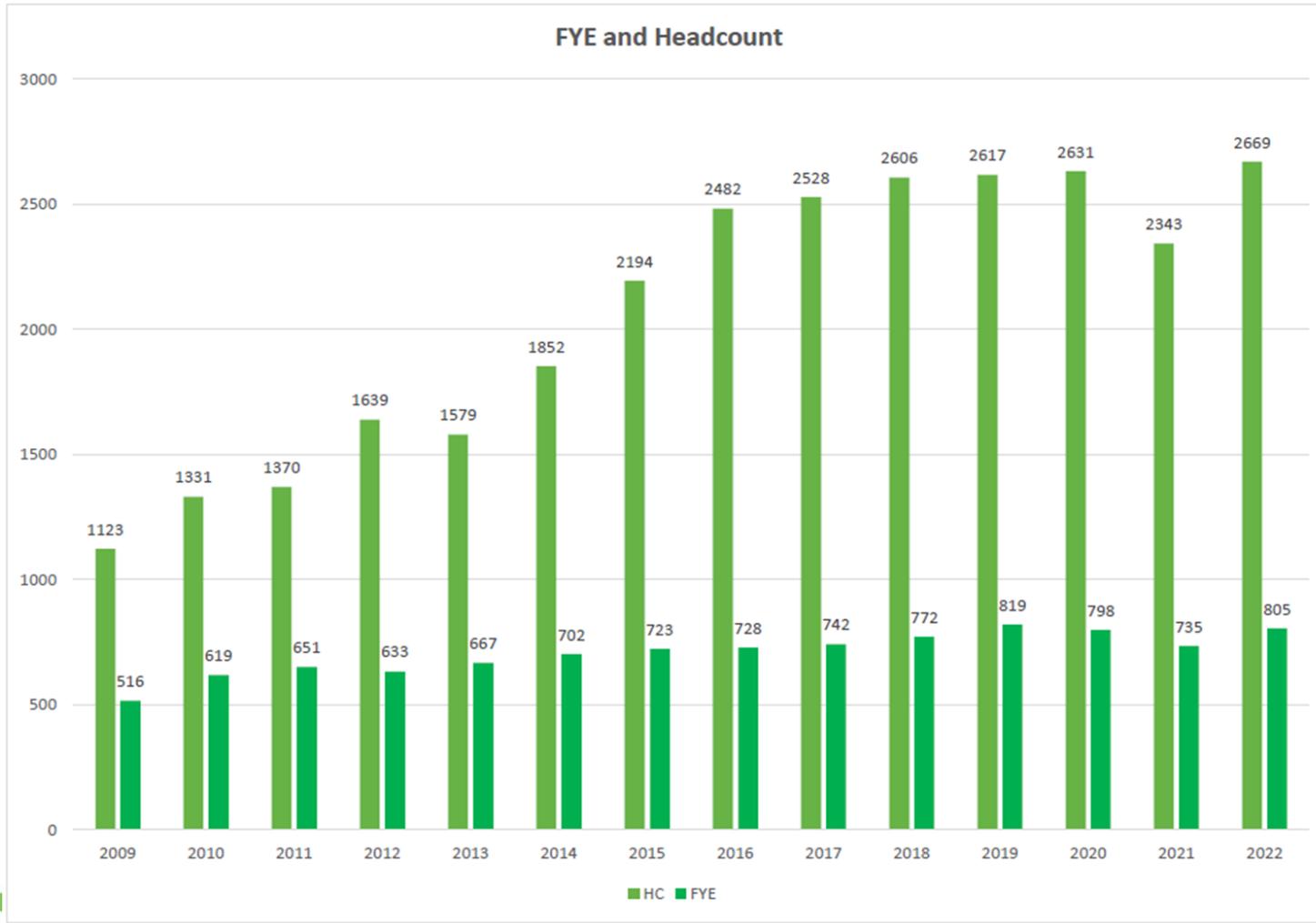
Automotive, Business, Early Childhood, Healthcare, IT, Manufacturing, Construction



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# Outcomes



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# Outcomes- Debt & Economic Development

**Median Debt by Institution**  
Institution Type: Minnesota State Colleges

Institution	Award Type	Year	Award Recipients	Number of Graduates with Loans	Percent of Graduates with Loans	Average Cumulative Median Debt
Pine Technical & Community College	Sub-Baccalaureate Certificate	2012	131	102	78%	\$17,016
		2013	110	88	80%	\$17,200
		2014	158	117	74%	\$15,750
		2015	142	102	72%	\$14,750
		2016	174	90	52%	\$17,500
		2017	101	75	74%	\$15,750
		2018	157	54	34%	\$14,576
		2019	149	67	45%	\$13,750
		2020	142	54	38%	\$11,000
		Associate Degree	2012	53	41	77%
	2013		68	51	75%	\$21,573
	2014		68	50	74%	\$20,405
	2015		76	60	79%	\$29,524
	2016		75	53	71%	\$20,732
	2017		78	56	72%	\$22,875
	2018		79	49	62%	\$19,592
	2019		99	57	58%	\$17,252
	2020		120	65	54%	\$14,910



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# Thank You

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Questions?



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