

ADVANCED AESTHETIC LASER TECHNOLOGIST

ENROLLMENT: CONTINUOUS, ONLINE

LENGTH: 170 HOURS, SELF PACED

COST: \$2,999

CERTIFICATIONS: ADVANCED AESTHETIC LASER TECHNOLOGIST AND LASER SAFETY OFFICER

Course overview

This Advanced Aesthetic Technologist Course takes you on a journey of discovery and helps you discover and understand all aspects of a wide range of treatments with various technologies. It helps you make sense of your equipment, the treatment protocols, client interaction and results.

The Advanced Aesthetic Technologist Course teaches you how to...

- achieve consistent treatment results
- understand the light-tissue interaction enabling the treatment
- choose your treatment parameters
- Laser + IPL + LED + Microdermabrasion + Microneedling + High-Intensity Focused Ultrasound (HIFU) + High-Intensity Electromagnetic Therapy (HIFEM / HI-EMT)

On completion of this course you will know what other therapists don't know. Less than 2% of aesthetic and beauty therapists seeks advanced, in-depth science-based training once they completed their basic training. Completing the Advanced Aesthetic Technologist Course puts you light years ahead of 98% of the industry. But, what does it actually mean to you?

- You provide your clients with the results they seek. Because you know and understand the science behind the technologies you work with, you provide results on demand, not by luck.
- You understand what makes a machine or other piece of equipment useful. Thus, you will not only save thousands when you purchase equipment. You will also know how to purchase equipment that deliver the results you expect.
- You will understand how to combine different technologies. This means that you are always ahead of the pack. You have the knowledge and imagination to design signature treatments that your competition cannot do. The only thing they will be able to do is to copy you. The good thing about this is that they will never be able to get the results you're getting, because they lag the inside knowledge that creates the magic.
- On completion, you get a certificate accredited in 136 countries world-wide.
- No time limits. Remain enrolled until course is completed.
- Advanced Aesthetic Laser Therapist certificate on completion.
- Laser Safety Officer – Aesthetic Lasers certificate on completion.
- Formal declaration of grades on completion.

Course Outline



Skin Biology

- The skin
- How to clean skin
- Fitzpatrick skin types
- Understanding Fitzpatrick Types
- Veins explained
- Varicose veins
- Endovenous laser ablation
- Spider veins removal
- Melanoma
- Laser pigmentation removal
- Evaluation Skin Biology

Adipose biology

- Adipose tissue summary
- Assignment
- Basics of Metabolism
- Digestion, Mobilization, and Transport of Fats – Part I
- Digestion, Mobilization, and Transport of Fats – Part II
- Lipoproteins, Apolipoproteins, and Familial Dyslipidemias
- Adipose Connective Tissue
- Fat cells and fatty tissues
- How do your fat cells shrink?
- How fat loss works in your body, storage and release
- Fat and Muscle
- Inner body fat
- How does fat leave the body when you lose weight?

Hair biology

- Hair biology explained
- Hair growth
- Hair growth cycle
- The hair follicle
- Evaluation of hair biology
- Assignment

Radiation-tissue interaction

- Effects of Electromagnetic Fields on Organs and Tissues
- Interaction of radiation with matter

- Intended Human Exposure to Non-Ionizing Radiation for Cosmetic Purposes
- Laser Tissue Interaction – Med
- Light-tissue interactions
- Evaluation of Radiation-tissue interaction

Safe use of technology

- Laser Safety Overview
- Specular and diffuse reflection 1
- Specular and diffuse reflection 2
- Laser safety video
- Eye hazard
- Introduction to Skin Rejuvenation with Energy Based Devices
- Evaluation of Safe use of technology

Legal issues

- Safety checklist – Laser & IPL
- Examples of consent forms – Lasers
- Examples of consent forms – Microdermabrasion
- Example consent forms – Microneedling
- Examples of consent forms – HIFU
- Examples of consent forms – Electromagnetic Field Treatments Laser

