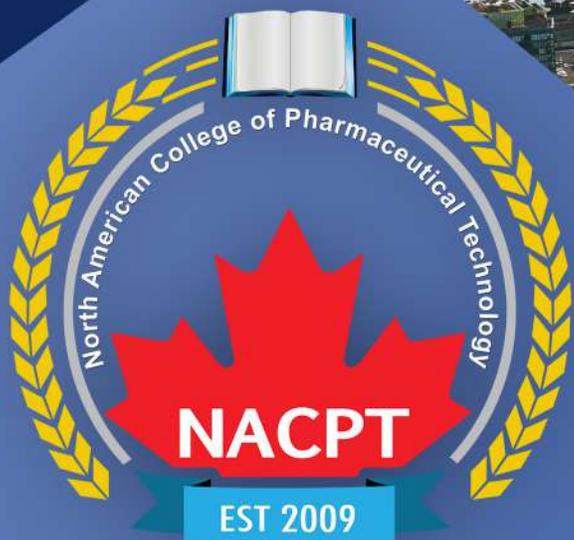


NORTH AMERICAN COLLEGE OF PHARMACEUTICAL TECHNOLOGY

CANADA'S ONLY
GOVERNMENT APPROVED
CANNABIS DIPLOMA
PROVIDER





WHO ARE WE ?

NACPT Pharma College is registered as a private career college under the Private Career Colleges Act, 2005 under the Ministry of Training, Colleges and Universities. The college has been operating as North American College of Pharmaceutical Technology (NACPT) since 2009. NACPT Pharma College has two campuses in Ontario, located in the heart of the cities of Toronto and Mississauga, Ontario.

NACPT Pharma College was established to serve the needs of ever increasing skill development training in pharmaceutical, cannabis and related healthcare fields, to supplement industrial job-related inadequacies, which hereby facilitates a smooth transition towards an ultimate career aspiration and business targets.

NACPT Pharma College is an international Designated Learning Institution (DLI) by Immigration, Refugees and Citizenship Canada to provide training and education for international students.

ACCREDITATIONS



GRADUATE EMPLOYERS





TABLE OF CONTENTS

2	WHO ARE WE?
4	CANADA'S CANNABIS JOB PROSPECTS
5	OUR MISSION
6	OVERVIEW OF CERTIFICATE TRAINING
22	WHO SHOULD ATTEND?
23	TRAINING TEAM
24	CANNABIS DIPLOMA PROGRAMS
25	CANNABIS QUALITY CONTROL AND QUALITY ASSURANCE
27	INDUSTRIAL CANNABIS PRODUCTION TECHNOLOGY
29	OTHER PROGRAMS
30	FINANCIAL AID PROGRAMS
31	VALIDATIONTECH INC
32	DEAN'S MESSAGE
33	INTERNATIONAL MEDICAL CANNABIS ASSOCIATION (IMCA)



CANADA'S CANNABIS JOB PROSPECTS

The Cannabis Regulation Act essentially reintroduces some key aspects of the ACMPR and MMAR with the mandate of improving access to Medical Cannabis. In October 2018, the cannabis regulations came into effect, with the intention of providing regulated access to Medical Cannabis in the various forms such as fresh or dried cannabis, oil, buds and seeds for recreational purposes.

The Canadian cannabis market is expected to grow quickly based on various market research and industry reports. According to market research performed by NACPT Pharma College in 2019 It has been demonstrated that employers are trying to set-up the cannabis process validation standards and Quality Management Systems (QMS) while educating their employees as per the GMP, GPP, GACP and other regulatory and industry requirements and standards. Education and training are the essential elements to provide successful pathways to employers in terms of solid performance in a competitive market, integrating their employees with appropriate skill sets and recognized credentials as per the Health Canada standards and regulations.

"The Professional Series of Cannabis Training is developed by NACPT Pharma College's industrial expert team as per the Canadian government regulatory requirements and cannabis industrial standards to address the growing need for education and training in the cannabis sector."

*- Rathi Param,
Dean of NACPT Pharma College*



Series of Cannabis Webinars

Now NACPT Pharma College is offering all the major cannabis certificate training through interactive webinars. The webinars details can be obtained at the college website:

www.naptpharmacollege.com

Contacts us today to get the updated schedule of up-coming series of cannabis webinars.

To provide a Professional Series of Cannabis Certificate training focusing on various modules:

- ✓ How to grow Cannabis legally
- ✓ How to become a Licensed Producer (LP)
- ✓ Quality Assurance Person (QAP)
- ✓ Responsible Person (RP)
- ✓ Master Grower (MG)
- ✓ Head of Security (HS)

OUR MISSION



We can provide the necessary skills for you to succeed in the Cannabis Sector !

In only 1 to 5 days you can have all the information you need.

Alternatively, NACPT offers Canada's only cannabis diploma programs in Ontario at both our campuses in just 8 months.

