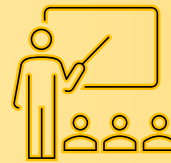


MISSION: enable the **future manufacturing workforce** and accelerate **economic development** through education, technology transfer, and Industry X.0 & AI knowledge leadership.

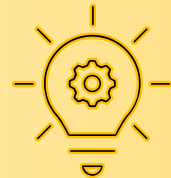


EDUCATION

Workforce Development

> 30 advanced-manufacturing hires placed through CSI talent pipeline in 2024-26

- ✓ Enable future manufacturing talent
- ✓ Upskill current workforce



APPLIED RESEARCH

Technology Transfer

> \$200k of sponsored R&D delivered at a fraction of standalone lab cost (2024-2026)

- ✓ Drive Technology Transfer
- ✓ Enable cross-disciplinary innovation



INDUSTRY ECOSYSTEM

Economic Development

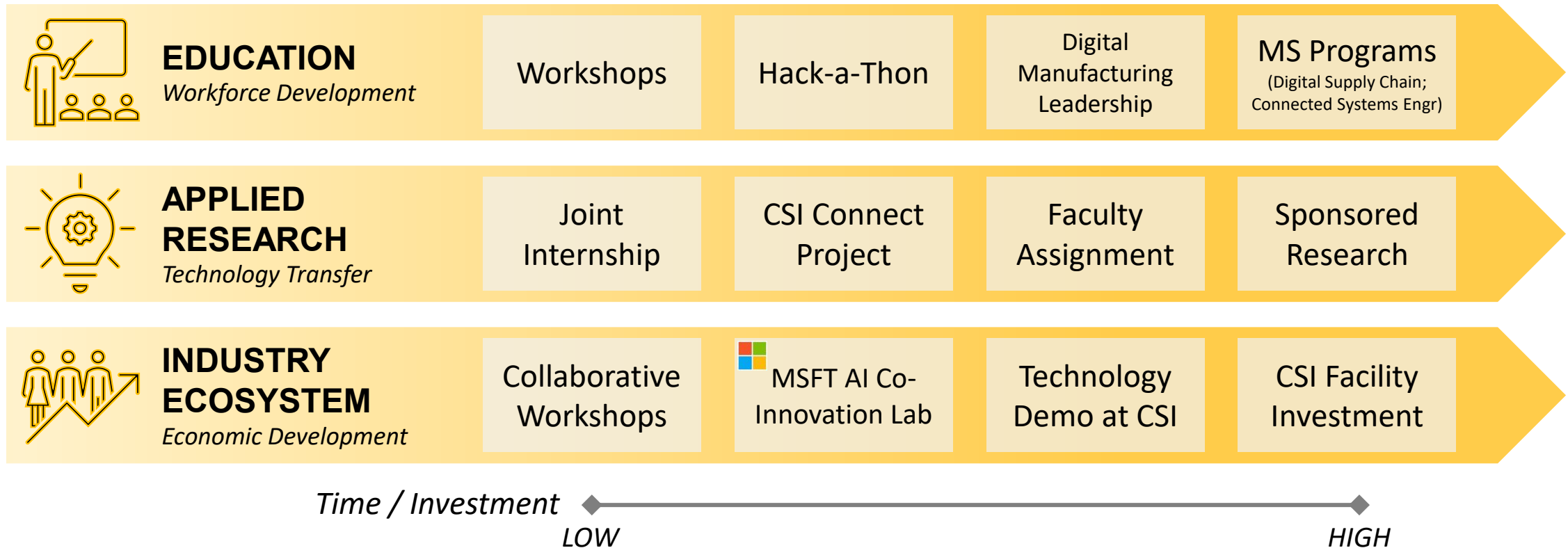
Peer-to-peer executive education that surfaces new cross-company collaborations

- ✓ Amplify Regional Manufacturing Networks
- ✓ Strengthen collaboration cross-industry

VALUES: Improve Continuously | Focus on Talent | Cultivate Diverse Partnerships | Innovate with Purpose

CSI Engagement Pathways

Every pathway is priced by time investment — and scoped to return measurable value at that level.



