PROGRAMS AVAILABLE

DIPLOMA PROGRAMS

- Accounting and Payroll Administration
- Business Administration
- Office Administration
- Medical Office Administration
- Mechanical Engineering Design Technology
- Civil Engineering Design Technology
- Software Development
- Software Quality Assurance and Testing
- Web Development

POST-GRADUATE DIPLOMA PROGRAMS

- Electrical Power Distribution Technology
- Environmental Control
- Environmentally Sustainable Buildings
- Instrumentation and Controls Technologist
- Mechanical Technologist - HVAC Theory

CERTIFICATE PROGRAMS & COURSES*

- Quickbooks
- Simply Accounting
- AutoCAD
- MS Office

PROFESSIONAL TRADE CERTIFICATION EXAM PREPARATION*

- Industrial Electrician Pre-Exam Preparation (442)
- Construction and Maintenance Electrician Pre-Exam Preparation (309)

PROFESSIONAL ENGINEERING LICENSE (P.ENG.) PROGRAM*

* Does not require approval under the Private Career Colleges Act

Why Epic College?

EPIC College of Technology is committed to quality education and putting the student's needs first. Our goal is your success. All of our programs are designed with the student's success in mind.

As such, we are the first college (private or public) to earn the coveted ISO 29990 Certification.

Unlike some other programs, our courses are all 100% instructor led rather than requiring students to sit in front of a computer and follow a CD or internet self-study course.

All of our diploma programs are job-oriented and the curriculum was developed by real world professionals who know what is in demand and make sure the programs include it.

Our classes are conveniently scheduled to accommodate your busy life and allow for either part-time or full time employment (depending on the program) so you can continue to earn while you learn.

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CIVIL ENGINEERING DESIGN TECHNOLOGY

DIPLOMA PROGRAM

Bringing dreams within reach

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CIVIL ENGINEERING DESIGN TECHNOLOGY DIPLOMA PROGRAM

The Civil Engineering Design Technologist Diploma Program provides knowledge and skills required to support design and development of Civil Engineering systems, parts configurations and products from their concept stage through all phases of engineering, costing, construction, commissioning, modification, maintenance and decommissioning.

Students will learn principles of Civil Engineering design, engineering analysis, computer-aided design, modeling, blueprint reading, geometrical dimensioning, design and construction safety and will be able to communicate complex civil engineering concepts and information through text, drawings, 3D models and related documentation. They will develop strong analytical and problem-solving skills needed for successful employment in civil engineering, building, mining and other related industry sectors.

Graduates will also prepare their personal portfolio of technical ideas developed into drawings, 3D models and actual executable designs. Such portfolio will help graduates to demonstrate to prospective employers their acquired knowledge and skills.

All courses in the program are taught by practicing industry professionals, ensuring that the learning process is practical, upto-date and comprehensive. This is consolidated by simulated work experience in the form of a Hands-on Project Module. Engineering practices are worked right into the curriculum so you learn not only the underlying engineering design principles but the latest software as well.

Students will learn principles of civil engineering design, structural analysis, systems and materials, computer-aided design, blueprint reading, building code and will gain ability to communicate complex civil engineering concepts through drawings and related documentation. They will develop strong analytical and problem solving skills needed for successful employment.

Graduates will also prepare their personal portfolio of technical ideas developed into drawings. Such portfolio will help graduates to demonstrate prospective employers acquired knowledge and skills.

The program consists of 680 hours of instruction and includes indepth classroom lectures, demonstrations and case studies.

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Bringing dreams within reach

DIPLOMA PROGRAM HIGHLIGHTS

- Microsoft Word
- Microsoft Excel
- Mathematics
- Civil Engineering Design Principles
- Structural Systems, Materials Technology and Specificati ons
- Drawing Fundamentals and Blueprint Reading
- Structural Mechanics Fundamentals
- Technical Report Writing and Presentation Skills
- Ontario Building Code
- Microstation
- AutoCAD Basic
- AutoCAD Advanced
- CAD Management
- Hands-on Project

CAREER OPPORTUNITIES

Graduates from this Diploma Program can Find Rewarding Careers as:

- Civil Designer/Drafter
- Civil Engineering Design Technologist
- Civil Engineering CAD Technician
- Design and Drafting Technologist
- CAD Drafter/Designer

DIPLOMA FEATURES

- Full ti me, evening program to get you trained and job ready in a shorter time.
- Small class sizes giving you maximum instructor time.
- You learn from experienced instructors.
- Learn the most common soft ware used by employers ensuring you can work successfully in any environment regardless of the soft ware used.
- In addition to theory, you receive practical hands-on training.

CIVIL DESIGNERS PERFORM NUMEROUS DUTIES INCLUDING:

- Prepare, read and interpret engineering design drawings, specifications and documentati on;
- Identify, formulate, and present creative civil design concepts;
- Apply principles of civil design in creating 2D/3D computer aided graphics;
- Solve practical design problems within the broad range of civil design projects;
- Select appropriate components of civil systems based on specified selection criteria;
- Review engineering design solutions and recommend enhancements;
- Assemble and manage comprehensive portfolios of design information related to projects;
- Prepare supplementary design documentation, notes and specifications;
- Demonstrate professionalism, informed judgment, ethical behavior and critical thinking skills;
- Communicate effectively with appreciation of collaboration challenges in multicultural teams.

ADMISSION REQUIREMENTS*

- OSSD or equivalent or mature student status (with acceptable CAAT scores)
- ESL 7 or higher (if English is spoken as a second language)

*** An admission interview will be conducted to ensure you meet the necessary entry requirements as well as to ensure you have the necessary apti tude, motivation and interest in the diploma program.**

JOB PLACEMENT ASSISTANCE

In addition to providing you with the necessary skills and knowledge to succeed in a Civil Engineering Design career, EPIC College of Technology also provides you with the coaching, job searching skills, resume preparation and job placement assistance to help you land the job you want to put your newly learned skills to work.

FINANCIAL ASSISTANCE AND FUNDING OPTIONS

Students in the Civil Engineering Design Diploma Program may be eligible for several diff erent sources of funding and financial assistance programs including: WSIB, EI, Second Career, bursaries and interest free installment plans administered by the college, bank loans, RRSP, RESP and employer sponsored educational programs.

Call us at 905.203.2500 for more options.