



# LaserCollege

## Course Catalogue

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# About LaserCollege

LaserCollege is part of the International School for Advanced Aesthetic Studies. Incorporated in the Republic of South Africa, with incorporation no. 2021/156015/07.

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## **LaserCollege is a member of:**

SAAHSP – Member no.: 2760  
Besko – Member no.: 3853

# Read what some of our students said after completing their courses.

## Robyn Letts from Canada

Were you expectation met by the course?

**“My expectations were met by the course.”**

Please elaborate a bit on what you found better than expected as well as telling us about the part(s) you were disappointed by.

**“The course was very well laid out. It was easy to refer back to things.”**

What made you decide to do the course?

**“What made me decide to do the course was my partner and I wanting to expand our current facility. She owns a tattoo shop and I do permanent makeup. Adding tattoo removal to the business will grow every area.”**

Do you think the price is fair? If not, what price would you put on the course?

**“I do feel that the price is fair. The course covered everything. And I am sure if there were every any questions about anything you would be there to guide. I would recommend this course to people I know.**

**Great Job. Thank you!”**

## Dr. Mekondjo Feinge Shifeta from Namibia

Were you expectation met by the course?

***“Let me take this opportunity to appreciate Laser college for opening up door to my Laser/Aesthetic career,I am grateful for studying with you and all my expectation for the course were met,notes were clear and straight to the point,easy to study and video made it easy to understand the course.”***

What made you decide to do the course?

***“I have always been having interest to pursue a career in laser/Aesthetic and this course come at the right time.”***

Do you think the price is fair? If not, what price would you put on the course?

***“The price was really fair and worth the knowledge I have acquired through this course and not forgetting the good communication from the Laser college team and very helpful team throughout the course.***

**Once again thank you so much Laser College ,you have been a great source of inspiration to my career.”**

### **Savannah van der Heever from South Africa**

Were you expectation met by the course?

***“My experience with the course has been pleasant and fun. I’ve enjoyed the set up. This has made my study process very easy and convenient. My expectations have definitely been met. I’ve enjoyed the addition of YouTube videos and links to visualize the theory work. The design of the course overview is very helpful.***

**The layout of the module exams have been fun and easy to manage. It was great to have a challenge at the end of each module. The flexible hours has made this extremely convenient as I work a full time job”**

What made you decide to do the course?

***“I decided to do this course because of the content that is covered and because of the reviews that I found and read up on. I wanted to be fully qualified before working with laser hair removal at the clinic I am employed at and found that this course has given me what I need to adapt my knowledge to the device I am working with.”***

Do you think the price is fair? If not, what price would you put on the course?

***“I think the price is fair.***

**Thank you for the great, easy and enjoyable experience!”**

### **Zanné Pretorius from South Africa**

Were you expectation met by the course?

***“I honestly thought the course was going to be hard and it was going to take me very long to complete the course. But the course was very easy to me and it didn’t take me long at all which I’m very thankful for. Also think I found it a lot easier due to the fact that I have been in the laser industry for the past two years “***

If you could change anything about the course, what would it be and how would you change it?

***“No changes, the course was great and the site was very user friendly”***

What made you decide to do the course?

***“To have an extra certificate and extra knowledge on lasers”***

Do you think the price is fair?

***“Price is fair”***

### **Marion Kusi-Mensah from Ghana**

***“This was a great course, very detailed, all modules were well explained with videos which was very helpful. Overall a good course thank you laser college”***

### **Yolanda Meintjes from South Africa**

Were your expectation met by the course?

***“My expectations where definitely met by this course. I love that I had the freedom to finish it on my own time, because life gets busy and work etc. Now I can finally submit this and get my qualifications.***

***It was very insightful, and all the videos helped. I could also go and do further research regarding the topic.”***

What made you decide to do the course?

***“I decided to do the course, to further my knowledge on my laser machine. And you must know what other machines are in the industry, because clients ask a lot of questions. And Knowledge is POWER!”***

Do you think the price is fair?

***“I think the price is fair.”***

### **Ané Oosthuizen from South Africa**

Were your expectation met by the course?

***“My expectations were exceeded by this course it was a very good quality course and gives laser therapists the skills and knowledge needed to have a good career in the laser and aesthetic industry, nothing in this course was disappointing to me.”***

What made you decide to do the course?

***“I did this course to be an better aesthetic laser therapist.”***

Do you think the price is fair?

***“Yes the price is fair for the amount of knowledge and skills you gain from this course along with the laser boot camp.”***

### **Beulah Coetser from South Africa**

Were you expectation met by the course?

***“Definitely, everything was set out perfectly and very informative. Disappointed in nothing.”***

What made you decide to do the course?

***“I want the laser safety officer certificate – your emails I receive weekly shown me you are advanced and I will definitely learn a lot from your training to better myself for my clients.”***

Do you think the price is fair?