Various practices and processes related to pharmaceutical, medical and recreational cannabis, and cannabis infused product development. This series covers:

- ✓ Good Production Practices (GPP)
- ✓ Good Documentation Practices (GDP)
- ✓ Good Manufacturing Practices (GMP)
- ✓ Good Agricultural Collection Practices (GACP)
- ✓ Good Validation Practices (GVP)
- ✓ Process related validation analytical testing
- ✓ Sanitation programs
- ✓ Clinical research activities
- ✓ Regulatory and legal realities associated with the start-up companies and medical practitioners.



OVERVIEW OF CERTIFICATE TRAINING

PROFESSIONAL SERIES OF CANNABIS TRAINING



CAN0001: Cannabis Plant Science



OVERVIEW: PLANT BIOLOGY AND FUNCTION

- ✓ Unveiling the therapeutic potentials from cannabis plant
- ✓ Cannabis treated illnesses or symptoms
- ✓ Why medical cannabis is legally available for medical purposes?
- ✓ How does medical cannabis work?
- ✓ Fundamental understanding of how plants grow and function
- ✓ Plant anatomy and the structure/function
- ✓ Importance of plant cells and tissues
- ✓ The hormones which regulate plant growth and development
- ✓ Human endocannabinoid system
- ✓ The phytocannabinoids found in cannabis
- ✓ The promise shown by terpenes to further modulate their actions.





OVERVIEW

Cannabis facility management and security requirements of full-scale production operation with appropriate techniques and cannabis regulatory requirements.

- ✓ Plans and Operations
- ✓ Maintenance

- ✓ Communications
- ✓ Quality and Reporting
- ✓ Disaster Recovery
- ✓ Sustainability
- ✓ HR and Suitability Assessments
- ✓ Compliance and TRAs
- ✓ Systems Design and SOPs
- ✓ Threat Risk Assessment
- ✓ Suitability Community Studies
- ✓ Zoning by-Laws
- ✓ Effective Surveillance and Alarm
- ✓ Access Control System
- ✓ Incident Management System

CAN0002B: Cannabis Head of Security



OVERVIEW

A holder of a licence, other than a licence for analytical testing or a licence for research, must retain the services of one individual as the head of security.

- ✓ SOPs, Organizational Security Plan, and Physical Security Plans, Budgets, P&L, and Procurement
- ✓ Security Systems (Cameras, Card Readers, Intercoms, Alarms) and Safety Supplies
- ✓ Access protocols for employees, visitors, and contractors
- ✓ Risk Assessments
- ✓ Incident reports, statistics, audits, inspections, Cannabis Tracking (CTLS)
- ✓ Emergency Incident Response (Fire, Bomb Threat, Power Loss, Suspicious Activities)
- ✓ Workplace Violence / Harassments
- ✓ Security Awareness Training Delivery
- ✓ Product Security - transport and storage
- ✓ Cyber Attacks, Business Continuity, Theft and Loss Control
- ✓ Concluding remarks, test and case study



CAN0002C: Cannabis Responsible Person

OVERVIEW

Responsible person is a key person for the LP to oversee all activities which requires technical knowledge, skills and management skills.

- ✓ Responsibility for supervising the activity on-site
- ✓ RP, QAP, QPIC, A/QPIC, HS and MG
- ✓ Ensuring that activities comply with the Regulations
- ✓ Requirements of Cannabis Act and the Regulations
- ✓ Convictions requirements and clearance
- ✓ Handling of Class A precursors
- ✓ Risk of those precursors being diverted to illicit market or use
- ✓ Cannabis Facility Management, Security and Risk Assessment



CAN0003: Marketing and Sales for Medical Cannabis Sector

Overview: Marketing, Sales, and Patient Acquisition Strategies

- ✓ Review Health Canada Marketing Regulations
- ✓ Create and implement branding strategies
- ✓ Customer privacy and ethics
- ✓ Target markets, domestic and international
- ✓ Case studies



CAN0004: Quality Assurance for Cannabis



OVERVIEW

Mandatory QA itemized requirements as per cannabis quality assurance system, regulations and quality management system.

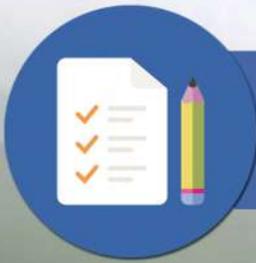
- ✓ An Overview of Cannabis Regulations
- ✓ Cannabis Quality Assurance System
- ✓ Cannabis Quality Management System (QMS)
- ✓ Cannabis Quality Control and Analytical Testing
- ✓ Cannabis Security Requirements
- ✓ Cannabis Agricultural Collection Practices (GACP)
- ✓ Good Production Practices (GPP)
- ✓ Good Documentation Practices (GDP)
- ✓ Good Manufacturing Practices (GMP)
- ✓ Record Keeping for Cannabis
- ✓ Complaints and Recalls for Cannabis
- ✓ Cannabis Sanitation Program and Sanitation Validation
- ✓ Deviation/OOS Procedures
- ✓ Cannabis Self-Inspection (Audit) and Regulatory Inspection

CAN0005: Effective Technical Writing for Cannabis Sector



Overview: Creating technical procedures, templates, protocols for medical cannabis products. Investigating and implementing CAPA, gap analysis and change controls.