Photobiomodulation

- What is low level laser?
- Indications and Contraindications for Cold Laser Treatment
- Client's response
- Hair growth
- LLLT in sports injuries
- Weight loss
- Anti-smoking
- Carpal tunnel syndrome
- What is LED therapy?
- Review of LED
- Acne treatment
- Face wrinkles
- Low-level laser lipo
- Body sculpting options
- LLLT hair growth stimulation
- Low-level laser therapy for treatment of hair loss
- Female Hair Loss

- General Information on Low-Level Laser Acupuncture
- Advantages of laser acupuncture
- Auricular Acupuncture with Laser
- Clinical effectiveness of laser acupuncture in the treatment of temporomandibular joint disorder
- Clinical Effectiveness of Laser Acupuncture
- Comparison of Three Protocols: Dietary Therapy and Physical Activity, Acupuncture, or Laser Acupuncture in Management of Obese Females
- Laser Acupuncture Fertility Treatment
- Evaluation of Photobiomodulation

Class IV lasers and IPL's

- Skin cooling techniques
- IPL Skin rejuvenation
- IPL face treatment
- IPL hair removal
- Laser hair removal
- Laser hair removal 2
- Does your laser work as it should?
- Static pulsing / stepping technique
- Pain-free hair removal, or gliding technique
- Demonstration of both gliding and stepping techniques
- Laser skin peel
- Laser acne scar removal
- Dental laser
- Skin rejuvenation
- How to failure diagnose when you're not getting the results you've expected
- Ablative Lasers
- Assignment
- Laser Skin Resurfacing: Erbium, YAG, and Fractionated CO2
- Fractional CO2 Laser Facial Rejuvenation
- Erbium light peel
- Erbium stretch mark removal
- Light therapy in practice
- How to apply the treatment parameters to your machine
- Evaluation of High-power Lasers & IPL

Laser tattoo removal

- How tattoo removal works
- Non-Laser Tattoo Removal Options
- Laser tattoo removal pre-care
- Aftercare textbook
- Aftercare following a laser tattoo removal treatment
- Laser Tattoo Removal, Precautions, and Unwanted Effects
- How many sessions does laser tattoo removal take
- Understanding the Kirby-Desai scale
- Calculating sessions needed
- 10 Points to discuss during a consultation
- Case studies
- Laser equipment for tattoo removal
- Comparison between nanosecond and picosecond lasers
- Picosecond Laser: Lies, Myths and Dangers
- Wavelengths and colour targets
- Evaluation of Laser Tattoo Removal

Microdermabrasion

- Microdermabrasion background
- The Basics
- Microdermabrasion, an overview
- What is microdermabrasion
- Microdermabrasion explained
- MicroDermabrasion Diamond Tip Versus Crystals
- Demonstration of microdermabrasion treatment
- Microdermabrasion Skin Care and Beauty Tips
- Microdermabrasion – Procedures
- 10 Step Microdermabrasion
- Contraindications
- Aftercare for microdermabrasion
- Microdermabrasion, Oxygen Infusion and LED Therapy
- Diamond Tip Microdermabrasion Machine – Cleaning
- Evaluation of Microdermabrasion

Collagen induction therapy (Microneedling)

- Microneedling Contraindications
- Microneedling Precare
- Microneedling Aftercare
- Dermaroller vs. Dermapen
- Time between microneedling treatments
- Microneedling for hair growth
- Dermaroller training video
- SkinPen training video
- DermaPen Training Video
- CIT hair regrowth treatment
- Microneedling & LED
- How Platelet-Rich Plasma Works
- Microneedling with PRP demonstration
- Microneedling with RF demonstration
- RF Microneedling for body treatments
- RF Microneedling With PRP
- RF Microneedling with LED
- Allergic Granulomatous Reaction and Systemic Hypersensitivity Associated With Microneedle
- Some tips to make injections more comfortable

High-intensity focused ultrasound (HIFU)

- A Medical History of HIFU
- Effect of HIFU on fat
- Ultherapy vs. HIFU
- Demostration Ultralift HIFU Facial
- HIFU vaginal tightening pre-treatment and treatment

High-Intensity Electromagnetic Therapy (HIEMT)

- High-Intensity Electromagnetic Therapy (HIEMT)
- HIEMT Overview
- What Types of Fat Can be Treated With HIEMT
- Electromagnetic stimulation VS. Microcurrent stimulation