

Database administrators develop and implement data administration policy, standards and models. They are employed in information technology consulting firms and in information technology units throughout the private and public sectors.

They may perform some or all of the following duties:

- Develop and implement data administration policy, standards and models
- Research and document data requirements, data collection and administration policy, data access rules and security
- Develop policies and procedures for network and/or Internet database access and usage and for the backup and recovery of data
- Conduct research and provide advice to other information systems professionals regarding the collection, availability, security and suitability of data
- Write scripts related to stored procedures and triggers ! May lead and coordinate teams of data administrators in the development and implementation of data policies, standards and models

Database Administrators primarily work in offices or laboratories, spending the majority of their time in front of a computer. Most work full-time although overtime or weekend work may be required to meet deadlines or solve specific problems.

Telecommuting is possible in this occupation, depending on the employer's flexibility. Work expectations from employers are high as organizations are heavily dependent on effective databases and there can be significant pressure to ensure that they operate smoothly.

Career Opportunities

Oracle Database Administrator, Data Custodian, Data Dictionary Administrator, Database Analyst, Database Architect, Data Warehouse Analyst, Database Developer Modules

- Oracle Database: Fundamentals of SQL
- Oracle Database: Administration I
- Oracle Database: Administration II
- Oracle DBA Project
- Microsoft Access and Excel
- Linux for Oracle Database Administrators
- Microsoft SQL Server: Implementation and Maintenance
- Career Development

Also available at the Scarborough Campus

Advanced Esthetics

We offer an Advanced Esthetics program at both of our campuses. If you are interested in working in the skin and body-care field, full details on our 48 week program are available on our website.

Clinical Research

Visit our website to find out about our newest program, Clinical Research, that provides training relating to surveys, studies and projects to determine the safety and effectiveness of medications, devices, diagnostic products and treatment regimens intended for human use.

(Approved as a vocational program under Private Career Colleges Act, 2005)

Healthcare Faculty

- Early Childcare Assistant **
- Advanced Esthetics **
- Food Service Worker **
- Medical Office Assistant
- Personal Support Worker (Certificate) **
- Pharmacy Assistant
- Clinical Research ***

Business Faculty

- Accounting and Finance
- Administrative Assistant
- Business Administration
- Computerized Accounting
- Computerized Accounting (Oracle Financials) **
- Legal Administrative Assistant

**Available at Toronto and Scarborough campus

***Available at Scarborough campus only

Professional Development & Skill Upgrading Programs & Training *

* (Do not require approval under the Private Career College Act, 2005)

- Software Training for Mechanical Engineers
- Software Training for Civil Engineers
- Software Training for Advanced PLC & Robotics
- Bank Teller Preparation Program



Toronto Campus

Address: 730 Yonge Street, Suite 207,

Toronto, ON M4Y 2B7

Email: info@nacollege.com

Scarborough Campus

Address: 2100 Ellesmere Road, Suite 101,

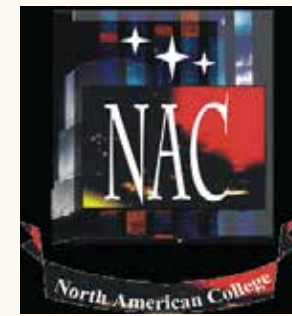
Scarborough, M1H 3B7

Email: infosc@nacollege.com

To learn more about our programs and admission requirements, call us or visit our website.