- ✓ Types of technical documents and communications
- ✓ Required list of SOPs (Quality Assurance, Operational and Production SOPs)
- ✓ Overview of regulatory requirements (GMP and Cannabis Regulations Act)
- ✓ Creating SOP Template
- ✓ SOP writing and ensuring the flow of the document
- ✓ Writing tips for a concise, unambiguous document
- ✓ SOP system implementation process
- ✓ Deviation, Out of Specification (OOS) and Out of Trend (OOT)
- ✓ Investigation process
- ✓ Testing procedures and Certificate of Analysis (CofAs)
- ✓ Corrective and Preventive Actions (CAPA)
- ✓ Gap analysis
- ✓ The Change Control System related to SOP
- ✓ Case studies



CAN0006: Current Sanitation Requirements for Cannabis Sector

Overview: Developing sanitation procedures, records, pest controls, training program, inspection and investigation for cannabis facilities and equipment.

- ✓ Cannabis regulatory sanitation requirements
- ✓ Expectation and current guidance
- ✓ Objectives of Cleaning and Sanitation
- ✓ Approved list of detergents
- ✓ Cleaning and Sanitation Program for production
- ✓ Cleaning and Sanitation Procedure (SOP) for storage
- ✓ Cleaning and Sanitation Procedure (SOP) for extraction
- ✓ Self-Inspection Procedure
- ✓ Cleaning and Sanitation Records
- ✓ Cleaning and Sanitation Verification
- ✓ Deviation, Out of Specification and CAPA
- ✓ Training of personnel and record keeping
- ✓ Cleaning agents and cleaning validation
- ✓ Pest Control Management
- ✓ Case study

CAN0007: Cannabis Related (cGPP), (GACP) and (cGDP)



Overview: Cannabis Related Current Good Production Practices (cGPP), Good Agricultural Collection Practices (GACP) and Current Good Documentation Practices (cGDP). GPP and GDP for cannabis production, cultivation, oil extraction and product development process.

- ✓ Plant propagation Good Production Practice (GPP)
- ✓ Good Agricultural Collection Practices (GACP)
- ✓ Plant cultivation Good Production Practice
- ✓ Plant drying Good Production Practice
- ✓ Plant Good Production Practice oil extraction practices
- ✓ Batch record Good Documentation Practice (GDP)
- ✓ Tracking Good Documentation Practice
- ✓ Testing Good Documentation Practice
- ✓ Destruction Good Documentation Practice
- ✓ Compliant Good Documentation Practice
- ✓ Recall Good Documentation Practice
- ✓ Investigation Good Documentation Practice



CAN0008: Cannabis Investment and Entrepreneurship in Canada (Non-Certificate)

Overview: Investing in Cannabis Businesses in Canada

- ✓ Introduction to medical cannabis industry
- ✓ Investment opportunities
- ✓ Starting a cannabis business
- ✓ Legal realities
- ✓ Networking and consulting instruction



CAN0009: Analytical Laboratory Testing in Cannabis Sector

OVERVIEW

Cannabis method development, method validation, raw material and finished product testing.

- ✓ Raw material and in-process testing requirements
- ✓ Finished product testing requirements
- ✓ Testing techniques
- ✓ Specifications & regulatory requirements
- ✓ Qualifying raw materials
- ✓ Instrumentation
- ✓ Data analysis
- ✓ Testing Software
- ✓ Method development and validation
- ✓ OOS and OOT Report
- ✓ Certificate of Analysis (CofAs)

CAN0010: Clinical Trial Monitoring for Medical Cannabis Products



Overview: Adequate level of clinical trials, regulations and standards for medical cannabis clinical trials.

- ✓ Objective of clinical trials
- ✓ Regulatory requirements
- ✓ Phases of clinical trials
- ✓ Protocol developments
- ✓ Data managements
- ✓ Privacy and ethics
- ✓ Project management



CAN0011: Cannabis Process Related Validation

Overview: Cannabis process related validation covers the qualification of seed, cultivation, and process performance qualification along with packaging, cleaning and system validation overview.

- ✓ Current FDA/Health Canada regulations
- ✓ Facility/utility/computer validation
- ✓ Packaging/Cleaning/Method validation
- ✓ Writing validation protocol
- ✓ Sampling and testing plan
- ✓ Bulk hold time study/Stability study
- ✓ Case studies





CAN0012: Training for Nurse/Medical Practitioners in Regards to Medical Cannabis Prescriptions

- ✓ Determining what type of product would be beneficial to treat their medical condition
- ✓ Information about the education that should be given to patients to assist them to make good choices for their cannabis consumption
- ✓ Cannabis drug controls
- ✓ Cannabis drug monitoring
- ✓ Cannabis drug administration
- ✓ Report adverse effects
- ✓ Good documentation practices and forms
- ✓ Current FDA/Health Canada regulations

OVERVIEW

An overview of the process of assessing patient's suitability for cannabis products.

