

Manufacturing Moments

News from the Connecticut Technical Education and Career System's Manufacturing Programs

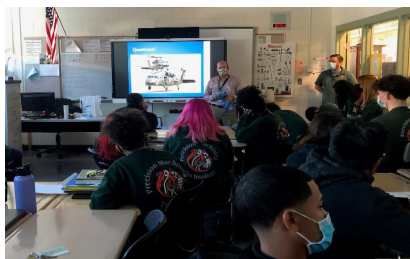
Celebrating Manufacturing Month with Industry Partners

COVID-19 travel and social-distancing protocols for schools complicated the visitation opportunities with manufacturing partners often afforded CTECS students. In response to this challenge, CTECS' industry partners and alumni stepped up to the plate and offered many virtual and small in-person experiences for our students; presenting the many opportunities available in manufacturing and how CTECS prepared them for a successful career.

Platt Tech (Milford) Mechatronics students participated in a virtual tour of **Sikorsky** with George Mitchell as keynote speaker as part of their annual Manufacturing and Disability Mentoring event this year. Event topics included career discussion on diversity and inclusion; equipment and training; and the future of manufacturing and aviation.

Sonitek in Milford welcomed Platt Tech Mechatronics students in October.

2016 Precision Machining graduates Breanna Diaz and Odalys Rosario visited Prince Tech (Hartford) to introduce their employer, **Joining Technologies**, and the career opportunities available. Joining Technologies is a welding corporation heavily involved in the aerospace industry. Both tech school graduates were recruited from UCONN's manufacturing engineering program for employment. Joining Technologies presentation piqued the interest of Prince Tech students and we hope to see future graduates join their workforce.



Glenn Duhaime, an alum of Connecticut's technical high schools, returns to share his industry experience with precision machining students.

Aligned with Sikorsky's community outreach and in celebration of National Manufacturing Month, Glenn Duhaime, **Sikorsky Aircraft/ Lockheed Martin** Deputy Chief Engineer of **Blackhawk programs** addressed students of the Precision Manufacturing Department at Bullard-Havens Tech (Bridgeport). Mr. Duhaime is a 1988 Graduate of Precision Manufacturing from Platt Tech in Milford.



Message from CTECS' Supervisor of Manufacturing

I hope you enjoy this first edition of CTECS Manufacturing Moments newsletter.

Quarterly, we will share news and accomplishments from the manufacturing programs across our school system. While there is simply not enough room to cover all the positive stories that come out of our schools, my hope is that this will paint a picture of the work being done to prepare our students to graduate and step seamlessly into the numerous manufacturing opportunities available throughout our state with the skills needed to succeed.

It's also important that we recognize our valued industry partners that make our work possible through counsel, donations, student support and advocacy. We could not do this without them.

I look forward to our work together in the future.

Joseph F. DiNatale

Supervisor of Manufacturing
Joseph.F.DiNatale@cttech.org
860.807.2170

Collaborations

Capital Community College held its first Intro to Manufacturing program graduation this past summer. The program ran over five intense weeks at Prince Technical High School. All eight graduates have been offered jobs from OTIS Elevator, Whitcraft Aerospace, Barnes Aerospace, and Broadridge. Thank you to Dr. Harris and Dr. Rubera for leading the successful partnership!



CTECS is participating in a Nontraditional Professional Learning Community focusing on STEM & Manufacturing Pathways sponsored by the **Connecticut Center for Advanced Technology** and the Connecticut State Department of Education. This Professional Learning Community is an opportunity for high schools to focus on best practices for the recruitment and retention of nontraditional students, and to work collaboratively to improve teaching skills and the academic performance of students.



CCAT's David Morganson delivered professional development to the Mechanical Design and Engineering Technology teachers at E.C Goodwin Tech (New Britain) on Generative Design and AutoDesk Fusion 360. Mr. Morganson also shared this knowledge with grade 12 students.



Celebrating Manufacturing Month with Industry Partners

Emmett O'Brien Tech's (Ansonia) Precision Machining Department welcomed Richard Dupont, Interim **Associate Dean of Manufacturing for Asnuntuck, Tunxis, Northwest and Naugatuck Valley Community Colleges**, as a guest speaker in celebration of Manufacturing Month. Mr. Dupont touched on career paths, specialized job opportunities, work ethic, apprenticeships and secondary educational opportunities relating to manufacturing.



Morgan Advanced Materials hiring managers Jaycob Creighton and John Deluca shared employment opportunities and characteristics of an ideal employee with Wilcox Tech (Meriden) manufacturing students. Morgan Advanced is a worldwide manufacturing facility that manufacture a breadth of machined products.



Emmett O'Brien (Ansonia) students enjoyed seeing the latest manufacturing processes and applications during a facility tour of **Bead Electronics**. They were also joined on the tour by State Senator James Maroney.



Platt Technical High School Precision Machining Featured on WTNH's What's Right with Schools

Advisory Committees Help Shape Tech High School Curriculum

Each technical high school has long-standing partnerships through various Career Technical Education Advisory Committees (CTEAC). CTEAC is comprised of businesses, industry leaders, CTECS Career Technical Education administrators and teachers. The goal of these committees is to ensure that CTECS is meeting and exceeding current industry standards in program curricula; program facilities; state-of-the-art technology; occupational outlook; employability skills; and workplace credentials.

