Advanced Manufacturing
Micro Credentials
and
Apprenticeship Programs

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Why Micro Credentials?

Can motivate current students to persist

Be added on to an existing degree program

Adult learners find breaking a degree program down into smaller sections of curriculum that stack toward a degree

A terrific tool to support life-long learning and professional development
Advanced Manufacturing Micro Credentials at SUNY Ulster

Pre-Apprenticeship
CNC Programmer
CNC Operator
CAD
Pre-Apprenticeship Micro Credential

This Micro Credential consists of two courses which include:

Fundamentals of Metrology – starts August 26th

Certified Production Technician – starts August 26th
CNC Programmer Micro Credential

This Micro Credential consists of five courses which can be taken as credit bearing or non-credit bearing and include:

- Fundamentals of Metrology – starts August 26th
- Geometric Dimensioning and Tolerancing – starts August 24th
- Intro to CNC Programming – starts August 26th
- CNC Operator – starts August 23rd
- Mastercam – offered Spring 2022
CNC Operator Micro Credential

This Micro Credential consists of four courses which include:

Fundamentals of Metrology – starts August 26th

Geometric Dimensioning and Tolerancing – starts August 24th

CNC Operator I – starts August 23rd

Advanced CNC Operator – offered Spring 2022
Advanced Manufacturing
Pre-apprentice and Apprentice Programs
Pre-Apprenticeship Program

Pre-apprenticeship programs play a valuable role in preparing qualified entry-level workers for apprenticeship careers while contributing to the development of a diverse and skilled workforce. Program begins August 26th

Certified Production Technician (45 hrs)

Fundamental Concepts of Metrology (45 hrs)
Becoming a Pre-Apprentice

Students that are underemployed or unemployed can get trained for an Advanced Manufacturing Career by registering for a Pre-Apprentice Program.

Students currently working in a facility that has an Apprentice Program that need training before they enter into the program qualify for training under the Pre-Apprentice Program.

Students qualify for a Pre-Apprentice Program receive $500 worth of training under a SUNY grant.
Related Instruction at SUNY Ulster

SUNY Ulster offers both credit-bearing and non-credit-bearing related instruction for apprentices. A 3-credit course equals 72-hrs of Related Instruction. Each trade sheet lists the Related Instruction for that trade.

Some examples include:
Certified Production Technician
Fundamentals of Metrology
CNC Programmer
CNC Operator
CAM
Micro-Credentials can be stacked towards your educational goal

- Bachelor Degree
- Associate Degree
- Certificate
- Micro Credential
Our goal at SUNY Ulster is to create career ladders for students seeking a career in Advanced Manufacturing.
For Credit Bearing Courses

- Submit your AT-401 form
- Submit your free application for SUNY Ulster
- Send us your HS transcripts/GED/TASC
- Complete your FAFSA, TAP and scholarship applications
- Complete new student assessment (if necessary)
- Register!
For Credit Courses
Contact Us

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