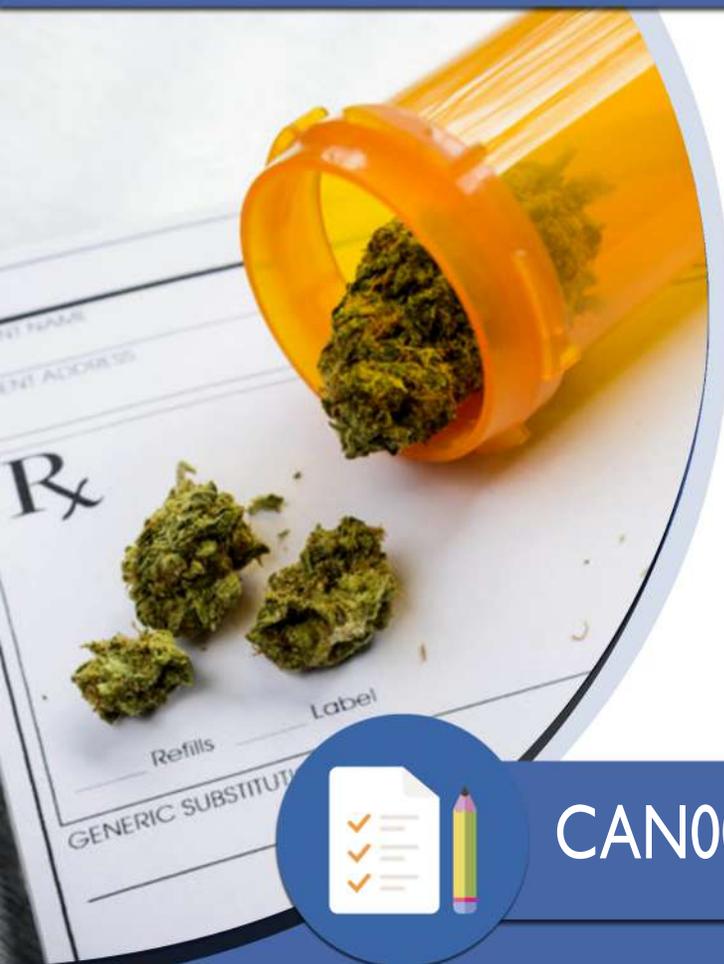
CAN0013: Cannabis Infused Product Development



Overview: An overview about cannabis infused products and demos which will help students to get an idea of cannabis product development in Canada.

- ✓ Edibles
- ✓ Cosmetic
- ✓ Nutraceutical
- ✓ Medical Device
- ✓ Demos

CAN0014: Health Canada Current Cannabis Acts and Licensing Processes



Overview: Helping to understand Health Canada LP Application.

- ✓ Cannabis Regulations and Act Overview
- ✓ Developing LP application
- ✓ Regulatory requirements
- ✓ Document list
- ✓ Compliance program
- ✓ Case studies



CAN0015: Cannabis Plant Biotechnology

- ✓ Principles for in-vitro culture
- ✓ Propagation phases and start-up of a healthy culture
- ✓ Scale-up in fermenters
- ✓ Production and characterization of cannabinoid terpene secondary metabolites
- ✓ Establishment and validation plan for the manufacturing process
- ✓ Quality assurance / Quality control of the process, in-process and release tests
- ✓ Critical Process Attributes, Critical Process Parameters and Material specifications for initial, in-process and final products in compliance with FDA/BGTD requirements
- ✓ Case Study

OVERVIEW

Fermentation scale-up for plant propagation and production of cannabinoid terpenes.



CAN0016: Medical and Recreational Cannabis at Workplace

Overview: This certificate is focused on a variety of aspects that will impact Canadian workplaces, and highlight practical implications, considerations, and best practices for employers. Learn from industry leaders and experts with practical advice and tips on how your organization can prepare for the new reality, anticipate potential pitfalls, and educate you on what to anticipate as Canada moves in this new direction.

- ✓ The implications and practical applications of Bill C-45—the Cannabis Act
- ✓ Understanding the potential impact on workplace productivity and safety
- ✓ The employer's duty to accommodate medical Cannabis in the workplace
- ✓ Private behavior and your public brand
- ✓ A critical look at workplace policies and procedures as they relate to the recreational use of Cannabis
- ✓ Testing into the workplace—can you or should you do it?
- ✓ The social implications within the workplace culture
- ✓ Best practices to engage all stakeholders
- ✓ HR Policies
- ✓ Case Studies

CAN0017: Insurance Coverage for Cannabis



Overview: Insurance companies must be able to research and understand exactly the hurdles that each collective, cooperative, dispensary and grower faces on an everyday basis.

- ✓ Insurance products and policies
- ✓ Insurance-related cannabis regulations
- ✓ Ancillary cannabis businesses
- ✓ Cannabis infused product manufacturers
- ✓ Cannabis dispensaries
- ✓ Cannabis events
- ✓ Cannabis growers
- ✓ Cannabis landlords
- ✓ Medical Cannabis physicians
- ✓ Legal realities
- ✓ Agents and brokers
- ✓ Recent successes
- ✓ Other related topics and case studies



CAN0018: Current Cannabis Audit and Inspection



Overview: Overview of the auditing and inspection process to be in compliance with Canadian regulations.

