

Dual Credit Community of Practice, October 10, 2023 RESOURCES

The following resources were shared by individuals in the chat during the October 10th CoP meeting. The [full recording of the meeting](#) is available on the [Dual Credit Opportunities](#) website. Screenshots from the Mentimeter activity are included at the end of this document.

Karen Hynick of CT State Community College

CT State Community College has a new online tool called “Find Your Path” (available at <https://ctstate.edu/>) Users can search course offerings by an area of study (e.g. [Manufacturing](#)) and filter on a variety of factors including credit vs. non-credit, time to completion, campus, etc.

Keith Sevigny, Goodwin University Magnet Schools

<https://www.goodwin.edu/majors/manufacturing/cnc/certificate-accelerated-curriculum>

<https://www.fox61.com/video/news/local/goodwin-university-hosts-manufacturing-pentathlon-expo/520-53da4fbd-060a-45ab-ae74-accb207fe256>

Karen Hynick of CT State Community College (khynick@qvcc.edu)

CT State can help you with access to any of our program offerings in manufacturing even if they are at a location that is not in close proximity to your school. The following sites offer 6 pathways in Manufacturing ranging from CNC, Welding, Shipbuilding, Mechatronics, Machining, and Engineering- Asnuntuck, Quinebaug Valley, Three Rivers, Capital, Housatonic, Tunxis, Northwestern, Norwalk, Manchester and Naugatuck.

Paul Pelletier, Middletown Public Schools

Middletown offers a Drone and Flight Science course. It is a drone licensure program. He is open to supporting and learning from other districts. He can be contacted at pelletierp@mpsct.org or 860-336-7214.

Paul Lucke, Seymour High School

The pilots association has a free four course sequence - drones or pilots license <https://youcanfly.aopa.org/high-school/high-school-curriculum>

Trudy Milburn, Southern Connecticut State University

SCSU has a drone course that can be offered via Concurrent Enrollment **JRN 170 - BASIC DRONE TECHNOLOGY**. Examine the emerging technology of drones for data acquisition in a multitude of forms, incorporating the video, still imaging, and remote sensing potential of this aerial platform. Learn the basics to start flying drones in addition to the legal, ethical and safety requirements for flying drones and getting licensed by the FAA. Imagery/data from student and faculty drone flights are used for multimedia storytelling and 3D mapping projects.

John Dague, Enfield Public Schools

I second Paul's comment on the Haas desktop CNC machine and training. We had a great training experience with their teacher Intro to CNC training.

Marco Famiglietti, Clinton Public Schools

HAAS Desktop \$13,000 with tool changer.

John Dague, Enfield Public Schools

Manufacturing Awareness: <https://www.makermultipliers.com/>

Keith Sevigny, Goodwin University Magnet Schools

LOVE Maker Multipliers. Eileen Candels at [CCAT](#) is fantastic to work with. They also host site tours so that students can see some of the latest tech in the space.

EB has GREAT programming as well across all grade levels. They have a grant from the Navy to provide it free of charge to students. <https://eblanding.com/2022/11/22/boat-for-kids-program-introduces-north-stonington-elementary-school-students-to-welding/>
William Barber is the contact. He can be reached at wbarber@gdeb.com

Paul Lucke, Seymour High School

A roadblock that I have found is the cooperative work teacher position - it is much needed but we always seem to lack funding - having a regional or multi school coordinator would be a great help.

Leslie Carson, Westbrook Public Schools

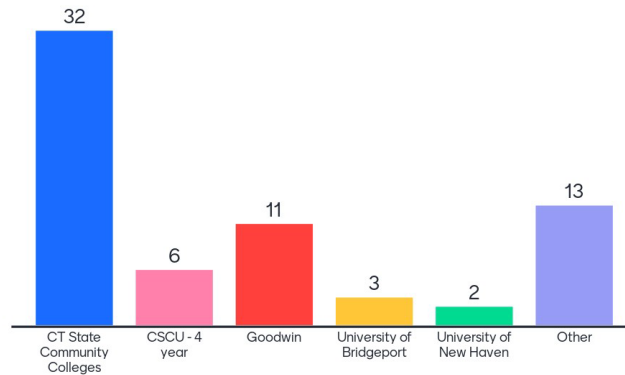
CSDE needs to rethink its certification for CTE teachers entering the world of education to make it easier to get a teaching certification--step one. Then Step Two should be the IHEs becoming more flexible.

