



Clinical Laser Program

16 Weeks On-site (640 hours total hours - 390 hrs Theory On-site, 250 hrs Practical Theory)

Bacteriology, Hygiene, Sterilization and Rules and Regulations

This unit provides the learner with knowledge of bacteria, infection, and procedures and guidelines to help the esthetician eliminate and prevent the spread of disease.

- Bacteriology and Related Diseases and Disorders
- Infection Prevention & Control
- Personal and Public Hygiene
- Decontamination & Sanitization
- PVT Rules and Regulations
- Alberta Safety, Standards and Health Regulations
- Reports and Forms

Skin Histology & Physiology of the Skin

This unit focuses on understanding the basic structural units of the human body and the composition, structure and function of the skin. This unit will also enable the learner to recognize common skin diseases, disorders and disturbances; determine those that can be treated by the esthetician and those that require medical treatment.

- Cytology - Study of Cells, Metabolism and Body Systems
- Anatomy and Physiology of the Skin
- Principal Structures and Functions of the Skin
- Disorders and Diseases of the Skin
- Common Dermatological Medical Terms
- Skin Conditions, Pigmentations and Allergies
- Lesions of the skin
- Grades of Acne
- Cancers & Cells
- Emphases Hands on Practice

Disorder and Diseases of the Skin

This module focuses on distinguishing between skin disorder that can be treated in a salon/spa. Recognizing various skin conditions to determine that acquires medical attention verse what can be treated in the spa. Overall, the students will have the knowledge to understand skin disorders as it relates to products, procedures and treatments.

- Medical terminology for various skin conditions, disorders, and diseases.
- Treatable skin conditions verse conditions that require dermatologist treatment.
- Basic knowledge between primary and secondary lesion
- Procedures for extraction of blackheads and other blemishes.
- Causes of common skin disorders such as acne.
- Common causes of inflammation and irritation of the skin

Implements and Equipment & Safety in the Workplace

This module focuses on the use of common implements and equipment used in the salon spa industry.

- History of Lasers
- Types of Laser Machines
- Purpose, function and proper use of lasers, laser setting, do's and don't
- Understanding saturation process
- Basic maintenance of common implements, equipment and machines
- Inspecting and tagging equipment for defects
- Safety practices and regulations for lasers and equipment
- Workplace safety, OHS regulations and health issues and their importance
- Safety hazards recognition and control measures
 - (S.A.F.E.-Spot, Assess, Find Every day, PPE, WHMIS, MSDS)
- Electrical and Fire Safety, Confined Spaces -hazards and necessary preparation

IPL/ Laser - Laser Hair Removal

This module focuses on the use of lasers for hair removal services provided to clients in the salon spa industry.

- History of Lasers used in Hair Removal
- Review of Laser Technology and then type of Lasers used for hair removal
- Skin Typing and Benefits for Clients (Laser)
- Types of Laser Machines, how are they used in treating skin concerns
- Before and after results and Client Packaging
- Skin Conditions treated with Lasers, facial and body hair removal
- Contraindications, Medications, Disorders & Diseases
- Laser Safety
- Characteristics of laser light, Wavelength theory
- Laser Equipment Maintenance and Sanitation
- Fitzpatrick Scale
- Client Consultation
- Pre & Post Treatment Knowledge and Consent Forms

In class practical on students and models are required

Laser Skin-Feather Facials and Resurfacing

This module focuses on the use of lasers in the spa Industry as it relates to in skin restoration, revitalization, resurfacing services provided to clients in the salon spa industry

- What procedures and client packages can be done?
- Skin Typing and Benefits for Clients
- History of the resurfacing Laser
- Before and after results
- Skin Conditions treated with resurfacing Laser.
- Contraindications, Medications, Disorders & Diseases
- Acne, Anti-aging, Pigmentation and Wrinkle Correction.
- Client Consultation
- Pre & Post Treatment Knowledge and Consent Form

In class practical on students and models are required

Laser Vein & Tattoo Removal

This module focuses on the use of lasers for vein and tattoo removal services provided to clients in the salon spa industry.

- How does Vein and Tattoo removal work, times lines and number of treatments required?
- Skin Typing and Benefits for Clients
- History of Vein & Tattoo removal, alternate procedures/processes available for vein removal.
- Before and after results
- Contraindications, Medications, Disorders & Diseases
- Pigmentation Correction
- Sanitation and Equipment
- Client Consultation
- Pre & Post Treatment Knowledge and Consent Forms

In class practical on students and models are required

Cryolipolysis (Fat Freeze)

This module focuses on the use of Cryolipolysis for weight loss, contouring and toning services provided to clients in the salon spa industry.

- What is Cryolipolysis, principal mechanisms and how does it work?
- History of Cryolipolysis, weight loss techniques and toning with laser devises.
- Before and after results
- Contraindications, Medications, Disorders & Diseases
- Scarring and possible side effects, what can go wrong in not administered properly.
- Client Consultation
- Pre & Post Treatment Knowledge and Consent Forms

In class practical on students and models are required

Radio Frequency (45 Hours) Week 12 &13

This module focuses on the use of radio waves in body contouring services along with a host of other services provided to clients in the salon spa industry

- What is RF?
- Skin Typing and Clients Benefits
- History of RF devises.
- Before and after results
- Skin Conditions treated with RF
- Contraindications, Medications, Disorders & Diseases
- Sanitation and Equipment
- Client Consultation
- Pre & Post Treatment Knowledge and Consent Forms

In class practical on students and models are required

Ultrasound and Lipolaser

This module focuses on the use of both ultrasound and lipolaser services in the salon spa industry

- What does ultrasound and lipolasers do, how do they work?
- Skin Typing and Clients Benefits
- History of ultrasound and lipolasers devices.
- Before and after results
- Skin Conditions treated with ultrasound and lipolasers
- Contraindications, Medications, Disorders & Diseases
- Sanitation and Equipment
- Client Consultation
- Pre & Post Treatment Knowledge and Consent Forms

In class practical on students and models are required

Salon/Spa Business Management

This module outlines important aspects of successful salon/spa business management skills

- Salon/SPA Business Management
- Types of Business Ownership
- Business Licensing, Law, Regulations and Insurance
- Opening a Spa/Salon Business
- Strategies for a Successful Business
- Daily Operations and Functions
- Record Keeping and Inventory Control
- Marketing, Advertising and Promotions
- Telephone Communication and Reception Service
- Customer Service and Building a clientele
- Managing Personnel
- Human Relations Pertaining to Labor Laws and Employee/Management Expectations

Career Planning and Employment Skills

This unit outlines important aspects of career planning, gaining employable skills and basic computer literacy.

- Skills for Success - Resumes, Cover Letters, Interview Skills
- Career planning and Employment Skills
- Exploring the Job Market and Networking
- Methods of Compensation
- Basic Remedial Computer Skills and Literacy
- Internet Navigation, Accessing Information and Email capabilities

Pre-Provincial Certification Exam Review