- ✓ Audits (internal and external)
- ✓ Self-inspection programs for process improvements
- ✓ Regulatory inspections
- ✓ Target, initial, pre-sale, and annual inspections
- ✓ Preparing for inspections
- ✓ Outcome of inspections
- ✓ Corrective and preventive actions (CAPA)
- ✓ Responding to inspection comments
- ✓ Change control process
- ✓ Gap analysis
- ✓ Sampling/testing
- ✓ Deviations, out of specification (OOS)
- ✓ Compliant procedures
- ✓ Recalls, returns, and re-processing
- ✓ Quality system manual
- ✓ Evaluation Review

CAN0019: Cannabis Master Grower



Overview: Cannabis growing regulatory requirements, GPP, effective growing techniques and tips.

- ✓ GPP, cannabis regulations act
- ✓ Managing a large-scale commercial facility
- ✓ Performing all the tasks in the growing process including:
 - ✓ Designing and maintaining nutrient recipes
 - ✓ Potting and transplanting
 - ✓ Cloning
 - ✓ Feeding plants
 - ✓ Pest management
 - ✓ Sanitation programs
 - ✓ Defoliation, Topping
 - ✓ Flushing, Trimming
 - ✓ Harvesting, Drying
 - ✓ Packaging
 - ✓ Foliar and preventative sprays
 - ✓ Waste disposal and inventory management
 - ✓ Representative sampling
 - ✓ Demos



CAN0020: Good Manufacturing Practice (GMP) for Cannabis Production

- ✓ GMP for cannabis production
- ✓ Regulatory requirements
- ✓ Self-inspection programs for process improvements
- ✓ Regulatory inspections
- ✓ Preparing for inspections
- ✓ Corrective and preventive actions (CAPA)
- ✓ Gap analysis
- ✓ Process map
- ✓ Responding to inspection comments
- ✓ Change control process
- ✓ Sampling/testing
- ✓ Deviations, out of specification (OOS)
- ✓ Compliant procedures
- ✓ Recalls, returns, and re-processing
- ✓ Quality documentation and system manual

OVERVIEW

Overview of the cannabis GMP related regulations and technical requirements and processes.



CAN0021: Cannabis Extraction Practices



Overview: Overview of the various cannabis extraction techniques, regulatory requirements, process efficiencies, sampling and testing requirements

- ✓ Extraction techniques
- ✓ Process improvements
- ✓ Sampling
- ✓ Testing
- ✓ Regulatory requirements



WHO SHOULD ATTEND?



CANNABIS PRODUCTION AND DISTRIBUTION

- Master Grower
- Extraction Technician
- Responsible Person
- Head of Security
- Greenhouse Managers
- Marketing Representatives



RESEARCH AND DEVELOPMENT (R&D), ANALYTICAL DEVELOPMENT (AD)

- Technicians
- Technologists
- Analysts
- Scientists
- Process Engineers



REGULATORY COMPLIANCE

- Licensed Producers
- Consultants
- Regulatory Affairs Associates

ACADEMIA

- Medical Students
- Pharmacy Students
- Science/Engineering Students
- Nursing Students



RECREATIONAL SECTOR AND MEDICAL CLINICS

- Medical Practitioners
- Nurse Practitioners
- Recreational Practitioners
- Homeopathy Practitioners

QUALITY CONTROL AND QUALITY ASSURANCE

- QA&QC Technician and Technologists
- Quality Assurance Managers
- Quality Control (QC) Managers
- Quality Person in Charge (QPIC)
- Quality Assurance Person (QAP)
- Alternative Quality Person in Charge (AQPIC)
- Technical Writers
- Consultants

TRAINING TEAM



The Professional Series of Cannabis Certificate Training is developed by NACPT Pharma College's industrial expert team as per the Canadian government regulatory requirements and Cannabis industrial standards to address the growing need for education and training in the Cannabis sector.

THE TRAINING IS PROVIDED BY:

- Cannabis Consultants from Various Areas
- CEO's of Cannabis Companies
- Former Health Canada Directors
- Production Directors
- Validation Specialists
- Senior Scientists
- Cannabis Product Developers
- Quality Assurance Persons
- Technical Writers
- Marketing Directors
- Senior Clinical Research Associates
- Cannabis Medical Doctors and Nurses



416-412-7374 x 1
416-875-7603

www.nacptpharmacollege.com

info@nacptpharmacollege.com

5310 Finch avenue East, Unit #10
Toronto, ON M1S 5E8
Canada



PROUDLY PRESENTS

CANADA'S 1ST CANNABIS DIPLOMA PROGRAMS

NACPT Pharma College launched two different unique Cannabis Diploma programs in Canada. The programs are Canada's first postsecondary diploma credential in "Industrial Cannabis Production Technology" and "Cannabis Quality Control and Quality Assurance". These programs will prepare students to lead cannabis companies and successful careers in the country's rapidly growing cannabis industry.