***“The price is definitely fair yes”***

### **Lydia Mwanza from Zambia**

Were you expectation met by the course?

***“YES.... My expectations were fully met and even more. I found the aspect of skin and hair biology, with the skin type and parameter setting extremely educative.”***

What made you decide to do the course?

***“I decided to pursue this course because I want to be a skilled aesthetician and offer my services competently and confidently.”***

Do you think the price is fair?

***“The price and payment plan is very affordable”***

### **Ashleigh Pestana from South Africa**

Were you expectations met by the course?

***“I was impressed with the scientific explanations of wavelengths, lasers, hair biology and skin biology.”***

What made you decide to do the course?

***“I was looking for a course with more advanced aesthetic treatments as well as accreditation as a certified laser safety officer”***

Do you think the price is fair?

***“Yes it’s fair”***

### **Zelda Morgan from South Africa**

Were you expectation met by the course?

***“In overall I am satisfied with the course. I enjoyed the reading material and all the videos. Really a great help!”***

What made you decide to do the course?

***“I have been interested in permanent hair removal for a very long time, and in our area there are not a lot if clinics or salons offering these services.”***

Do you think the price is fair?

***“Price is reasonable”***

### **Paulina Zajac from South Africa**

Were you expectation met by the course?

***“My expectations were met by the course . I liked the little YouTube videos of all the different treatments performed by the laser. Nothing was disappointing.”***

What made you decide to do the course?

***“Decided to do this course to upgrade my treatments at the salon to another level.”***

Do you think the price is fair?

***“Price is fair enough”***

### **Mandy Davidtsz from South Africa**

Were you expectation met by the course?

***“I enjoyed this course, except for the Physics part LOL.***

***It exceeded my expectations as I thought it would focus more on the Laser side and not so much on other aspects such as skin type, consultation, indemnity, starting your own clinic etc. but it did and it was really a comprehensive Laser course, covering everything you can think of or even did not think of.***

***The only thing I did not like was the written assignments, but looking back I can see why these are important. It helped me discover different laser clinics and talking to different laser therapist that are using different equipment.”***

What made you decide to do the course?

***“I decided to do this course as I have unfortunately bought a laser already and the training that was promised was on how to fill up my laser with water and a little brochure in broken English about the different settings.”***

Do you think the price is fair?

***“The price is reasonable.”***

### **Zahra Mazanderani from Canada**

Were your expectations met by the course?

**“The course was very thorough. I was impressed by the wide range of subjects and issues discussed that could be addressed by low level laser therapy. The introduction to laser was amazing; lots of information was included and i found it fascinating to learn. I do not think I want to add any materials to the course to improve it as it is a very complete course.”**

What made you decide to do the course?

**“I am a registered Acupuncturist and I was interested in adding laser acupuncture to my practice; therefore, I decided to take the course.”**

Do you think the price is fair? If not, what price would you put on the course?

**“The price of the course was very fair.”**

### **Yakira Kim from Canada**

Were your expectations met by the course?”

**Personally I wouldn’t change a thing, you got all the information that was needed in this course. The videos are very helpful for those who couldn’t quite understand the written part of the course but again, gives more information and helps more people give a further explanation of what they are dealing with.I’m truly happy with this course and I’m looking forward to helping others.”**

Do you think the price is fair? If not, what price would you put on the course?

**“It’s a reasonable price for the information given.”**

### **Ashley Howard from Canada**

Were your expectations met by the course?

**“I did find this course quite interesting and helpful. I think that having the different videos about the tattoo removal experience did help. I think that it also would be beneficial to provide more information about the laser setting and how you can operate those, although I do understand that that is difficult with all the different kinds of lasers”**

Do you think the price is fair? If not, what price would you put on the course?

**“I do think the price is fair.”**

### **Jason Kim from Canada**

Were you expectation met by the course?

**“I found the course was very well laid out and easy to navigate, much more information than I anticipated compared to the course my wife took at another institute which cost much more.”**

Do you think the price is fair?

**“The price seemed quite fair.”**

### **Dr. Amupolo from Namibia**

Were you expectation met by the course?

**I enjoyed the course, I have learned so much about different laser equipments and how to use them. I think some videos were a bit outdated but they were helpful however. I have enjoyed using the laser touch and seeing different results.**

Do you think the price is fair?

**Yes.**

### **Dr. Bikane from South Africa**

Were you expectation met by the course?

**Oh, what an experience! I will recommend others to enroll for your courses. Your courses are scientific, professional and of high quality, I therefore cannot add or subtract anything from the contents of the courses. For my career move, I found the contents of these courses to be critically essential.**

Do you think the price is fair?

**Relatively to the courses contents the pricing is fair.**

### **Rania Noman from Sweden**

Were your expectation met by the course?

**I can say confidently yes! As I had no idea at all about the difference between most of the laser types and their uses. Now its very much improvement for me.**

What made you decide to do the course?