www.nacollege.com

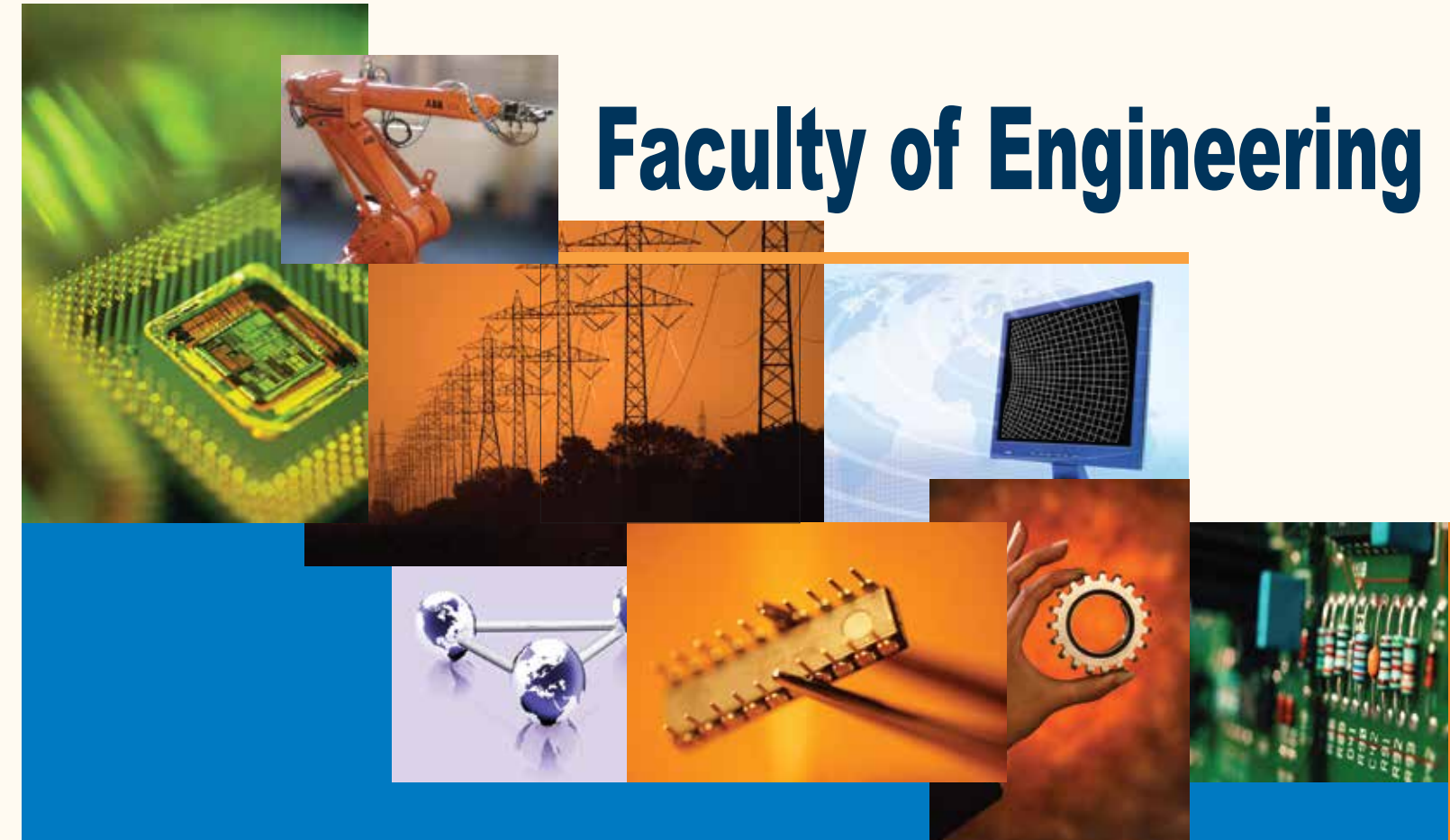
Ph: 416-960-6024



North American College

of Information Technology

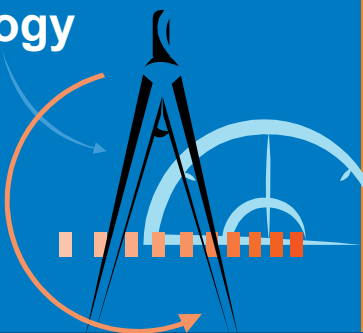
Business - Technology - Healthcare



Faculty of Engineering

Diploma Programs

- Electrical and Electronic Engineering Design & Technology
- Civil Engineering Design & Technology
- Mechanical Engineering Design & Technology
- Computer Network Engineering Design & Technology
- Oracle Database Administration



Electrical and Electronic Engineering Design & Technology

This program provides graduates with exposure to a range of electrical engineering functions, such as designing or adapting, analyzing, troubleshooting, commissioning, installing and repairing a variety of electrical circuits, equipment, and systems, under the supervision of a qualified person. Graduates have also had exposure to quality control and assurance programs and have applied communication, documentation, computer applications, information technology, and teamwork skills to support the electrical 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 electrical engineering industry. Their activities could have a very broad range: power distribution and utilization; electrical power generation, transmission, and protection; industrial telecommunications; electrical maintenance and installation; and automation systems.