CANNABIS DIPLOMA PROGRAMS AVAILABLE AT NACPT PHARMA COLLEGE

**CANNABIS QUALITY
CONTROL AND QUALITY
ASSURANCE**

**INDUSTRIAL CANNABIS
PRODUCTION
TECHNOLOGY**





CANNABIS DIPLOMA PROGRAM

CANNABIS QUALITY CONTROL AND QUALITY ASSURANCE DIPLOMA PROGRAM



COURSE DURATION

35 weeks (8 months)
of training, industrial
workshops, 4 weeks of
breaks and 4 months
of optional job
assistance program



ADMISSION REQUIREMENTS

Minimum of grade 12
education with either
(Biology or Math)
or (Chemistry and Math).
Domestic and International
students are welcome to
apply at NACPT Pharma
College.



PROGRAM SUMMARY

The Cannabis Quality Control and Quality Assurance program is developed to provide the training and technical knowledge for the implementation of Quality Assurance in the Canadian Cannabis Industry. The program covers Good Production Practices including Quality Control – Specifications and Analytical Testing Requirements, the regulatory requirements for Quality Assurance Person (QAP), cannabis science, the fundamentals of Quality Management Systems in cannabis including policies, processes, procedures, their relationship to risk management, and the application of licensing under the Canadian Regulations.



PROGRAM OBJECTIVES

- ✓ Cannabis Good Production Practices
- ✓ Introduction to Cannabis Laboratory Testing
- ✓ High Performance Liquid Chromatography
- ✓ Gas Chromatography
- ✓ Development of Cannabis Standard Operating Procedures
- ✓ Cannabis Good Documentation Practices
- ✓ Cannabis Scientific Technical Writing
- ✓ Cannabis Plant Science
- ✓ Quality Assurance Role in Medical Cannabis Sector
- ✓ Cannabis Audit and Inspection
- ✓ Quality Assurance in Cannabis Plant Biotechnology
- ✓ Cannabis Licensed Producer Application
- ✓ Cannabis Regulations
- ✓ Cannabis Quality Management System

AFTER SUCCESSFUL COMPLETION OF THIS COURSE STUDENTS WILL BE ABLE TO:

- ✓ Meet Health Canada's requirements of the responsibilities of the Quality Assurance Person (QAP) in the Cannabis Industry
- ✓ Meet the Quality Control (QC) analyst for related sectors such as ensuring that the necessary criteria are met
- ✓ Perform relevant cannabis product tests are carried out and that products are not released for sale, until their quality has been determined to be satisfactory by confirming that products specifications are met.
- ✓ Develop cannabis technical procedures
- ✓ Design inspection and regulatory inspection methods for cannabis operation
- ✓ Develop current QA practices in cannabis biotechnology
- ✓ Establish quality management systems and risk management within cannabis companies for better performance

MEDICAL CANNABIS QA, QC JOB OPPORTUNITIES IN CANADA

- ✓ Responsibility Persons (RP)
- ✓ Quality Assurance Person (QAP)
- ✓ Quality Person in Charge (QPIC)
- ✓ Policy Makers/HR Associates
- ✓ Auditors
- ✓ Inspectors
- ✓ Technical Writers
- ✓ Technicians
- ✓ Analysts
- ✓ Cannabis Extractors
- ✓ Cannabis Consultants/Educators





CANNABIS DIPLOMA PROGRAM

INDUSTRIAL CANNABIS PRODUCTION TECHNOLOGY DIPLOMA PROGRAM



COURSE DURATION

35 weeks (8 months)
of training, field trips
and production exposure,
4 weeks of breaks and
4 months of optional job
assistance program.



ADMISSION REQUIREMENTS

Mature students can also
apply for this program.
Domestic and International
students are welcome to
apply at NACPT Pharma
College.



PROGRAM SUMMARY

The Industrial Cannabis Production Technology program is effectively designed to meet the program outcomes of equipping students with the appropriate level and knowledge to enter a position at a cannabis commercial production facility in Canada. Students who complete the program will understand how the regulatory framework in the Canadian cannabis industry applies to commercial production and students will be able to operate successfully at a cannabis production facility as well as in other careers where knowledge of cannabis commercial production is required.



PROGRAM OBJECTIVES

- ✓ Cannabis Plant Science
- ✓ Cannabis Regulations
- ✓ Cannabis Commercial Production Mechanisms
- ✓ Cannabis Plant Pathology
- ✓ Cannabis Facility Design
- ✓ Cannabis Security and Plant Management
- ✓ Cannabis Entomology and Pest Management
- ✓ Cannabis Sanitization Program
- ✓ Cannabis Good Production Practice
- ✓ Cannabis Analytical Chemistry
- ✓ Cannabis Supply Chain
- ✓ Cannabis Commercial Process Qualifications
- ✓ Cannabis Plant Biotechnology
- ✓ Cannabis Quality Management Systems
- ✓ Cannabis Infused Product Development
- ✓ Cannabis Production Exposure