Karen Hynick of CT State Community College

On teacher credentialing- NECHE - IHE's accreditation in New England typically requires advanced degree in field (masters in the content discipline or a masters and enough graduate credit in field (most other states it is 18 graduate credits) or in technical fields it is a terminal degree in field- ie. culinary (associate degree) or manufacturing CNC (can be an associate degree if it is machining). Our accreditor determines if we are eligible to receive title IV at the federal level (financial aid). We can also look at alternative qualifications that are exceptions to the rule but ensure quality- i.e. recent employment in field (Eric Clapton teaching a music class). Hope this is helpful context to those who asked the question.

Mentimeter Activity Participant Response Summary

What IHE(s) are you partnering with (current or planned) for your manufacturing courses?



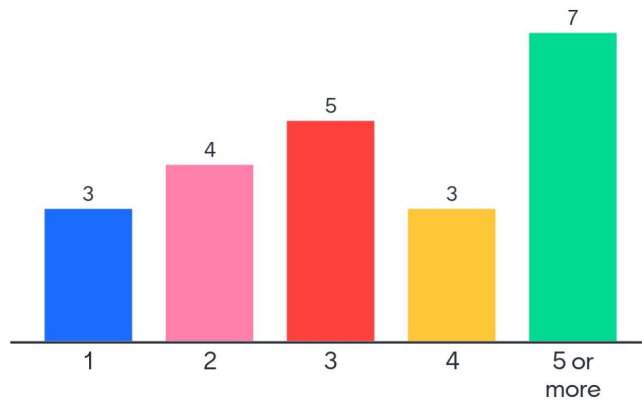
What credential/degree will students earn if they continue on the pathway at the IHE?

47 responses

certificate	CAD certification	Associates
Certificate/ Associate	Certificate or AS	None as of yet.
Associates	We are still in the planning phase, choosing courses, so not sure yet.	Certificate
Certificate	Certification in Manufacturing or associates degree	Certificate
Certificate in Advanced Machine Technology.	Associates Degree in Engineering Technology or could be applied to Bachelor's in Mechanical engineering	Certificate
Certificate	Certificate advanced manufacturing	CAD Reduced time as an apprentice (carpentry)

certificate or associates degree	Associates/certificate in manufacturing	Certificate/Associate
We are still in planning phases to get our program running.	No Clear Pathway to Credentials Yet	Not sure yet
Associates and Certificate (but we're still in the planning phase)	Technology Studies Certificate or Associates in Machine Technology, Welding Technology, or Electronics Control Technology	Manufacturing certificate
Varied, our pathway for manufacturing includes credits in engineering (UNH) and CAD course credit (CSCC)	Certificate CADAssociates in Manufacturing Technology	We are still in the planning phase
BA Communication	OSHA 10	Associate of Science in CNC MachiningBS in Manufacturing Management
Not sure yetStill planning.	College credits	We are part of the Youth Manufacturing Pipeline. Students complete written exams culminating with a performance day. Success can lead directly to a position at Electric Boat.
CAD course credit	Certificate for DOL Office of ApprenticeshipGoodwin University CNC Advanced Placement (upon completion of high school courses)Goodwin university CNC Production	Planning phase
Associates/Certificates/College Credits	College Credits	Not sure yet
Not sure yetStill planning.	DOL Certificate from office of apprenticeship Goodwin university CNC production certificate	Planning phase
possibly BS in Physics, with an Engineering concentration		

After the grant is fully implemented, how many courses in the pathway will be offered in high school?



Approximately how many students do you anticipate will participate in at least one dual credit manufacturing course in 2024-25?

