The Quality Assurance & Quality Control diploma is a program that teaches how to develop, monitor, and oversee measures that assure control, reproducibility and reliability of manufacturing and testing processes. Students also learn how to conduct sampling and testing required to evaluate compliance of the manufactured products to compendial standards of safety and effectiveness.

One of the most unique aspects of our program is the fact that students not only train in a fully GMP complaint and Health Canada-licensed facility of the same standard as used in industry, but also practice their skills by auditing real pharmaceutical products batch records.

Program Highlights
- Training in Health Canada-licensed GMP facility
- Industry relevant experience during training
- State-of-the-art equipment
- Small classes optimizing interaction

Admission Requirements
- Bachelor of Science (B.Sc) degree (Biology, Chemistry, Pharmacy, etc.) or Canadian technology / life science college diploma
- Financial assistance available
- English proficiency

Career Parallels
- Same equipment used in industry are used in training
- Facility is fully GMP complaint and Health Canada-licensed, same as industry
- Practical team training under expert supervision
- QA auditing of real pharmaceutical products batch records
- GMP compliance audit training
- Cleaning and Method Validation experience gained

Who’s Hiring Our Graduates?

“As the largest Canadian-owned pharmaceutical company, we find that TIPT is one of the key institutions that best prepares graduates for working in the pharmaceutical industry.”

Ron Davidson, VP of Human Resources, Apotex
This practical training program is unique in that it opens up many career options upon graduation. Multiple industries rely on their QA/QC personnel to ensure that their products adhere to all relevant standards and requirements, and people in this role are a crucial component to the drug development process as they guarantee all products manufactured are safe for public consumption. When you combine your current science background with this program, you increase your opportunities to make a mark in many different industries.

Who is this program for?

You want a problem-solving role and have an eye for detail ...

The Quality Assurance & Quality Control program trains you in how to be responsible for administering audits of pharmaceutical goods or products to ensure they meet the required level of quality and that the appropriate procedures have been followed and reported. Individuals with a strong attention to detail thrive in their careers after completing this program.

You want the option to work in multiple industries ...

Your training allows you to translate your newly acquired quality assurance & quality control knowledge into career opportunities across many different industries. The pharmaceutical industry is always in need of well-trained personnel, but allied industries also require reliable QA/QC measures, such as cosmetics, biotechnology, medical devices, and other life science industries.

What will I learn?

**MODULE ONE**

**Foundation**

Provides a background in pharmaceutical sciences and introduce new concepts in pharmaceutical quality control, statistics, regulatory affairs and GMP. Also includes an introduction of pharmaceutical ethics and law, which prepares students for dealing with drug regulatory issues and compliance.

**MODULE TWO**

**Core**

Provides training in quality assurance and quality control with an emphasis placed on:

- Drug stability
- Manufacturing processes and controls
- Documentation and GMP
- Auditing
- Sampling plans
- Method validation

Practical training is provided in analytical techniques and technical writing, including the development of protocols and standard operating procedures.

**MODULE THREE**

**Advanced**

Primarily project based, including raw material testing, in-process and finished product testing, utilizing a wide range of laboratory instrumentation including spectroscopy, Gas Chromatography (GC) and High Performance Liquid Chromatography (HPLC). These laboratory skills are applied to analytical method development, process validation and stability testing in compliance with current regulations governing the industry.

**Practical Experience**

A unique and highly successful aspect of our program is the didactic component that all students receive industry standard ‘work experience’ in our own GMP facility. Various practical projects expose the student to pharmaceutical industry standard equipment and instrumentation and lets students apply their skills and knowledge in a real-world work setting.
How long will it take?

TIPT is excited to introduce an accommodating set of three options to ensure all students are able to complete the program regardless of any schedule restrictions. Schedule a consultation to learn more about our course flexibility.

Full-Time
- Full-time weekly daytime classes
- Duration: Completed in 46 weeks
- Ideal for students committed to focusing on their studies

Flex
- Full-time classes on evenings and weekends
- Duration: Completed in 46 weeks
- Ideal for students who work or study elsewhere during the day

Flex+
- Part-time classes built to accommodate your schedule
- Duration: Part-time flexibility over longer durations
- Ideal for students who want to take extra time

What’s next?

Register for the next start date …
Now that you have a good sense of TIPT’s Quality Assurance and Quality Control program, you can fill out an application to register online. Once you have sent your completed application, our Admissions team will review your documentation and be in touch with you from there.

Book a campus tour …
We’d love to have you visit our state-of-the-art GMP standard and Health Canada-licensed facilities. Book a time to see our campus and meet some of our Admissions team.

Explore financing options …
Whether you’re paying yourself, being sponsored by your company, or taking out financing, we are able to help guide you through the tuition payment process.

Learn about career opportunities …
Your career opportunities increase with a TIPT diploma in hand. We have an entire career placement team to help ensure you land a job after graduation, thanks to our strong connections with hiring and management teams within top pharmaceutical companies.