

Course Modules

- Computer Application for Engineering
- Business Communication
- Physics
- Fundamentals in Mathematics
- Foundation Engineering
- Masonry Structural Design
- Blue Prints and Engineering Drawings
- Engineering Law
- Geo Environment
- Primavera (P3) Project Management
- Timberline & Construction Estimation
- Building Science & Home Inspection
- Ontario Building Code
- Staad Pro 2007
- AutoCAD
- MicroStation
- Engineering Project
- Career Development for Engineers

Career Opportunities

Civil Engineering Technician, Civil Engineering Technologist, Construction Technologist, Foundation Technologist, Highway Technician, Structural Design Technologist, Structural Investigator, Building Material Technician, Home Inspector, Civil Engineering Drafter



North American College

730 Yonge Street, Suite 207,
Toronto, ON, M4Y 2B7
(One Block South of Bloor)

Call: 416-960-6024

Visit us at www.nacollege.com
email: info@naccollege.com

Convenient from East, West, North and South. At the intersection of Yonge and Bloor Subways

NAC information offices also located at

Scarborough Office
2100 Ellesmere Ave #101, Scarborough, M1H 3B7,
Phone: 416-960-6024

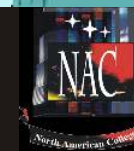
Lawrence Square Office
700 Lawrence Square W. (Lawrence Square) #428,
Toronto, M6A 3B4, Phone: 416-960-6024

Laid off, underemployed, EI active, EI reach back and Non EI-eligible recipients, maternity or parental benefit, SA and ODSP recipients may be eligible for funding for training.

Financial Assistance may be available to those who qualify

If you want a great career in Civil Engineering Technology this is the course for you

Civil Engineering Design and Technology



North American College
Information Technology

Registered as a private career college
under the Private Career Colleges Act 2005

Objectives and Description of the Program

Programs Offered at NAC

Graduates of Civil Engineering Design & Technology programs have demonstrated achievement of vocational learning outcomes which relate to engineering in general and civil engineering in particular that are necessary to perform their roles according to recognized civil engineering practices. This enables graduates to evaluate assignments, establish objectives, set parameters, and determine and implement appropriate procedures and actions. Graduates are able to adhere to applicable laws, to exercise due diligence in the workplace, to adhere to health and safety practices, and to work in accordance with labour-management principles and practices. Graduates are prepared to assume responsibility for their work and may work independently or interdependently as part of a civil engineering or multi-disciplinary team.

Graduates of the Civil Engineering Design & Technology diploma program are trained to:

- proposal development (construction of roads, bridges, sewers, water mains, and other infrastructure)
- cost estimation
- field work (materials testing and project administration)
- apply communication, documentation, computer applications, information technology, and teamwork skills to support the civil engineering activities of an organization

The graduates work in a wide range of settings in both large and small organizations and in a variety of sectors in the civil engineering industry. Their activities could have a very broad range: design of processes, infrastructure, or systems; interpretation or preparation of specifications, drawings, or instructions; sales and marketing; purchasing operations; maintenance; field and customer service; estimating; quality management; production control; and management and supervision of projects and training.

A special feature of this program is the "capstone" Engineering Technology Project course taken at the end of the third term which includes such topics as: project management concepts; needs identification techniques; proposed solutions preparation; the project life cycle; the project manager's responsibilities and skills; the effective project team; types of project organizations; project communications and documentation; project planning, scheduling, and control; resource considerations; and cost planning and performance evaluation. In this course, students have the opportunity to replicate an actual civil engineering project under the direction of NAC's instructors who are also practicing professional engineers.

Another feature is the Career Development course also taken in the final term which focuses on career planning and effective job search strategies, the techniques of researching companies, the basics of interviewing including a review of typical interview questions and role-playing, with all of this being presented and directed by senior practicing engineers who have direct and current experience with interviewing and hiring engineering technicians.

Admission Requirements

Applicants are to have an Ontario Secondary School Diploma or equivalent, although provision can be made for those who do not meet this requirement, are 18 years of age or older, and pass a qualifying test. Advance standing for up to 40% of the program is possible depending upon an applicant's previous education and/or work experience.

The amount of credit to be awarded is determined on an individual basis after an interview with the Program Director, a review of the applicant's history, and, if applicable, the applicant's results on a challenge examination.

Diploma Programs

Approved as a vocational program under Private Career Colleges Act 2005

Business	Health Sciences
Accounting and Finance Computerized Accounting Business Administration Administrative Assistant Legal Administrative Assistant	Electrolysis Esthetics Esthetics/New Technologies Esthetics/Electrolysis Pharmacy Assistant Medical Office Assistant Personal Support Worker Early Childcare Assistant
Engineering	
Mechanical Engineering Design & Technology Civil Engineering Design & Technology	

Professional Development & Skill Upgrading Software

Does not require approval under the Private Career College Act 2005

Software Training for Mechanical Engineering	Software Training for Civil Engineering
AutoCAD Autodesk Inventor CATIA Geometric Dimensioning and Tolerancing (GD&T) and Finite Element Method (FEM) MicroStation SolidWorks Unigraphics	AutoCAD Building Science & Home Inspection Software Construction Estimating Geo Environment Software MicroStation Primavera (P3) Project Management Staad Pro Timberline Software
Software Training for PLC & Robotics	Bank Teller Program
Advanced Control Systems AutoCAD Electrical PLC and HMI (Allen Bradley) PLC and Servo Controllers (Allen Bradley) PLC and Motion Control (Omron) PLC (Siemens) Robotics (ABB)	Canadian Banking System Customer Analysis-Knowing your customers Deposit Products Loan Products Cheques / Travelers Cheques Identification Deposits and Withdrawals Money Orders Credit Card Cash Advance

Our graduates' placement rate is excellent