Graduates of the Electrical and Electronic Engineering Design & Technology diploma program are trained in:

- designing or adapting a variety of electrical circuits, equipment, and systems under supervision
- analyzing, troubleshooting, commissioning, installing and repairing a variety of electrical circuits, equipment, and systems under supervision
- implementing quality control and assurance programs
- applying communication, documentation, computer applications, information technology, and teamwork skills to support the electrical engineering activities of an organization

1st Term (Weeks: 12, Hours: 246)

Computer Applications for Engineering, Business Communication, Physics, Mathematics

2nd Term (Weeks: 12, Hours: 246)

Electronics and Digital Circuits, Fundamentals of Fluid Mechanics, Pneumatics and Vacuum Systems, Electrical Circuit Analysis and Machinery

3rd Term (Weeks: 28, Hours: 574)

General Work Shop, PLC and HMI (Allen Bradley), PLC and Servo Controllers (Allen Bradley), PLC and Motion Control (Omron), PLC (Siemens), Robotics Advanced Control Systems, AutoCAD Electrical, Introduction to the Canadian Electrical Code, Engineering Project, Career Development for Engineers

Career Opportunities

Electrical Engineering Technician or Technologist, Electronics Design Technologist, Automotive/Electronics Engineering Technician/Technologist, Production Support Technician, Panel Assemblers, Robotics Control Technician

Computer Network Engineering Design & Technology

This program provides graduates with an ability to work individually or as part of a team to design and implement information technology solutions that correspond to the day-to-day requirements of individuals and organizations. Their activities could have a very broad range, such as: maintain, troubleshoot and administer the use of local area networks; Evaluate and install computer hardware, networking software, operating system software and software applications; provide problem-solving services to network users; install, maintain, troubleshoot and upgrade Webserver hardware and software; implement network traffic and security monitoring software, and optimize server performance; perform routine network start up and close down and maintain control records; conduct tests and perform security and quality controls Graduates of the Computer Network Engineering Design & Technology diploma program are trained in:

- supporting the use of computers and networks design and implement information technology solutions
- monitoring network operations
- assessing security solutions
- applying communication, documentation, computer applications, information technology, and teamwork skills to support the computer activities of an organization

1st Term (Weeks: 12, Hours: 246)

Computer Applications for Engineering, Business Communication, Physics, Mathematics

2nd Term (Weeks: 12, Hours: 246)

Hardware and Operation System - Essentials, Advanced Hardware and Software Applications, CCNA, Administration of Microsoft Windows

3rd Term (Weeks: 28, Hours: 574)

Windows Server 2008 Active Directory, Network Infrastructure: Basic and Advanced, Applications Infrastructure -Configuration and Administration, Windows Server Enterprise Administration - Introduction and Advanced, CCNA - (Voice), Computer Networks and Systems Project, Career Development for Engineers

Career Opportunities

Computer Network Technician, Network Technician Supervisor, Computer Operations Supervisor, Data Centre Operator, LAN Administrator/Technician, Network Administrator/Controller/Operator/Support Analyst

Also available at the Scarborough Campus

Civil Engineering Design & Technology

This program 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 in:

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

1st Term (Weeks: 12, Hours: 246)

Computer Application for Engineering, Business Communication, Physics, Mathematics

2nd Term (Weeks: 12, Hours: 246)

Blue Prints and Engineering Drawings, Foundation Engineering, Masonry Structural Design, and Engineering Law

3rd Term (Weeks: 28, Hours: 574)

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

Another special feature of all engineering programs is the “capstone” project course taken at the end of the program 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 module, students have the opportunity to replicate an actual project under the direction of NAC's instructors who are also practicing professionals.



Why Choose North American College?

Visit www.naccollege.com for testimonials from some of our graduates

A special feature of all our engineering programs is the Career Development for Engineers course 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. All of this is presented and directed by senior practitioners who have direct and current experience with interviewing and hiring.

Giving you the knowledge and skills to compete in today's challenging world of technology!