INSTRUMENTATION AND CONTROL
TECHNOLOGIST
DIPLOMA PROGRAM

The Instrumentation and Control Technologist Diploma Program builds a solid understanding of the best engineering practices in instrumentation, control and networking technology. Instruments and process control systems are used in the industry to measure and control variable such as pressure, flow, temperature, level, motion, force, chemical composition, etc.

Students will understand requirements of applicable Canadian technical standards, norms and practices. They will acquire knowledge and skills in designing, configuring, tuning, operating and maintaining instrumentation and controls systems in a variety of industrial settings.

Graduates will find employment in a variety of industries and will be responsible for modern industrial equipment that requires advanced level of control that integrates electrical, mechanical and instrumentation technologies. All courses in the program are taught by practicing industrial professionals, ensuring that the learning process is practical and comprehensive.

The program consists of instruction delivered and includes in-depth classroom lectures, demonstrations and case studies. The program also includes site visits to develop practical understanding of real-life scenarios, problems and solutions.

ADMISSION REQUIREMENTS
- Post Secondary Certificate or Diploma
- Minimum 3 years experience for Engineers or 5 years of experience for Technologists
- Ontario Equivalency of foreign credentials (WES/ICAS, etc.)

DURATION
- Three months (PG Diploma

DIPLOMA PROGRAM HIGHLIGHTS
- Engineering standards and specifications relating to instrumentation and controls
- Requirements related to reliability of instrumentation and control systems
- Design specifications concerned with instrumentation, distributed controls, programmable logic controllers and ancillary systems
- Sizing, wiring, configuration design and operational characteristics of control systems
- Requirement concerned with effective maintenance of instrumentation and control systems

CAREER OPPORTUNITIES

Graduates of this program are ready to start their careers in such industries as chemical, petroleum refining, food- processing, automotive manufacturing, steel production, pulp and paper sectors with professions like:

- Instrument and Control System Designer
- Control Systems Technologist
- Instrument Technologist
- Process Control Technologist
- Lab Supervisor/Technician
- Installation and Maintenance Specialist

UPON COMPLETION OF THIS PROGRAM STUDENTS WILL BE ABLE TO

- Ensure consistent application of design standards, processes and guidelines related to operation and maintenance of instrumentation and control systems
- Support design, installation, operation, inspection, trouble- shooting and optimization of instrumentation and control systems
- Review engineering designs and make recommendations to enhance productivity, reliability, safety, and environmental performance of instrumentation and control systems
- Contribute to continuous improvement of company practices related to operation of systems
- Specify the scope and frequencies of maintenance activities and contribute to development of preventative maintenance programs
- Perform risk assessments of engineering changes and new technologies
- Exhibit personnel and interpersonal professional behaviors, communicate effectively and contribute to tem- work and activities

JOB PLACEMENT ASSISTANCE

In addition to providing students with the necessary skills and knowledge to succeed in an Instrumentation and Control Technologist career, Epic College of Technology also provides training, job searching skills, resume preparation and job placement assistance

FINANCIAL ASSISTANCE AND FUNDING OPTIONS

Students in the Instrumentation and Control Technologist may be eligible for several different sources of funding and financial assistance programs including: WSIB, EI, Second Career, bursaries and interest free installment plans administered by the college, bank loans, RASP, RESP and employer sponsored educational programs.

*Call us at **905-203-2500** or **647-482-3742** for more information about admission and program*

WhatsApp: 647-482-3742

Epic College of Technology 5670 McAdam Road Mississauga On L4Z 1T2

Phone: +1905-203-2500, +1-647-482-3742

Fax:+1-800-363-5556

Email:info@epiccollege.ca