**I was searching for a laser course online as I have a baby and restricted in time to attend classes. I am planning to work with laser in the future after my daughter starts kindergarden.**

Do you think the price is fair?

**Yes, I think the price is fair for me as I could afford it.**

### **Emily Verwey from South Africa**

Where your expectations met by the course?

**Definitely. I was absolutely blown away by the standard and amount of information in each module. I attended a Roadshow Clinical Seminar in Midrand on the 27th of November (2018), where an American Professor from Alma Lasers and a German Doctor from Best Lasers South Africa, demonstrated different Alma Lasers. Although I didn't have any practical experiences on lasers, I knew exactly what they spoke about. The course helped me tremendously to understand the way not only lasers work, but the human skin and hair as well. I think I am well equipped with knowledge to start my own business now.**

What made you decide to do the course?

**I have been fascinated by aesthetic lasers for a long time. I want to build a career and be able to assist other persons with difficulties regarding skin problems. I want to make a difference in somebody's life. I once needed laser treatment that made a huge difference in my life.**

Do you think the price is fair?

**I feel the price is fair, I got more than I've expected from the course. I just really want to thank you all for the great work you have done to enrich my life with this knowledge and the privilege to be able to study at Laser College. I will forever be thankful to you.**

### **Tewsdlay Moore-Jones from Spain**

Where your expectations met by the course?

**As a whole the course was completely different to what I expected. I expected a more practical and hands on course however was met by a more business side to running a laser clinic. I was pleasantly surprised by this as it helped me, not only to learn about the different types of laser,**

skin types and treatments, but also how to market them, how to deal with clients and how to financially support it. If I could change anything about the course it would be to add in a bit more information on the how to deal with client.

What made you decide to do the course?

**I decided to start the course when I started a new job as a receptionist in cosmetic clinic. I became more and more interested in the treatments and wanted to further my knowledge.**

Do you think the price is fair?

**I think the course is fairly priced as I have seen others set at a much higher price.**

### **Dr Shailja Dhir from India**

**“It was my pleasure to be a part of LaserCollege.org. The best thing about the course is that it is not just a superficial study but is a complete conceptual based study of the subject. I enjoyed every bit of it, right from the Quantum physics to the medical application. The assignments given were challenging but very informative at the same time.**

**Apart from the subject I learnt many more through these assignments. It will certainly help me in the future. I also enjoyed the videos and lectures very much. They are quite entertaining and interesting. Overall it was a fantastic journey through out and I will definitely recommend the course to other students as well.”**

### **Melanie Hollweck from South Africa**

**“Thank you so much.**

**I liked the way the course is set up, the information provided is easy to follow as well as understand and I love how I can easily track my progress with the aid of the ticked boxes for sections completed. Most of the videos provided for each section helped me understand my study material better.**

**The assistant from you was outstanding never bashing my many questions, I truly appreciate that.**

**The web site is easy to navigate and clear with all main questions answered and relevant information given. I also like the fact that the web site is set up in such a way that I can only access the next section of my course once the previous one is done since I feel I was so excited I would have most probably just jumped ahead without a system in place and most certainly confused myself.**

**I feel the instructions I was given were very clear to follow, and when I did feel confused due to my compulsive need to overthink everything, and sent an e mail to explain, I was always welcomed with open arms.**

I would have loved to see more in depth examples and descriptions of treatments done with a laser, such as wound healing or wrinkle treatments, information such as treatment times and frequencies for best results etc.

Overall it was a informative and very well put together course and I would most definitely recommend this course, in fact I already have to a good friend of mine.”

### **Loay Easo from Canada**

“I must admit that my knowledge base about LLLT prior to taking this course was very limited at best. This LLLT course was very well organized and well structured. For example, in order for one to understand how and what makes LLLT work / function and have such a profound effect / impact on intracellular / molecular signalling mechanisms, one must start from the beginning by first understanding the physics of Lasers and how they interact with matter / biological tissues. This LLLT course did an excellent job in explaining these difficult / challenging concepts.

In addition, this course also was very helpful in explaining all the contraindications to LLLT as well as Laser therapy safety standards and regulations. Having established that, I gained valuable knowledge from taking this course.

Yes, I would highly recommend this course to prospective students, bearing in mind that this course is not intended for those students who are looking for a two day/ weekend course, rather, this course is an intensive, comprehensive, well organized, professional LLLT course.”

### **Beverley Roberts from South Africa**

“On the whole I found the course very useful perhaps, surprisingly, the assignments I least enjoyed doing. Otherwise there was a lot of information that makes me feel a little more familiar with the field I want to work in. Videos were helpful and entertaining.”

### **Bonita Alfred from South Africa**

“Hope you good. I just want to thank you for the course I learned a lot.”

### **Safron Fogarty from South Africa**

“I have thoroughly enjoyed the course!

I loved the therapy related assignments – would have liked more of these as I learnt a lot while researching”

### **Johanna Martins from Finland**

“Thank you very much! Yes, my experience with this course was very pleasant!