AFTER SUCCESSFUL COMPLETION OF THIS COURSE STUDENTS WILL BE ABLE TO:

- ✓ Design and establish effective cannabis facility for production
- ✓ Produce quality cannabis product as per the regulatory standard.
- ✓ Comply with cannabis regulatory standards
- ✓ Comply with current cannabis production technology
- ✓ Control cannabis diseases in effective manner
- ✓ Controls cannabis pests as per regulatory standards
- ✓ Establish effective cannabis sanitation program
- ✓ Develop current cannabis good production practice procedure
- ✓ Test cannabis products as per the regulatory standards
- ✓ Establish supply chain market trends
- ✓ Develop appropriate process qualification methods for cannabis production
- ✓ Identify the cannabis biological production methods in current commercial production
- ✓ Establish quality management systems within cannabis companies for better performance

MEDICAL CANNABIS QA, QC JOB OPPORTUNITIES IN CANADA

- ✓ Responsibility Persons (RP)
- ✓ Head of Security (HP)
- ✓ Quality Assurance Person (QAP)
- ✓ Qualified Person in Charge (QPIC)
- ✓ Policy Makers/HR Associates
- ✓ Process Engineers/Scientists
- ✓ Product Developers
- ✓ Clinical Research Associates
- ✓ Technical Writers
- ✓ Cannabis Master Production Growers (MG)
- ✓ Technicians/ Analysts
- ✓ Cannabis Extractors
- ✓ Sales And Marketing Associates
- ✓ Cannabis Consultants/Educators



OTHER PROGRAMS

NACPT Pharma College also has comprehensive postgraduate and diploma programs that cover a wide range of pharmaceutical and bio-pharmaceutical areas.



PHARMACEUTICAL DIPLOMA PROGRAMS

Industrial Pharmaceutical and Bio-Pharmaceutical Quality Control and Quality Assurance

Industrial Pharmaceutical and Bio-Pharmaceutical Manufacturing Formulation and Validation Technology

POST-GRADUATE PHARMACEUTICAL DIPLOMA PROGRAMS

Industrial Pharmaceutical and Bio-Pharmaceutical Modern Technology

Pharmaceutical and Bio-Pharmaceutical Clinical Research

NACPT ALSO PROVIDES CORPORATE TRAINING IN THE PHARMACEUTICAL SECTORS:

Professional Series of pharmaceutical certificate training in the related fields

- Quality Control
- Quality Assurance
- Validation
- Formulation
- Clinical Research
- Project Management
- and more...

FINANCIAL AID PROGRAMS



Canada Job Grant for Employers:

Canada Job Grant Helps employers train new or existing employees for jobs that need to be filled. This flexible program is designed to meet the needs of businesses of all sizes, in all industries and regions. Having the right skills helps employees excel and succeed in today's fast-paced labour market. Please visit www.nacptpharmacollege.com/job-grant.

We acknowledge the financial support of the Government of Canada



Canada

Canada-Ontario Job Grant (COJG) Provides opportunities for employers, individually or in groups, to invest in their workforce, with help from the government. The COJG provides direct financial support to individual employers or employer consortia who wish to purchase training for their employees. Employers can get up to \$10,000 in government support per person for training costs. Please visit <http://tcu.gov.on.ca/eng/eopg/cojg/>

Canada Job Grant is available in the following provinces:

- Alberta
- Prince Edward Island
- Newfoundland and Labrador
- New Brunswick
- Northwest Territories
- Nova Scotia
- Manitoba
- Saskatchewan
- British Columbia
- Nunavut
- Yukon

Available Grants for Students:

