

Manufacturing Technology Working Group

The background of the slide is a dark blue gradient. It features a complex network of glowing blue lines and nodes. On the left side, a dense bundle of lines extends horizontally and then branches out towards the right. These lines connect to numerous small, bright blue circular nodes. Some nodes are larger and more prominent, while others are smaller. The overall effect is a sense of digital connectivity and data flow, reminiscent of a circuit board or a network map.

Substitute Senate Bill No. 1021
Special Act No 21-24

Meeting 05
Oct 27, 2021

Agenda

- I. Welcome
- II. Announcements / Roundtable
 - Updated schedule for i4.0 Provider features
- III. Provider Spotlight: CCIC - Univ of Hartford ... Dr. Hisham Alnajjar
- IV. Workstreams Breakouts
 - VSM: Value Stream Mapping led by CONNSTEP
 - Resources led by CTNext
 - Outreach led by CCAT
- V. Adjourn



Next Meeting: Wed, Nov 10 @ 11a
Cadence: bi-weekly

Service Provider Feature Schedule



Oct 27: University of Hartford as part of CCIC

Nov 10: University of Connecticut, Tech Park

Nov 17: Open

Dec 8: NSF National Center for Next Generation Manufacturing as part of CSCU; and Small Business Administration

Dec 15: Open

Jan 6: Central Connecticut State University

Jan 20: Manufacturing Innovation Fund

Feb 3: Yale University

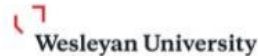
Feb 17: Connecticut Manufacturing Collaborative

Mar 3: Central Connecticut Chambers of Commerce

updated

back-to-back
weeks

CCIC Member Institutions



UNIVERSITY OF HARTFORD

COLLEGE OF ENGINEERING,
TECHNOLOGY, AND ARCHITECTURE

Member CCIC

Provider - **Talent**

Programs

- Computer Engineering
- Electrical Engineering
- Robotics Engineering
- Computer Science
- Computer Science & Engineering
- Mechanical Engineering
- Aerospace Engineering
- Electromechanical Engineering Technology
- Computer & Electronics Engineering Technology

Certificates

- Manufacturing Metrology
 - Metrology Graduate Certificate
 - Non-Credit Short Courses
- I4.0 Certificate
Coming soon



Hands-on/Project-based Learning



Educate

Engineering
Engineering Technology
Computer Science



Train

Manufacturing Metrology



Consult

Engineering Application Center

Manufacturing Metrology / Robotics / Automation
Acoustics / Turbomachinery / Multidisciplinary Modeling



Innovate

Robotics
Automation
IoT
Cybersecurity



Connect

Industrial Partners



Workstreams

VSM: Value Stream Mapping

Map out current state value stream of provider network



Resources

Focus on SBIR / STTR; include other grant opportunities & resources



Yale

Outreach

Awareness of manufacturers to provider network



Ecosystem Mapping

Cataloging comprehensive profiles of providers
(Deliverable 1)



Partner w/ Manufacturing Innovation Fund Initiative