It was challenging, yet interesting. I learnt a lot of new things, things that will be very helpful in the future. It has inspired me to think and develop new ideas for my future clinic. And

really opened up the subject for me with great learning. I enjoyed the way it was taught and explained with lots of videos which made it more enjoyable.

If I had a complaint the only complaint would be the written answers on the tests. Because even if the answer is right, it will be marked wrong because it wasn't written exactly the same as the answer. Otherwise it was fantastic and 100% worth it. Very happy and pleased that I joined this college. Thank you for the pleasant experience!"

### Adele Kruger

I have to say I love the laser course!

I didn't have science in school and wanted to know how the laser beam gets produced and what happens "inside" so I found the 1st module very interesting and challenging. I didn't know what the assessment would be about and I studied that professor's full lecture in detail. The assignment on the laser companies and distributors was very good for us laser therapist to get to know where your competition is and what they are using. Module 2 and 3 was also very interesting for me. However with assignment 3 It would be easier to do if you can give a better description as to where you will be giving marks as its easier to know what needs to be in the financial plan. I love the U tube clips with regards to the modules. With the skin and hair biology I would have liked to have a nice picture of all the different cells and where they lie in the skin. As well as with the hair follicle and the position of the cells."

### Jessica Keen

"I have really enjoyed the course so far. As someone who has little experience with these technologies I found that the course broke the subject matter down very well each time building on the information from the last topic – the structure and the flow of the course has been extremely helpful and I have learned a lot!

I also really liked that you included the YouTube videos. Because I'm very much a visual learner I find that I absorb information better when seeing it instead of just having reams and reams of printed notes. I think this also keeps the course interesting.

I have also learned a lot from the assignments in each module. I think it's brilliant that along with learning the theory, you ask your students to think about their own businesses. The exercises have really made me think and researching them has opened up a lot of doors to further learning and investigation.

Including the LazerTouch in the course fee is also really fantastic. It has been good to begin using the laser while still studying. I actually wanted to let you know that since receiving the LazerTouch I have done two treatments on my mom who suffers from arthritis in her hands. We only did one hand to see what the difference would be and she has no pain on that side which has been amazing!

As far as what could possibly be added to the course I would say a section on machine purchasing would be really helpful. I am currently looking into what machines to buy and I'm finding it quite confusing. There is so much information out there and each company is

obviously saying their machines are the best. As mentioned in my previous email the differences in pricing is also incredible. So I think it would be nice to have a guide which can let you know that if, for example, you are wanting to buy an IPL machine that you need to look out for certain specs. I don't know whether it would be possible to narrow down the information like this though?

Besides that it has also been really great to know that you are on the other side of the email so that if I do have any questions you are there to help. I really appreciate your input, feedback, knowledge, experience and support and I'm sure that your other students also do."

### **Reshmi Takoorparsadh**

"I opened a Laser Slimming Clinic and found myself bombarded with questions. Concerns the public rightfully had to have answers for. My half a day training that basically covered only the machine operation did not give me any working knowledge of using. I searched for more information to improve my skills and found very little available. The other training college also offered 1day courses. This did not sit well with me at all; as I am a humanitarian at heart and need to be accountable to people around me; especially paying clients.

I discovered Laser College by chance and was taken with the professionalism and in-depth training programme. The modules were intensive and challenging; something I thoroughly enjoyed and would do it again in a heartbeat. The modules forced me to get out my 'comfort zone' and truly apply myself to gain useful information in the professional beauty industry. Especially and equally important to the actual Laser training is the 'Informed Consent' section that the course covers in detail. This section is vital for anyone dealing with the public ; to pre-empt complications.

Thank you for giving me all the necessary tools to now expand my business further and increase my Medi-Spa range. Your unbiased guidance is an invaluable tool to my business and me personally.

Going through this course has given me confidence, knowing I have educated answers for my clients."

### **Laura van der Schyff**

"I wanted to take a moment to thank you for your fantastic level of quality education you have been providing me with this course. Thank you for the amazing experience I gained at your online college! It has been half a YEAR that it took me to complete my studies, and while busy with the course, I not only gained a wealth of knowledge in my chosen laser career but also gained lifelong information about the adult life and how to begin my own laser clinic! You gave me the opportunity to be able to do what I love every day! Thank you so much!

At first I was totally stressed out because everything was English and my English was and still is very bad, but thanks to you that came to an end. As the modules carried on it became more and more interesting. The first 4 modules wasn't very interesting to me because it was more about the laser machines itself and I am more interested in the treatment and how to perform it. My favourite module was module 9, yes also because I was so close to finishing, but not only

that also because it was about the consultation, pretreatment, the treatment and lots of information on performing the treatment.

