

Mechanical Engineering Technology (Co-op)



Benefits of hiring a Niagara College Co-op student

NEW TALENT | STAFF COVERAGE | PEAK SEASON | SPECIAL PROJECTS

Four year program curriculum focused on design, development, maintenance and testing of machines, components, tools and manufacturing plants and equipment.

Student Competencies:

- Design and specify computer aided/integrated manufacturing systems, robotic systems and associated controls
- Plan and evaluate layouts of automated industrial/robotic systems
- Develop and implement maintenance, quality or energy management programs. Design and prepare drawings, specifications and technical documentation of manufacturing machine components
- Prepare graphics, specifications and technical documentation which include 3-D models and finite element analysis
- Design, analyze and specify hydraulic and pneumatic components, circuits, systems and controls

Our students have enhanced organizations in these areas:

- Parametric solids modeling
- Rapid prototyping
- Offline robot programming applications
- Design and analysis software
- CNC and PLC offline programming software

Academic & Co-op Work Schedule			
Year	Fall Term	Winter Term	Summer Term
1	Study	Study	
2	Study	Work	Work
3	Study	Study	Work
4	Work	Study	

Co-op work term requirement is 400 hours.

Post your employment opportunities at mycareer.niagaracollege.ca

Career Services

For information about hiring, please contact us at:

905-641-2252 ext. 7777
nccareerservices@niagaracollege.ca

Ask us about the (up to)

\$3,000

Co-op Education Tax Credit