Engagements designed to create new value for partner with alignment to **CSI Mission**

Member and Partner Ecosystem

Development funnel to drive
strong INDUSTRY ECOSYSTEM

ACTIVE CSI Partners



>2200

CSI CONTACTS
(2026)

From One Challenge to 10+ Solutions

9 Events | \$10k Sponsorship
500+ Student Participants



Data Visualization

Challenge: Design public dashboard for museum exhibit

Solution: Interactive Dashboard using Real Production Data

Sponsor: 
DISCOVERY WORLD

Vibe Coding

Challenge: Predict machine failures from robot sensor data

Solution: AI-powered predictive maintenance assistant

Sponsor: 
CUSTOMERTIMES

Manufacturing Intelligence

Challenge: Structure robot data into actionable insights

Solution: AI and data-driven maintenance recommendations

Sponsor: 
UNIVERSITY of WISCONSIN
MILWAUKEE



Agentic AI in Manuf.

Challenge: Improve operations using agentic AI systems

Solution: Autonomous multi-agent AI coordination system

Sponsor: 
Rockwell Automation

AI for Workplace Safety

Challenge: Digitize safety signage for compliance insights

Solution: AI-powered safety compliance and risk app

Sponsor: 
BRADY

Attack & Defend

Challenge: Simulate and defend against cyber attacks

Solution: Cyber-attack and defense simulation environment

Sponsor: 
FORTINET



Factory GPT

Challenge: Accelerate training & preserve maintenance knowledge

Solution: AI-powered training and knowledge assistant

Sponsor: 
Microsoft

Production Optimization

Challenge: Optimize production scheduling and reduce downtime

Solution: AI-driven automated production scheduling optimizer

Sponsor: 
Kimberly-Clark

Digital Twin

Challenge: Optimize autonomous loading and unloading operations

Solution: Digital twin for AMR system integration

Sponsor: 
Rockwell Automation

Digital Manufacturing Leadership (DML)



DIGITAL MANUFACTURING LEADERSHIP (DML 2.0)

Translating AI & Digital Tools into Measurable Business Results

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Manufacturers are investing in AI, connected systems, and digital tools, but too often those investments stall before they deliver. Digital Manufacturing Leadership (DML 2.0) is a 10-week online program that helps manufacturing professionals close that gap: assess readiness, identify high-value opportunities, align technology with business priorities, and lead transformation from pilot to scale.

YOU'LL GAIN:

- ✓ Clear view of where digital can drive the most value
- ✓ Practical AI and digital strategy tied to business outcomes
- ✓ Framework for leading cross-functional adoption and change
- ✓ Change management strategies for sustainable transformation
- ✓ 2 graduate credits from UWM

SUMMER 2026 COHORT

May 4th- July 9th 2026
Fully Online + weekly live sessions
Cohort Size: 25 participants
Cost: \$0 (grant funded)

Designed for mid to senior-level individual contributors or early to mid-level team leaders in technical or business disciplines interested in leading digital transformation initiatives.

Learn More or Register: Joe Hamann | jahamann@uwm.edu | uwm.edu/csi



DIGITAL MANUFACTURING LEADERSHIP (DML 2.0)

University of Wisconsin-Milwaukee | Connected Systems Institute

Move from Digital Exploration to Scalable Impact

Manufacturers are investing in AI, connected systems, and digital tools, but many struggle to turn those investments into measurable results.

Digital Manufacturing Leadership (DML 2.0) is a 10-week online program designed for manufacturing professionals who need to translate AI, connected systems, and digital tools into measurable results. Participants learn how to assess readiness, identify high-value opportunities, align technology with business priorities, and lead transformation from pilot to scale.

What Participants Walk Away With

- Clear view of where digital can drive the most value for their organization
- Practical AI and digital strategy aligned to tangible business outcomes
- Prioritized portfolio of initiatives with defined impact
- Ability to lead cross-functional adoption and change
- Real-world insight from industry instructors and peers
- 2 graduate credits from UW-Milwaukee

Summer 2026 Cohort

- Dates: May 4 - July 9, 2026
- Format: Fully online with weekly live session
- Cohort size: 25 participants
- First cohort cost: \$0 (grant funded)

Designed for mid to senior-level individual contributors or early to mid-level team leaders in technical or business disciplines interested in leading digital transformation initiatives.

Program Structure: From Strategy to Execution

Pathway 1: Foundations	Pathway 2: Tracking and Tracing
Define the strategy and leadership foundation	Apply analytics, connected systems, and implementation
1. Introduction to Digital Manufacturing 2. Drive AI Strategy 3. Business Benefit and Case Development 4. Organizational Change Management 5. Connected System Architecture	6. Advanced Reliability Methods 7. Digital Supply Chain 8. IoT Operations and Governance 9. IoT-Enabled Analytics and Actions 10. Decision-Making and Implementation Strategy



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