I've struggled a bit with the last 2 assignments because I've never had my own business, just finished school last year and I know that I still have lots to learn on building my own business. But thanks to you I have expanded my knowledge in connection with owning my own laser clinic one day. Thanks for all your extra information on how to buy and what type of laser to buy in South Africa according to the weather and sun exposure. I can not thank you enough for all your time, kindness when I've struggled and the opportunity to have done this course. Will always be thankful"

### Rachel Greene

"To whom it may concern,

I would like to thank you for the intense support you have given me throughout this course. I came across the course on the Internet whilst sieving through courses which would best serve me, in my studies as well as profession. I have to say, I am incredibly grateful for the support you have given me from day one with direction as well as communication on a number of things. I have found this course very stimulating and have found it hugely beneficial as it has grown me as a person and increased the platform which I work on to continuously improve my skills.

I am excited about the next journey I will embark on with regards to Advanced Cosmetic Laser. Although the course took dedication and discipline, it certainly was very interesting and stimulating which constitutes as a positive when one is working alone. I did feel that it was very easy to communicate with you and I thank you for that, open door. I look forward to growing within my self with my new qualification and will be certain to recommend The Laser College with the highest regard. Thank you."

### Fatima Deedat

"I was interested for a while in studying laser but unfortunately there wasn't any course out there that offered it. I came across the course when I was looking at machinery and I am very lucky to have. The course material was easy to understand and broadened the horizon for opportunities in the beauty industry. The videos were detailed and made each module more interesting. Besides the practical work the subject material also gave in depth of how to run a successful business."

# Aesthetic Boot Camp 2022

**All New Aesthetic Boot Camp 2022. Fully Renewed and Better Than Before.**

**15 to 19 April 2022 in the idyllic country estate of Pecanwood, Hartbeespoort Dam.**

**2 very, very big things are going to happen for you at this, our best, most magical boot camp ever...**

**First, a magical mind-shift.**

You will think very differently about your salon or spa, your opportunities, and your future at the end of this boot camp. (So, if you're feeling mentally fatigued, if you're frustrated you're not moving forward as fast as you'd like, if you can't seem to 'get out from behind the counter' to focus on being an leading therapist... you NEED to be here! If you have a very successful aesthetic business and are wondering: what's next? – you NEED to be here.)

**Second, Magic Wands to take home.**

You'll discover certain Points Of Leverage hidden in your business that you do not now see or fully appreciate or successfully exploit.

**Five ways this LaserCollege Boot Camp is PROFOUNDLY DIFFERENT than any seminar, workshop, boot camp or other training event you've ever done before.**

1: It's being presented by a real laser clinic owners, working with real clients.

2: This is a very unusual, untraditional, abnormal, contrarian approach to the business of aesthetics.

3: This isn't a warm-'n-fluffy, lots-o-fun, feel good 'place'. It's about serious professionals advancing their knowledge and skills.

4: This isn't built for broad appeal to anybody who thinks they're a laser therapist – or is happy playing at it.

5: The knowledge you will gain here, you will not find at any other place in the world.

The last thin I would want is: another seminar. I wouldn't want to sit through one myself, so I certainly do not want to inflict one on you either. We've all got better things to do. Here's why this is NOT an ordinary seminar, not in the least.

Most seminars end when you leave the room with ideas that dissolve into ether and motivation that fizzles away, so, truth be told, in a few days you return to your routine just as it was before. We intend a very different result and are engineering this multi-day boot camp so that you make definite, definitive decisions as we proceed, are given actual examples of every key strategy to model, and depart with a transformation plan.

I'll tell you more about the unusual format of this upcoming boot camp a bit later. But know that you are in for something quite different, more provocative and more rewarding than any 'training' you've gone through before.

## Networking

One of the most common remarks we get from laser clinic owners is that they feel isolated. Networking with other therapists and aesthetic business owners has become our most popular boot camp feature!!! You'll get to sit around a table with peers who've come from all over South Africa and abroad, compare notes, discover how they're handling challenges, how they're building their careers and businesses.

The people with whom you will interact during the Aesthetic Boot Camp are not your average, everyday therapist. Firstly, these are people who value personal growth and skills developed and are willing to pay for the value they seek. These people have done boot camps, training events and seminars you don't often hear about, and they are willing to talk about what they've learned and what worked for them.

The people you will talk to during this week have dealt with supplier problems, client issues and marketing challenges. None of these from another industry, but in the aesthetic industry. This is your one opportunity to get all this know-how together in one place and accessible to you.

You get to know us, Luc and Raymond, the founders of LaserCollege and you have unlimited access to us during this week. We've been in the aesthetic laser industry since 1999. Apart from running our own laser clinics in South Africa and Belgium, we also have experience as importers and distributors of lasers and aesthetic equipment. We welcome open and honest conversations about the challenges and wins we've had throughout our lives. These can be about equipment, treatment, how we do our marketing and so on...

## **Additional Activities and Features**

Welcome drinks Thursday evening at 19:00. This gives an opportunity to get to know the people with who you will spend the week.

