

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**

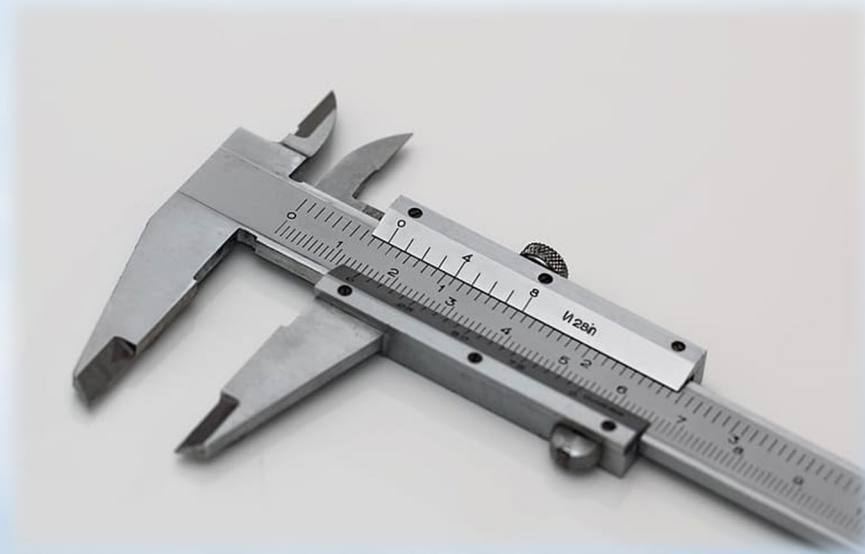
**Pre-Apprenticeship
CNC Programmer
CNC Operator
CAD**

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 Apprenticeship 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

