



Machine Tool Technology

FACULTY SPOTLIGHT



Daniel Moretti

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information

Daniel Moretti '18 received a degree in Manufacturing Technology from CCC, and a degree in Technology Education from SUNY Oswego in 2020. During that time he also worked as a Manufacturing Engineer for The Hilliard Corporation, designing assembly lines and tooling for their many product lines. Working as a CNC programmer and machinist for Service Machine and Tool Co. he programmed and machined precision parts for a wide variety of customers. In 2022 he took over the Machine Tool Tech program at CCC and began bringing his experience and love of manufacturing to the classroom. Having grown up in the southern tier, he takes pride in preparing students for the many opportunities available to them in local manufacturing. He feels privileged to have been trusted with the duty of creating the next generation of machinists.

Outside of the classroom, he enjoys hiking, camping, and snowshoeing, along with all things manufacturing - woodworking, welding, machining, restoring old machine tools.



MACHINE TOOL TECHNOLOGY

ASSOCIATE IN APPLIED SCIENCE (A.A.S.)



Hobart Ouder Kirk

earned a degree and certificate from SUNY Corning Community College – an A.A.S. in Machine Tool Technology and a certificate in Numerical Control Technology. In 2019, he won CCC's Machine Tool Technology award. He now works in Corning Incorporated's Integrated Die Manufacturing (IDM) department, while doing landscaping on the side.

MACHINISTS: A KEY PART OF THE TEAM

Students in the Machine Tool Technology program study the process of making high-precision parts that make the modern world possible. Students will learn how to go from a blueprint to a precision part that might be used in a piece of factory machinery, an ATV, a medical implant, or even the space station.

A modern machinist must be able to interpret complex engineering drawings, create entire production processes, and utilize both manual and computer numerically controlled (CNC) machine tools to manufacture these complex parts efficiently, and to specification. Machinists must be able to communicate with engineers, inspectors, managers, and production personnel to solve complex production problems. This all takes an understanding and application of knowledge in mathematics, blueprint reading, precision measurement and inspection, geometric dimensioning and tolerancing, machining theory and practice, CNC programming, metallurgy and materials science, and tooling technology.

CCC Machine Tool Tech students gain competency in all of these skills, and then apply them in their careers to produce the high-quality components that make all of our lives better. They do this all with the added bonus of knowing that as long as humans need to make things, their skills will always be in demand - both locally, and globally.

Sample Courses

- Precision Machining
- Metallurgy for the Machinist
- Mastercam
- CNC Machining
- Tooling Technology
- CNC Lathe Programming
- Machine Tool Co-Op

Potential Careers

- Machine Operator
- Toolroom Machinist
- CNC Programmer
- Manufacturing Engineer
- Manufacturing Manager
- Machine Shop Owner
- Technical Sales
- Tooling Sales
- and many more!

\$43K-\$90K

Depending on the ultimate degree earned, program graduates typically earn in the range of

\$43,000 to \$90,000

Potential employers of our program graduates



SUNY CORNING COMMUNITY COLLEGE

Empowering Our Students | Elevating Our Community