

NEW!

MICRO-CREDENTIALS: ADVANCED MANUFACTURING AND AUTOMATION



Program Code: 7144 (Stream A), 7145 (Stream B) and 7146 (Stream C)

Program Length: 160 Hours (Level 2: 80 Hours and Level 3: 80 Hours)

Location: Downsview and/or Progress Campus

Email: uniforsdf@gmail.com | Engtech.PT@centennialcollege.ca

Telephone: 416-474-1987

Tuition Free: \$250.00 (Refundable Deposit required)

Program Overview

These microcredentials contain the advanced manufacturing industry's highest in-demand skills and competencies presented at a distilled, granular level. The microcredentials with Streams A, B, and C will include industrial digital badges

Program includes:

STREAM A

Manufacturing and Production

Centennial College Certificate, 160 hours

- Level 1: Credit
- Level 2: Technical Associate Certificate of Achievement, 80 hours
- Level 3: Advanced Technical Associate Certificate of Achievement, 80 hours

STREAM B

Automation and Industry 4.0

Centennial College Certificate, 160 hours

- Level 1: Credit
- Level 2: Technical Associate Certificate of Achievement, 80 hours
- Level 3: Advanced Technical Associate Certificate of Achievement, 80 hours

STREAM C

Quality Control

Centennial College Certificate, 160 hours

- Level 1: Credit
- Level 2: Technical Associate Certificate of Achievement, 80 hours
- Level 3: Advanced Technical Associate Certificate of Achievement, 80 hours

Program Schedule

Should be able to commit to attend hybrid deliveries with online and/or in-person lecture and lab training for 10 hours/week, from 6/07/2021 to 10/31/2021. The training will take place on weeknights and Saturdays.

Training:

Level 1: Credit

8 Weeks – Level 2: Stream A: Manufacturing and Production

8 Weeks – Level 2: Stream B: Automation and Industry 4.0

8 Weeks – Level 2: Stream C: Quality Control/Assurance

8 Weeks – Level 3: Stream A: Manufacturing and Production

8 Weeks – Level 3: Stream B: Automation and Industry 4.0

8 Weeks – Level 3: Stream C: Quality Control/Assurance

Each micro-credential will receive a Centennial College Certificate of Achievement (upon course completion) and industry digital badges.

Who can participate in the Micro-credentials? (Limited enrolment)

A provincially funded program, Centennial College, in partnership with Unifor and the Ministry of Labour, Training and Skills Development, will deliver manufacturing skills-based training to unemployed and under employed workers in sectors hard hit by pandemic. The project will focus on helping impacted workers develop new skills as an advanced operator, and highlight these skills with employers facing workforce and/or skills shortages.

Micro-credentials Industry Certifications:

Level 2, Stream A – Advanced Manufacturing and Production: Opportunities in Parts manufacturing, CNC operator, CNC programmer

- HAAS CNC Mill Operation – Sirco Machinery/Haas
- Additive Manufacturing Certificate of Completion (3D Printer) – Javelin
- Centennial College Certificate of Achievement

Level 2, Stream B – Automation and Industry 4.0: Opportunities in Automated production and assembly, basic Robotic programming and basic hydraulic and pneumatic circuits and basic PLC/automation systems

- Fluid Power (Hydraulics/Pneumatics): Wainbee, Parker Hanniford
- FESTO automation training
- Centennial College Certificate of Achievement

Level 2, Stream C – Quality Control: Opportunities in Quality inspector, Manual measuring hand tools, CMM operator

- Hexagon manual measurement certificate
- Centennial College Certificate of Achievement

Campus Locations:



Admission Requirements

- Completion of: Ontario Secondary School Diploma (OSSD), or General Education Development (GED), or equivalent; OR Mature Student Status (19 years or older)
- Must have manufacturing/plant experience (credit for Level 1)

Benefits

- Access to state-of-the-art equipment and labs for experiential learning
- Relevant industry training with an industry digital badge to improve marketability or expansion of career paths
- Upon successful completion of completing a Micro-credential, learners will be awarded a Certificate of Achievement and Industry digital badges where applicable
- Assistance with the job placement

Limited spaces
available.

APPLY NOW!

In Partnership With:



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COLLEGE**

See where experience takes you.

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