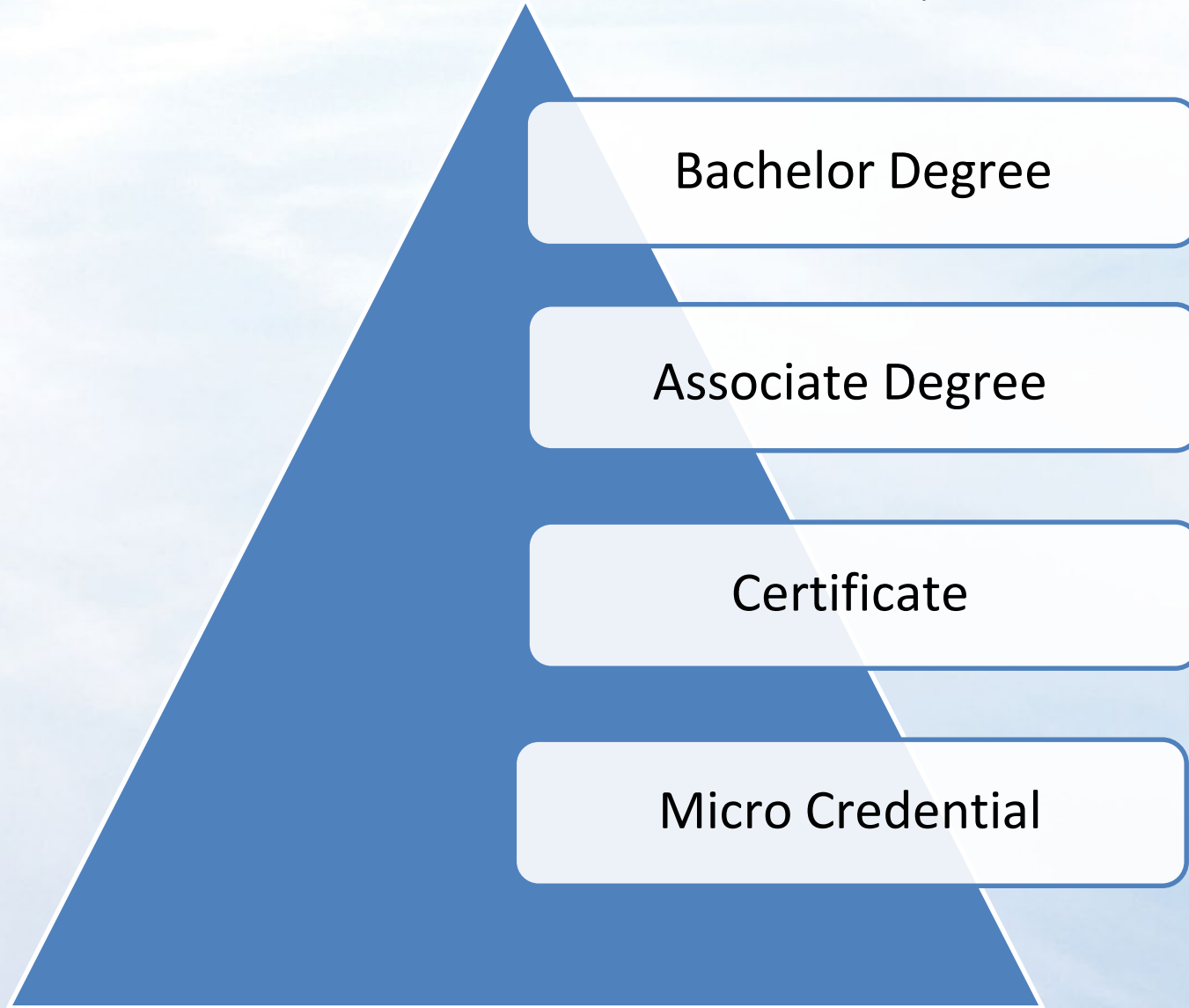
CNC Programmer

CNC Operator

CAM

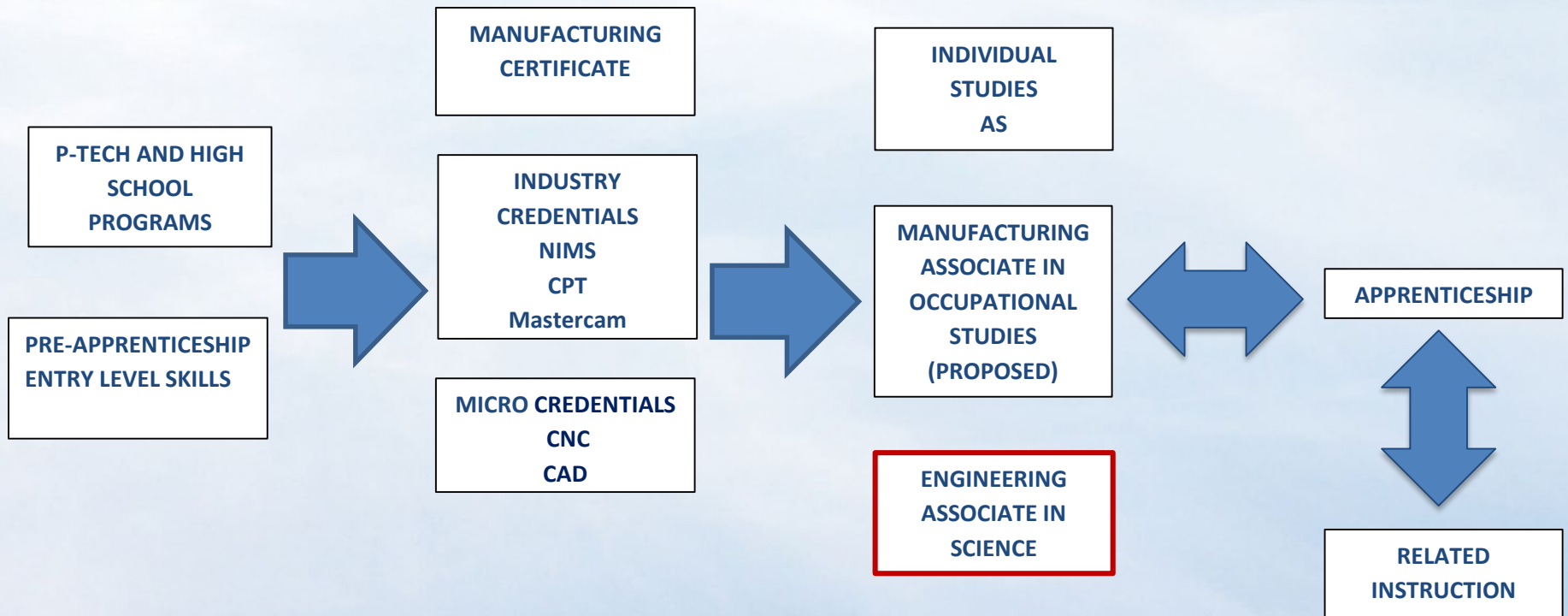


Micro-Credentials can be stacked towards your educational goal



Advanced Manufacturing

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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