

MECHANICAL ENGINEERING TECHNOLOGY – DESIGN



Hire The Best

Employers seeking an employee skilled in the design and development of mechanical equipment should consider one of our co-op students. Training in machine design – including computer-assisted design and manufacturing, thermodynamics, power generation and fluid mechanics – our co-op students are ready to assist your staff with a variety of projects.

Some Assignments Include

- CAD drafting
- Research and development
- Assisting in machinery and equipment design
- Industrial sales

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	Co-op Work Term 1	Semester 4	Co-op Work Term 2	Semester 5	Co-op Work Term 3	Semester 6
Introduction to AutoCAD Microcomputer Applications for Technology Properties of Materials Machine Shop Technology Mathematics 2 Occupational Health and Safety Mechanical Blueprint Reading Reading and Writing Prose	Mechanical Drafting (ACAD) Elements of Machine Design Applied Statics Manufacturing Processes Technology Mathematics 3 Approaches to Literature		CNC Fundamentals & Programming Applied Electricity Strength of Materials Project 1 (Design) Differential Calculus and Analytical Geometry Employment Preplacement		Applied Dynamics Tool Design Project 1 (Construction) Fluid Mechanics 1 Integral Calculus General Education Elective		Theory of Machines Thermodynamics 1 Machine Design 1 Fluid Mechanics 2 Project 2 (Design) Statistics		Thermodynamics 2 Machine Design 2 Project 2 (Construction) Introduction to FEA Operations Management General Education Elective