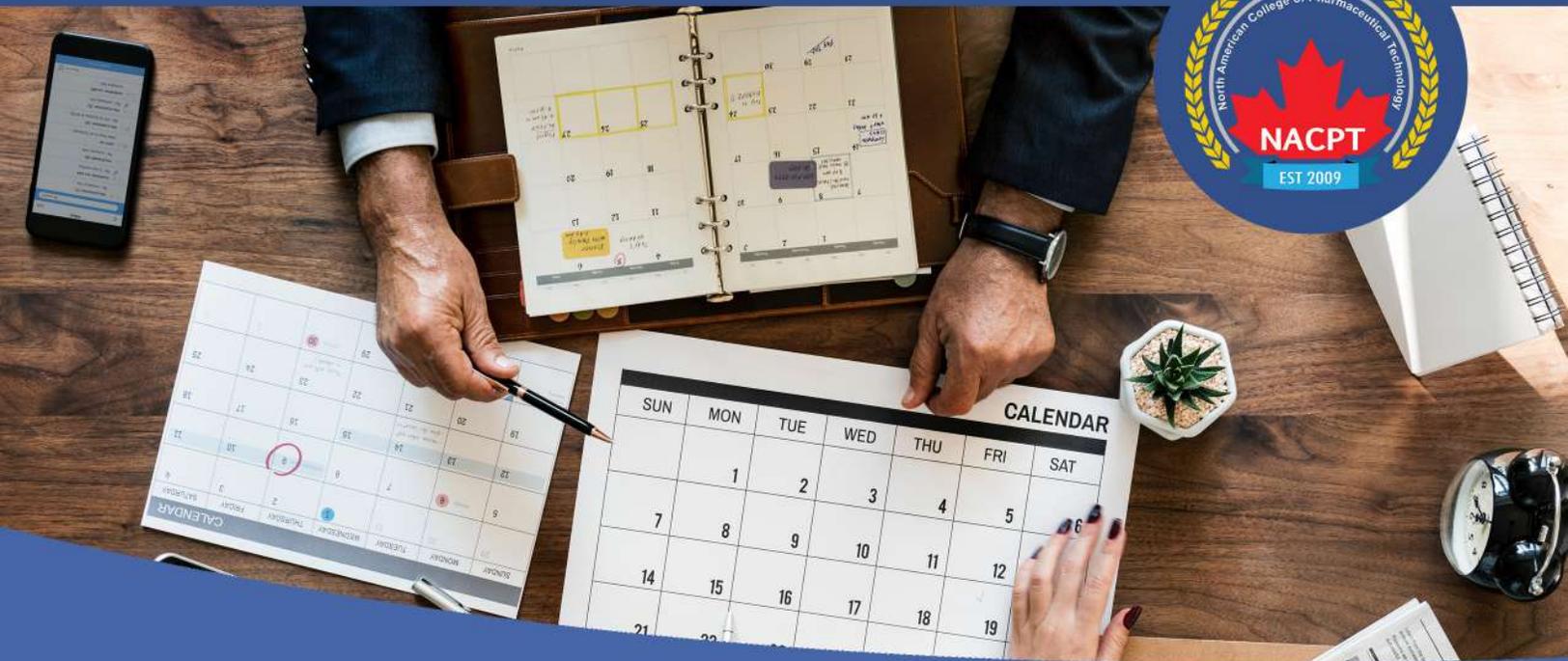
Second Career (SC) Applies to those who have been laid off and have not been working or to those who have been laid off and are working a temporary job just to cover costs. You can apply for up to \$28,000 for costs including: tuition, books, manuals, etc. Please visit <https://www.ontario.ca/page/second-career>

Ontario Works (OW) Employment Assistance Program helps clients find, prepare for and keep a job. This assistance may include workshops on resume and interviewing, job counseling, job-specific training, access to basic education, so clients can finish high school or improve their language skills. Please visit www.mcass.gov.on.ca/en/mcass/programs/social/ow/

Workplace Safety and Insurance Board (WSIB) Benefits: The government of Ontario, through the Ministry of Training College and Universities (MTCU) reimburses WSIB for the cost of benefits it pays to Student Trainees enrolled in an approved program at a Training Agency (college). Students enrolled at an Ontario postsecondary institution are eligible for Workplace Safety Insurance Board (WSIB) coverage while on placements, either required or optional, that are part of an Approved Program. (See the Guidelines for details regarding eligibility for Ministry coverage, Guidelines for Workplace Insurance for Post-secondary Students of Publicly Assisted Institutions on Unpaid Work Placements)



CONSULTING SERVICES



VALIDATION TECH INC. Validationtech Inc., strives to maintain and inspire professional excellence by providing Validation and related Services to the Pharmaceutical, Biotechnology, Nutraceutical, Food, Cannabis, and Medical Device Industries. We have solid experience, expertise, and commitment to provide the superior service required to meet all of your validation and compliance demands.

We offer a full spectrum of services such as Health Canada licensing process for cannabis producers, quality control, quality assurance, facility validation, utility validation, equipment validation (IQ/OQ/PQ), method development and method validation, computer validation, cleaning validation, sterile validation, process validation, clean room certification, temperature mapping, and much more related services. Dedication to quality, one to one support and the success of your projects are the foundation of our company.





Rathi Param
President & Dean
B.Sc., Post Grad Cert., in Pharma QA & QC
(MBA/TECH)

DEANS MESSAGE

North American College of Pharmaceutical Technology (NACPT) welcomes you to join us in the world leading and booming Cannabis Industry, with high standards of quality education and advanced skill training.

When you select NACPT for your cannabis career education, you are choosing to engage in the modern cannabis industrial era's practices, that go above and beyond the cannabis standards and requirements. NACPT also helps to transition traditional holistic practices to meet Canadian regulatory requirements. In combining our services with Validationtech Inc., we've taken innovative pathways, to provide top career hands-on training for our customers.

Through partnerships with cannabis, pharmaceutical, bio-technology and medical device companies, including research & development laboratories, colleges and universities, NACPT is well poised in providing the most sought after and effective career hands-on training for its patrons. Our innovative expert team is committed to ensuring that our NACPT graduates are equipped with sound skills and the knowledge needed to excel in the workplace, as cannabis industry professionals. The bottom line is to continue to improve until our trainees reach their career and business potential, while surpassing cannabis regulatory requirements and industrial standards!

Founder & President



**INTERNATIONAL MEDICAL
CANNABIS ASSOCIATION**