"Members of these committees are invaluable resources for our schools as they provide expert insights into industry trends and needs," said Joe DiNatale.

Want to get involved? Contact Joe DiNatale for more information at Joseph.F.DiNatale@cttech.org or by calling 860.807.2170



CTEAC Spotlight: Platt Tech

On October 12, 2021, Platt Tech Precision Machining hosted their fall CTEAC meeting to discuss important industry topics. The meeting was attended by 60 people including State of Connecticut Chief Manufacturing Officer Colin Cooper.

A major topic of discussion was the impact the pandemic has had on the program and its students, including the loss of critical learning time when students were distance learning. On a positive note, attendees were introduced to the new 6 axis Swiss-style CNC machine donation from Swistek of Milford; and the partnership between Platt Tech and Housatonic Community College, which runs multiple manufacturing training evening programs.

CTECS Manufacturing Profile



5 Pathways

- Automated Manufacturing Technology
- Mechanical Design & Engineering Technology
- Mechatronics
- Precision Machining Technology
- Welding and Metal Fabrication




14 Locations

around the state of CT



27 Total Programs



1,100

Students Enrolled
(grades 10-12)



Swistek President and Founder John Schuld gifts Platt Tech Precision Machining students Swiss Style CNC Machine.

Swistek Machinery America Opens Doors for Students

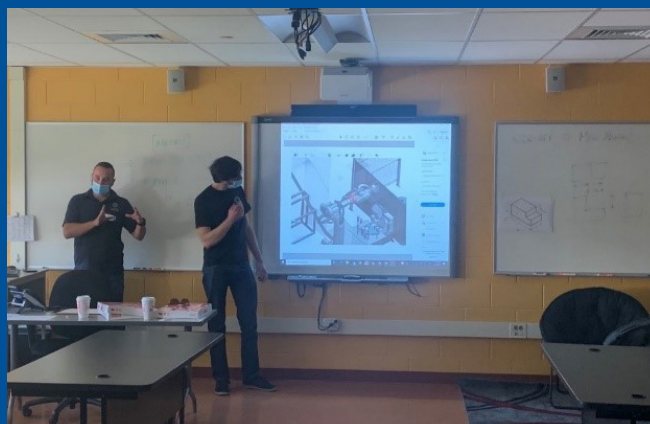
Swistek Machinery America donated a Swiss Style CNC machine valued at \$80,000 helping to open doors to a specialized career pathway for CTECS precision machining students.

"There is such a lack of qualified candidates going into the field into shops that run machines like this," said John Schuld, President/Founder of Swistek Machinery America. "Any of the students that gravitate to this [machine] are going to go out and easily get a job...a higher level position. Our hope is to be able to place kids in shops around town...and hopefully we can get some good employees for ourselves."

“Any of the students that gravitate to this [machine] are going to go out and easily get a job...a higher level position.”

Alumni Spotlight

E.C. Goodwin Technical High School graduate, and founder and CEO of **FORCE Automation INC.** Lukasz Poplawski, is leading the integration of the Connecticut Center for Advance Technology's HRAM Hybrid FlexCell™; a never-done-before additive manufacturing project. The HRAM Hybrid FlexCell will make its debut at the Advanced Technology Center in November.



CTECS STUDENT WORKFORCE
REAL JOBS FOR REAL CUSTOMERS IN CT.

Interested in hiring our students?

Learn more about our Work-based Learning program at cttech.org/about/studentworkforce

Or, post a job on **CTECS job board!**
at cttech.org/jobs

Our Valuable Partners

We are proud of the relationships that we have built with our incredible manufacturing partners. With them by our side, we are able to provide our students with real-world experience that's crucial in preparing them for Connecticut's 21st century workforce needs.

Hobson and Motzer
TG Industries
Meriden Manufacturing
Merion Manufacturing
Lyons Tool and Die
Trumpf Industries
Lyman Products
Gage Motorsports
Sirois Tool
LR Brown and Company
Morgan Advanced Materials
New England Tool and Die Co.
Oldani Brothers
Rand Machine Co.
Micro Insert Inc
Heise Industries
Sargeant Lock
Pratt & Whitney
Whelen Corp

GKN Aerospace
Arthur G Russell.
O.F. Mossberg & Sons
Hobson & Motz
The Lee Co.,
Kaman Fuzing and Precision Products,
Aerocision
APS Technology
Precision Plastics Products
American Machining
Trident Machine Tools
East Coast Precision
Dependable Hydraulic Services
Durham Mfg.
Chapman Mfg.
Lyons Tool and Die Pegasus Mfg.
Electric Boat
Raptor Scientific
Holo-Krome

E & E Tool MFG Co. Inc.
H & T Batter Components Sterling
Engineering
Seitz Corporation
DRT Power Systems
Stevens Company
RBC Aerospace Bearings
Braxton MFG
Truelove & Maclean
Carby Corp.
Fairchild Auto-Mated Parts.
H - O Products
Winsted Centerless Grinding
J & J Precision Eyelet
CT Spring & Stamping
Outer Armor / Commercial Sewing
Stewart EFI, 45
Schwerdtle



39 Woodland Street, Hartford, CT 06105
860.807.2200 | www.cttech.org

Connect with us!

@CTTechHS

