



NACPT
NORTH AMERICAN COLLEGE
PHARMACEUTICAL & TECHNOLOGY

POST-SECONDARY DIPLOMA

CANNABIS QUALITY CONTROL AND QUALITY ASSURANCE

ADMISSION REQUIREMENTS

High School graduate with
Biology/Chemistry and
Mathematics or equivalent
elective;
Students at the age of 18 or
above

Program Code: IND.CAN.PROT.DIP

Program Duration: 35 Weeks of
Training, with 4 Weeks of Optional
Job Assistance Program

Inquiry: 416-412-7374

Call / Text: 647-998-7374

info@nacptpharmacollege.com

Program Outline

SEMESTER 1

CANQ001 – Cannabis Good Production Practices

- This course covers all cannabis good production practices along with SOP writing, all related regulations such as GACP, HACCP, GVP, SGCR, PCP, EU-GMP and related topics with live projects and case studies.

CANQ002 – Introduction to Cannabis Laboratory Testing

- This course covers cannabis chemistry, cannabinoids, terpenes, analytical, biological and physical testing regulatory requirements for mandatory and non-mandatory testing, testing methods, and testing instrumentation, testing methods, CofAs and related topic with live projects and case studies.
- Students will have hands-on live demonstrations in the cannabis testing laboratory.

CANQ008 – Cannabis Plant Science

- This course covers cannabis history, anatomy, plant functionality, spread, evolution, how cannabis works in human systems and related topic with live projects and case studies.
- Students will have hands-on training or online satellite training with cannabis plants

CANQ0013 – Cannabis Regulations

- This course covers the history of cannabis and related regulations, regulatory frameworks, current cannabis regulatory requirements for production, security, testing, product release, supply chain and related topics with live projects and case studies.

CANQ009 – Cannabis Quality Assurance System

- This course covers all major quality assurance systems for the cannabis industry including quality control, sanitation, IPM, audit and inspection, document control system, and related topic with industrial projects and case studies.

SEMESTER 2

CANQ005 – Development of Cannabis Standard Operating Procedures

- This course covers GPP/GMP regulatory requirements for SOPs, benefits of SOPs, types of SOPs, how to create SOP templates, who can write SOPs, how to effectively write SOPs and related topics with industrial projects and case studies.

CANQ006 – Cannabis Good Documentation Practices

- This course covers Good Documentation Practices (GDP) fundamentals, developing GDP procedures, GDP applications for the cannabis industry, and how to comply with GDP regulatory and audit requirements within cannabis processes, procedures, documentation, records, policies, protocols, reports, and so on.

- The students will be able to do various GDP case studies to apply the learned skills and knowledge within cannabis companies.

CANQ007 – Cannabis Scientific Technical Writing

- This course covers GPP/GMP regulatory requirements for SOPs, benefits of SOPs, types of SOPs, how to create SOP template, who can write SOPs, how to effectively write SOPs, gap analysis, CAPA, change control system, deviation, OOS, protocols, reports and related topic with industrial projects and case studies.

CANQ003 – High Performance Liquid Chromatography

- This course covers cannabis analytical testing requirements, HPLC/DAD chromatographic system, HPLC 1100 instrumentation, product sample, standard and mobile preparation, setting the HPLC system for testing, chemstation software training, running sequences, troubleshooting, data analysis and report writing.

SEMESTER 3

CANQ004 – Gas Chromatography

- This course covers cannabis analytical testing requirements, GC/FID chromatographic system, GC instrumentation, headspace, product sample, standard and mobile preparation,

setting the GC system for testing, residual solvent testing, chemstation software training, running sequences, troubleshooting, data analysis and report writing.

CANQ0010 – Cannabis Audit and Inspection

- This course covers different types of audit and inspection processes for the cannabis industry, preparation for audit and regulatory inspection working with inspectors, inspection observations and warning letters, inspection reports, responding to inspection comments and related topics with industrial projects and case studies.

CANQ0011 – Quality Assurance for Cannabis Plant Biotechnology

- This course covers quality assurance systems for the cannabis biotechnological cannabinoid production process, tissue culture, benefits and future trends of the biotechnological process and related topics with live projects and case studies.

CANQ0012 – Cannabis Licensed Producer Application

- This course covers the various cannabis licensing processes, preparation for licensing processes, licensing submission, security clearance process, CTLS, follow-ups, responding to Health Canada correspondence and mock licensing process and case studies.

CANQ0014 – Cannabis Quality Management System

- This course covers the fundamentals of Quality Management systems (QMS), quality assurance, and quality control systems for the cannabis industry. It also covers all of the key and significant quality management systems for cannabis, including how to plan, create, implement, monitor, and control all of the industry's quality management systems. This training will be beneficial to those who need to work in critical roles inside cannabis businesses.
- The students will develop quality management systems, manuals and so on, via various projects and case studies.

***Industrial Workshops – Industrial workshops will be included in the programme, where students will work closely with the institution to get industrial experience.**

For more questions visit us at

Toronto Campus

9-5310 Finch Ave East Toronto, ON M1S 5E8

Mississauga Campus

201 - 25 Watline Ave, Mississauga, ON L4Z 2Z1

Contact Us

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