Sun-downer on Harties: We have a special treat in store for you. On Sunday afternoon we will all enjoy a special sun-downer and dinner on a party boat on the dam.

For the active: On Tuesday morning we will take morning exercise at the driving range under the guidance of a profession golf coach.

## **Added bonuses**

**When you enrol for the Aesthetic Boot Camp you get a FREE enrolment for the Advanced Aesthetic Technologist Course.**

**This bonus is valued at R32310 (€1795).**

On Friday afternoon, we will have a lucky draw, and one participant will go home with a LazerTouch Laser & LED device.

The LazerTouch is valued at R13441,65.

## **Your host, and the Aesthetic Boot Camp presenter: Raymond Schoeman**

Who am I, and what have I to offer? I'm South African born and opened my first laser clinic in Pretoria, anno 2000. I later become a distributor of lasers and other aesthetic equipment. That has changed in 2010 when I moved to Belgium. It took me a year of two to find my feet again, and the LaserCollege in its current format was established in 2012. Since then I have been dividing my time between Belgium and South Africa.

But, I started with training around 2003 when I realized that there was no place for people to learn about lasers or other light-based technologies at that stage. I developed the first Cosmetic Laser Therapist Course specific to provide clients who bought equipment from me with a scientifically based training. Once word got out about our training, we had a steep growth curve in ALC Laser Training.

We were the first to ensure our training to fulfil all requirements of the European Union Standards and had our training early on underwritten by the Department of Health – Radiation Control and the National Laser Centre in South Africa.

Throughout the years our courses were taught in institutions like Cape Peninsula University of Technology – Somatology, Madge Wallace College of Skin Care and Susca Watts Academy for Advanced Beauty Technology.

We also have various people and institutions bluntly copying our courses and presenting it to their students.

I authored two books. Textbook for Aesthetic Laser Therapy (ISBN 9789402187335) and Aesthetic Laser Treatments – Insider Secrets (ISBN 9789464180657).

The Textbook for Aesthetic Laser Therapy is also available in Dutch, Handboek voor esthetische lasertherapie (ISBN 9789402198676). My ego simply love making sure people know that my book, “Handboek voor esthetische lasertherapie” has been accepted by the Royal Library of the Netherlands in to its Cultural Heritage Collection.

You may also know me from my Professional Beauty South Africa articles or may have read some of my blog articles.

I have hosted and co-hosted various boot camps the past 6 years and can say that I look forward to each boot camp, to be as much of a learning experience for me as for our students.

The mega European expos and conferences I have attended over the past couple of year (min the pandemic off cause) left an impression on me that I gladly share with my students. I have also made it my mission the past year + (to get through the pandemic) to grow my marketing skills, and have now almost worked through 40 of the 65 marketing courses I’ve bought after the first COVID-9 wave.

This year I was also involved in two new courses we launched at LaserCollege. I’m really excited and very thankful to be part of the Multidisciplinary Therapist Course. I also started with a third book that I will talk more about toward the end of the year.

I love to share my knowledge and even more than that, I love learning from other people. Furthermore, I’m looking forward to meeting you at the Aesthetic Boot Camp.

## **Executive training that develops leaders for the aesthetic industry**

The Aesthetic Boot Camp allows for you to enjoy all the benefits of the scientifically based in-depth course plus the mind-growing experience of spending a week with other professionals from the industry.

What do you get when you put a group of people who have a vivid interest in the same subject plus experience and creative ideas together for a week to actively learn about the subject and exchange their experiences and ideas? Pure magic.

During the day you grow your knowledge and practice new skills. In the afternoon and evening you get to share experiences with people who work towards similar goals as you and around the dinner table we have structured discussions on topics like marketing and sales as a service delivery person and not as a salesman, personal development, the influence of culture and cultural change on the industry, how to expand a business and what to look at when buying new equipment.

This does not even begin to describe the after-effect. When you get to return to your everyday life with this experience and get to apply the knowledge to your career and business.

## Aesthetic Boot Camp schedule

### Friday

We start the Aesthetic Boot Camp with an overview of the different technologies used in the aesthetic industry. Then we move on to a comprehensive discussion on safe use of technology.

8:30 Coffee / tea / juice and morning snack

9:00 Welcome and introduction

9:30 Aesthetic physics

Explanation of the different technologies, and variations within these technologies:

- High-power lasers, low-level laser, IPL and LED
- HIFU and low intensity unfocused ultrasound
- Microneedling, microneedling with RF and microneedling with LED
- HIFEM / HI-EMT (High-Intensity Electromagnetic Muscle Trainer)

11:00 Brunch

12:00 Laser treatment parameters. The meaning of each parameter and how they interact.

(Treatment parameters are the different settings you can adjust on your machine.)

- Hair removal,
- tattoo & permanent makeup removal,
- pigmentation removal,
- and fractional & full ablative skin treatments.

