

# SAP Integrated Advanced Manufacturing Micro-credential Certification

FREE!  
NEW!

REGISTER NOW! PROGRAM STARTS JUNE 7

Centennial College, and Downsview Aerospace Innovation and Research (DAIR) in partnership with the Ontario Aerospace Council (OAC) and the Ontario Ministry of Labour, Training and Skills Development, is offering a government funded program of competency-based training to address skills shortages within the advanced manufacturing and Aerospace sector at no cost.



SAP is a key tool in the Aerospace industry. Learners will complete a common SAP Essentials module followed by SAP Integration within the Advanced Manufacturing Micro-credential streams.



## SAP ESSENTIALS

Students will acquire the necessary skills to be able to understand SAP requirements and functionality within the Aircraft Parts Manufacturing and Aircraft Assembly processes. Key components of the SAP Operating System are procurement, work order preparation and implementation, serialization of components, traceability and quality control.

Gain specialized training and advanced manufacturing SAP functionality in one of the following three streams.



## STREAM A: SAP INTEGRATED ADVANCED MANUFACTURING AND PRODUCTION

Receive training on state-of-the-art CNC programming, machining and commercial 3D printing operations, and assembly techniques, interpretation of work orders, blueprints, and the principles of additive manufacturing which is integrated with SAP functionality. This stream will provide a solid understanding of advanced manufacturing processes and principles used in the aerospace industry today.



## STREAM B: SAP INTEGRATED AUTOMATION AND INDUSTRY 4.0

Receive training in basic PLC programming, robotic operation, and assembly techniques. This stream will provide a fundamental overview of automation and industry 4.0 processes and principles. This Micro-credential will provide upgrading skills and a fundamental overview of Automation and Industry 4.0 processes and principles in emerging technologies.



## STREAM C: QUALITY SAP INTEGRATED CONTROL AND ASSURANCE

In this stream you will learn how to use a variety of measuring tools including CMM operations (metrology) and how to conduct quality checks on manufactured products including audits and the use of SAP in these roles.

Through a combination of online and in-person training, this free opportunity requires a commitment of ten hours per week, during evenings and weekends for a minimum of 12 weeks. An additional level of training for your chosen stream is optional for the June start date and would be a commitment of another 8 weeks.

Learn more and register at  
[centennialcollege.ca/skills-development-fund](https://centennialcollege.ca/skills-development-fund)

In partnership with



ONTARIO AEROSPACE COUNCIL

SAP  
University  
Alliances