

Laser Technician Diploma Program

Program Title: Laser Technician Program

Program Credential: Diploma

Program Duration: 240 hours (9 weeks)

Class Schedule: Morning class (Monday to Friday from 9:00 am to 1:00 pm)

Evening class (Monday, Tuesday, Wednesday from 6:00 pm to 10:00 pm,
and Saturday from 9:00 am to 5:00 pm)

Program overview

The laser technician diploma program offered by Chellsey Institute of Beauty & Health is taught by our most professionally experienced instructors. Our program provides students with practical, clinical training with live models provided from the school. We offer advanced facial treatments Using State-of-the-Art Technology and Electrical Equipment Students will be instructed with basic skin care, Laser treatments and techniques which will prepare them to commence a successful career in the laser hair removal industry.

Career Opportunities

With today's fast-growing beauty industry and demand for aesthetic services, students will receive hands-on training and gain knowledge in all phases of medical aesthetics. The program will provide information and guidance about career opportunities, seeking and obtaining employment. After completing the program, students will be eligible to start employment in medical spas, doctor offices or self-businesses. Chellsey Institute of Beauty & Health supports students from enrollment to graduation to ensure successful completion.

Course Outline:

MODULE	TOTAL HOURS	PRACTICAL	THEORY
Fundamental Skin	140	80	60
Laser Technologies	40	20	20
Small Business Management	20	0	20
Spa Internship (Clinical Practice)	40	40	0
TOTAL PROGRAM HOURS	240	140	100



Basic Skin Care:

This module examines the fundamental principles of skin care:

- Anatomy & Physiology of the skin
- Skin types, conditions and pathologies
- Basic chemistry and cosmetic ingredients
- Client consultation, preparation, draping and skin analysis
- Facials with and without the aid of machinery
- Cleansing, toning, exfoliation, masks, massage
- Facials for different skin types: basic, advanced acne, men, teen and mini facial
- Nutrition and stress management

Laser Therapies:

This module examines the laser and light therapies used in hair removal and skin rejuvenation treatments.

Laser Theory

- The theory taught includes laser for hair removal, reduction of vascular lesions, pigmentation removal, skin rejuvenation, skin tag removal, and laser acne treatments.
- Intense Pulsed Light (IPL) vs. Laser-Description of each, differences and uses.
- Theory of laser physics, laser-tissue interaction, skin types that will benefit.
- Laser safety, contraindications, regulatory requirements, controlled areas, signage, protocols of safety reporting, proper eyewear and treatment precautions.
- Types of medical and hair removal lasers and proper use of them.
- Hair biology, hair types and growth stages.
- Hair analysis and identifying skin types to determine suitability, benefits, and limitations for each skin type.
- Laser treatment parameters (wavelength, chromophore, pulse duration, repetition rate, spot size, energy settings used and their effect on photo thermolysis).

Laser Practical

- Client consultation, medical history, contraindications and exclusion criteria, consents and waivers.
- Spot tests to establish correct treatment parameters.
- Laser treatment protocols, skin cooling.
- Post care treatment and evaluation, documentation.
- Management of adverse events.
- Use, care and maintenance of laser machines and equipment.
- Handpieces and their uses.
- Hair analysis and skin typing to determine appropriate treatment and laser settings.
- Set-up and treatment protocols for laser hair removal, reduction of vascular lesions, pigmentation reduction and/or removal, laser skin rejuvenation, laser skin tag removal, and acne laser treatments
- Post-treatment care and follow up.
- Hands-on student practice operating the IPL and ND-YAG 1064 laser machines.

Small Business Management:

This module prepares students to successfully understand the business aspect of the spa industry.

- Salon and Spa Business: starting your own business.
- Esthetician Rights and Responsibilities as an Employee.
- Job Search and Career Management
- Understanding of the Aesthetics concept
- How to establish and register your business
- What type of Insurance
- How to setup a nice place complies with Health Canada rule and regulation
- How to file your clients record
- Branding (Differentiating yourself)
- Clinic layout & location (alternatives)
- Staff
- Patient funnel
- Bundling/Packaging/Pricing
- Traditional marketing
- Online marketing

Spa Internship:

During this module, students will continue to practice the skills learned in practical classes.

- Supervised internship in the medical spa facility at the college.
- Students must complete all required services and treatments in traditional and advanced spa treatments.