14:00 Afternoon snack

14:30 Continuation: Laser treatment parameters

15:00 Safety when working with technology

16:30 End of day

18:00 Dinner

**At the end of this day, you will be confident in your ability to choose and set the treatment parameters on your machine for each individual client. You will also know how to perform a safe and effective treatment.**

### Saturday

8:30 Coffee / tea / juice and morning snack

9:00 Fitzpatrick skin typing

10:00 Discussion of the protocols for laser photothermal and photoacoustic treatments:  
(Protocols are the procedure or system of rules you will follow to complete a treatment.)

- Vascular treatments
- Pigmentation treatments
- Skin rejuvenation
- Tattoo removal

Contra-indications

11:00 Brunch

12:00 Continuation: Protocols for photothermal and photoacoustic treatments.

13:15 Practical demonstration and treatment:

14:00 Afternoon snack

14:30 Continuation: Practical demonstration and treatment

16:00 Creative treatment: how to design your own signature treatment

16:30 End of day

18:00 Dinner

**At the end of this day, you will fully understand skin typing and know the procedure or system of rules you need to follow to complete a successful laser treatment.**

## Sunday

8:30 Coffee / tea / juice and morning snack

9:00 Laser hair removal optimization:

- Laser-tissue interaction that enable laser/IPL hair removal.
- Treatment parameters and protocols for permanent hair removal.
- Differences between lasers used for hair removal, and differences between lasers and IPL's.
- How to reach effective protocols and testing them.
- Different techniques:
  - Pain-free hair removal vs static pulsing
  - Working with cooler / ice-packs.
  - Working with cooling gel.
  - Overlapping.

11:00 Brunch

12:00 Practice of the laser hair removal techniques.

14:00 Afternoon snack

14:30 Switching between the stepping technique and the gliding technique.

15:00 Treatment optimization: laser tattoo removal, skin rejuvenation

16:15 End of day

17:00 Sun-downer cruise on Harties

**At the end of this day, you are a laser hair removal expert with in-depth knowledge and skills to bring every hair removal treatment to success. You know all the possible techniques you can use for laser hair removal. Understanding skin cooling and client comfort during a treatment will be second nature to you.**

## Monday

8:30 Coffee / tea / juice and morning snack

9:00 Microneedling

- Classic microneedling
- Microneedling & RF
- Microneedling & LED

10:30 HIFU and other ultrasound treatments.

11:00 Brunch

12:00 Continuation: HIFU and other ultrasound treatments.

13:00 High-Intensity Electromagnetic Therapy (HIFEM / HI-EMT)

14:00 Afternoon snack

14:30 Continuation: High-Intensity Electromagnetic Therapy (HIFEM / HI-EMT)

15:00 How to buy the correct equipment and dealing with suppliers.

16:30 End of day

18:00 Dinner

**At the end of this day, you will have a broad understanding of various energy-based treatments. You will know the parameters for each type of treatment and be able to procure the equipment that suite you best.**

## Tuesday

8:20 Coffee / tea / juice and morning snack

8:45 Morning exercise at the driving range under the guidance of a profession golf coach

10:00 Implementing business systems and checklists in your business.

11:00 Brunch

12:00 Photobiomodulation and LED therapy

14:00 Afternoon snack

14:30 Continuation: Photobiomodulation and LED therapy

15:30 How to combine different technologies in a treatment

16:00 Lucky draw: one participant will go home with a LazerTouch

16:30 End of Boot Camp

**At the end of this day, you understand and can perform low-level laser and LED treatments like laser lipo, laser acupuncture and chromotherapy. You will also know how to combine different technologies in a treatment or treatment course.**

## Recognition

At the end of the boot camp you will receive your certificate ‘Advanced Aesthetics Boot Camp’ and with it the very sought after ‘LaserCollege Accredited Therapist’ pin.

In addition, we also provide you with artwork that you can use in your marketing.

## Learn how to choose suppliers

One of the biggest takeaways you'll get from the Aesthetic Boot Camp is how to search for equipment and how to communicate with suppliers.

Because you will leave the boot camp with an in-depth understanding of the treatment parameters, you will understand how to evaluate equipment. We teach you how to compare equipment, even if suppliers do everything they can to confuse the comparison. This is a very important skill to have. It will save you unbelievable amounts of money when you have to purchase equipment, for the rest of your career.

This knowledge is not only relevant when buying new equipment. It is just as relevant to get the most out of your existing equipment. The Aesthetic Boot Camp will help you to create at the very least one more stream of business from your existing equipment that you did not realize before.

## Questions and remarks we sometimes get

### **Why do you do need more training than that of the distributor or the manufacturer?**

The training provided with equipment is always biased in favour of the equipment. The training provided by the distributor or manufacturer makes that specific machine look good. And teaches you how to operate that specific machine.

The same training is provided to everyone buying that machine. Thus, you have no edge that puts you ahead of the competition.

