

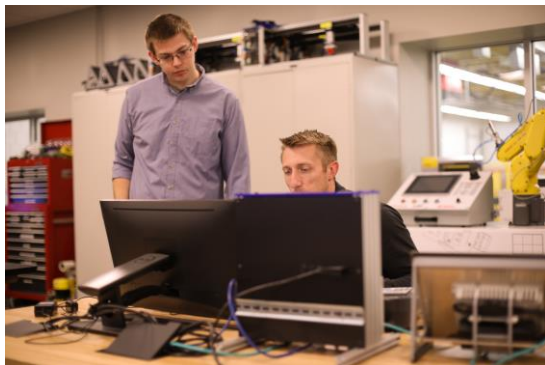
Industry 4.0 Training for Teachers  
2022 Pilot  
Introduction to Systems Integration  
and Student Engagement





## Opportunity: New 2022 Cohort

- Application is Open now through November 6<sup>th</sup>
- Kick off December 3<sup>rd</sup>, 2021
- All training costs are reimbursable (\$6500)
- Instructors will earn 2 credentials and 2 NOCTI certifications + CEU's





*Lorain County  
Community College*

# 14.0 Teacher Training 2022

**Automation and Robotics  
Introduction to Integration + Student Engagement**

**Attention STEM  
Instructors and Faculty!**

**Instruct  
Robotics/14.0 and  
Credential  
Students**



**NOCTI FANUC  
Exams**

**Externship**

**Capstone  
Course**

**FANUC and Allen  
Bradley Industry  
Recognized  
Credentials**

**0-25% Robotics  
Experience**



**Credentials are  
Aligned to ODE  
Graduation Pathways**

**\$6,500 Training Costs  
can be fully  
reimbursed to the  
School District**





**Lorain County  
Community College**

# I4.0 Teacher Training 2022

**Automation and Robotics Level 1 Capstone Course:  
Introduction to Integration + Student Engagement**

**Capstone  
Course- 4.75  
CEU's:**

Introduction to  
Advanced  
Manufacturing  
Systems  
Approach and  
Integrating  
Industry 4.0

Experience and  
Implement  
Industry  
Relevant  
Capstone  
projects for  
Students

Learn how to  
Incorporate I4.0  
Skills,  
Competencies,  
Technologies

Understand  
Student  
engagement for  
I4.0

**NOCTI  
FANUC  
FCR-01 and  
FCR-02  
Exams**



✓ Hands-On, Industry  
Relevant Projects



✓ Real training for  
classroom application



**RESERVE YOUR SEAT  
NOW! Space is  
limited!**



## Schedule\*

- ❑ **October 2021 Application Period**
- ❑ November 2021 Applicant Acceptance and Registration
- ❑ December 3rd, 2021 In Person Orientation @LCCC
- ❑ December 2021- April 2022 Online Learning
- ❑ January 21, 2022: 1 Day Immersion Course @LCCC: Intro to PLC's
- ❑ April 8, 2022: 1 Day Immersion Course @LCCC: Intro to Roboguide
- ❑ June 6-10th, 2022 Allen Bradley PLC's at Rockwell
- ❑ June 13-17th, 2022 FANUC Handling Tool at Fanuc America
- ❑ June 20-24th, 2022: In Person Capstone Course @ LCCC
- ❑ July 2022: Externship Level 1- 2.5 days
- ❑ August 4-5th, 2022: NOCTI FANUC FCR-01 & FCR-02 In Person Exam

\*subject to change



## **\$6,500 Training Costs can be fully reimbursed to the School District**

### **Steps for Reimbursement:**

1. Applicant Applies and is Accepted
2. Participant Agreement Signed by Sponsor School and Participant (November 2021)
3. Participant Registers for Cohort through LCCC and for credentials through IST Ohio (November 2021)
4. Sponsor School Pays for credentials up front (November 2021)
5. Sponsor School Applies for Tech Cred Reimbursement (Open application period)
6. Sponsor School Applies for LCCC Reimbursement (August 2022)

✓ **Training Costs are Fully Reimbursed**

- ☐ \***Qualified Teachers** teach our curriculum through College Credit Plus
- ☐ \***Qualified Teachers** embed credentials into their own curriculum
- ☐ Level 1 & 2 Teacher Training
- ☐ Expanded Level 1 Training – all areas



## I4.0 Classroom Lending Library

**NEW!**

**Cert Carts loaned to schools for 8-week intervals to enable hands on engagement**



**Hands on Labs, Credentialing,  
Certifications**

**Dedicated I4.0 Classroom on  
LCCC Campus**

\*Qualified Teachers have passed our  
Teacher Training Program



*Lorain County  
Community College*

# I4.0 Teacher Training 2022

**Automation and Robotics  
Introduction to Integration + Student Engagement**

## **Schedule:**

[Link to 2022 Level 1 Cohort Detailed Schedule](#)

## **Participation Agreement:**

<https://insider.cureo.com/file/download/3a843ee4-da24-4bb4-8040-8b5a967d812e>

## **Application can be found on the Website:**

<https://www.lorainccc.edu/engineering/industry-4-0-teacher-training/>

**Space is Limited to 12 Participants!**





**14.0 Teacher Training 2021 Cohort  
& Instructors**



**1<sup>st</sup> Cohort Statewide Reach**



For more information and to apply, please review our website:

<https://www.lorainccc.edu/engineering/industry-4-0-teacher-training/>

For additional questions, contact:

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Automation & Robotics

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