



PHARMACEUTICAL AND BIOTECHNOLOGY ADVANCED DIPLOMA

With production exposure

Durations

Full-Time **48** Weeks

Part-Time **116** Weeks

This comprehensive postgraduate diploma program has been designed to meet the requirement and demands of the industrial standards set by potential employers. It covers a wide range of pharmaceutical and biotechnological skill development in QA, QC, R&D, formulation, technology transfer, validation and regulatory affairs

ADMISSION REQUIREMENTS:

- More than 18 years old
- Degree/Diploma: Science or Engineering or Equivalent
- In addition, international students with the exception of students from English speaking countries require IELTS score 6 or equivalent.

PROGRAM FEE:

Tuition Fee: \$12,000, Books/Material Fee: 1,400, Lab/ PPE Fee: \$2,500, International Student Fee:\$1,200 (if applicable).

PROGRAM HIGHLIGHTS:

- Hands-on Training
- Optional Job Assistance for co-op, internship and full-time opportunities within pharmaceutical and biotechnology and related sectors

PROGRAM OUTLINE:

- Good Manufacturing & Good Clinical Practices
- Introduction to Laboratory Testing & GLP
- Dissolution & Hands-on Training
- High-Performance Liquid Chromatography (HPLC)
- Gas Chromatography (GC)
- HPLC & UV for Dissolution: Method Development & Method Validation
- GC & UV Spectrometer: Method Development & Method Validation
- Pharmaceutical and Biotechnology Formulation & Validation Technology
- Collective Validation
- Cleaning & Sterile Validation
- Packaging Validation & Packaging Components
- Process Validation
- Introduction to Regulatory Affairs
- Professional Regulatory Affairs
- Introduction to Clinical Studies
- Scientific Technical Writing

PROGRAM HIGHLIGHTS:

- Quality Control and Quality Assurance
- Formulation
- Technology Transfer
- Validation
- Regulatory Affairs
- Clinical Research

JOB PROSPECTS:

- QC Analysts
- QA Associates
- Technical Writers
- Regulatory Affairs Associates
- Validation Specialists
- Validation Scientists
- Validation Engineers
- Process Scientists
- Research and Development Scientists

GET IN TOUCH - Mississauga Campus

25 Watline Ave, Suite #201 Mississauga, ON L4Z 2Z1

Inquiry: 416-412-7374 **Text:** 647-998-7374

Email: info@NacptPharmaCollege.com

GET IN TOUCH - Toronto Campus

5310 Finch Ave East, Unit #9, Toronto, ON M1S 5E8

Inquiry: 416-412-7374 **Text:** 647-998-7374

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