

# MECHANICAL ENGINEERING TECHNOLOGY – INDUSTRIAL

## Hire The Best

Co-op students can analyze manufacturing operations to improve efficiency and productivity. Our students acquire the engineering technology skills needed for modern manufacturing and production processes. Our program provides computer-assisted drafting and manufacturing (CAD/CAM) training and in-shop experience.

## Some Assignments Include

- Assisting in the layout of machinery and equipment
- Preparing plans and drawings
- Designing material handling systems
- Conducting time studies or establishing time standards and production schedules

## Program Outline



Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.
Semester 1	Semester 2	Vacation	Semester 3	<b>Co-op Work Term 1</b>	Semester 4	<b>Co-op Work Term 2</b>	Semester 5	<b>Co-op Work Term 3</b>	Semester 6
Mechanical Drafting CAD 1 Properties of Materials Machine Shop Technology Mathematics 2 Occupational Health and Safety Mechanical Blueprint Computer Applications Reading and Writing Prose	Mechanical CAD 2 Elements of Machine Design Applied Statics Manufacturing Processes Technology Mathematics 3 Approaches to Literature		CNC Fundamentals & Programming Strength of Materials Project 1 (Design) Applied Electricity Differential Calculus and Analytical Geometry Employment Preplacement		Project 1 (Construction) Fluid Mechanics 1 Operations Management Materials Management Integral Calculus General Education Elective		Applied Dynamics Tool Design Project 2 (Design) Quality Assurance Statistics		Project 2 (Construction) Supervisory Management Advanced Operation Systems Integrated Operations Management General Education Elective