Additionally, to this, the training is usually developed by someone with no commercial experience as a salon or clinic owner. Treatment protocols that work wonderfully in a controlled environment, like the factory test lab, tends to go astray the moment it hits the reality of a salon.

You have no broader insight on how to combine this technology with other technologies. Nor an in-deep scientific understanding of applying the technology to complex challenges.

All this has a direct influence on the profitability of your equipment and the rate at which you recover your investment. Thus, does the machine improve the profitability of your business, or is it only another expense draining your business from profit.

### **Why would you pay R70000 for training if the machine cost R200000. Isn't that an overkill?**

We do not provide machine specific training during the boot camp. The make or model of machine that you use has no relevance to the information we provide. The training is about fully

understanding the technology and the treatment parameters. This gives you the freedom to generate business that other clinics in your area cannot.

Let me try to explain with this example. Pulse duration has a profound effect on hair removal treatments. Firstly, you need to understand what thermal relaxation time (TRT) is, and you need to differentiate between thermal relaxation time and thermal damage time (TDT). Based on this, you can evaluate an individual and estimate a base pulse duration. Next, you might have to adjust your pulse duration because of the skin type, extending it for dark skin types. Lastly, alternation of the pulse duration also has an important role when you try to treat light hair. This knowledge can be implemented on any make and model of machine.

Although very little machine specific knowledge can be conveyed to a next machine. Our training remains valid throughout your career.

During the boot camp, you will also learn how to combine technologies and treatment types. This is information that very few distributors or schools can provide you with. The cost and experiences necessary to great a knowledge base like this is simply out of reach for most trainers.

### **I have x years experience. I've already seen everything. Not only that, but I know what works, and why should I invest in this type of training?**

This boot camp is not for everybody, and especially not for someone that already knows everything there is to know.

Since you've been reading up to this point, I do not believe that you're from the 'know-it-all category'.

It can take as little as one new idea to take your business and career to a whole new level. The people you will interact with during boot camp are not your average laser operator. These are people actively searching for better. Better in their skills and better in their businesses. There are very few other places where you will have this concentration of profession therapists and business owners.

The best thing about successful people is that they like sharing ideas and talking about things that worked or haven't worked for them.

A couple of years ago we had a participant on the boot camp who owned an additional attachment to her machine, which costed her thousands of dollars, that she simply was not comfortable using. During the boot camp, she finally 'wrapped her mind around it' and went back to her clinic to take this 'dormant investment' out of the draw and started using it. Within a year, she doubled her clinic.

She suddenly added a new treatment line that a large part of her clientele also came for. She halved her risks, doubled the productivity of her equipment and for a large part grow the live time value of her clients.

### **No law requires this training, it's a luxury.**

Investing in your knowledge and skills is no luxury.

A simple test you can do is to look at the quality businesses and professionals you're dealing with regularly and ask them what and how much they invest in their personal development.

Now, do the same with the mediocre and unprofessional people you have to deal with regularly. The reason for the existence of this training is to put you years ahead of the competition. The idea of a level playing ground only exists to those not willing to invest in their growth and developed.

If you want to run a laser clinic with a R150 000+ monthly turnover, you will need more than an R30 000 beauty school education. This boot camp will only be one of the steps you need to prepare you for it.

### **I cannot be away from my business for a week, there will be nothing left to come back to.**

If this is your scenario, you have a big problem and this boot camp is not going to fix it.

If you want to know what priorities to pay attention to and how to deal with things strategically, the boot camp will make a world of difference for you.

### **Is it now a good time to invest in training following the COVID-19 pandemic and the financial downturn in many countries?**

It is now the best time you will have in a long time to invest in your growth and skill developed.

The businesses that will go under are mainly businesses that only 'jumped on the bandwagon' because they thought its easy money.

Let's say the economy is down 10% (in most countries it's more like 3% to 5%) and let's say that a clinic who is in trouble losses 20% of its clientele due to the economic downturn.

If they have 50 active clients on their books, it scales down to 40 active clients. This may be enough to force the clinic to close down. Yet, there are 40 clients in the middle of their treatment program that will look for another clinic to complete their treatments.

Are you in a position now to attract those 'orphan' clientele and keep them for the long-run?

### **Why choosing Pecanwood Estate as location?**

Pecanwood Estate offers the perfect environment to participate in a high-intensity training like the Aesthetic Boot Camp without clutter or distraction. It provides you with breathing space and a relaxed atmosphere to help you internalize the knowledge and let your thoughts order itself.

We specifically take you out of your daily environment to be able to focus on one thing alone – the boot camp.

The security at Pecanwood Estate is among the best we've ever encountered, and you have every utility at hand you can imagine. Even a medical emergency is no challenges since the estate has its own paramedics and emergency room on-site.

You have access to a 30-meter swimming pool, tennis courts, golf course, driving range, enough distance in the estate to run a marathon, gym and more... Of course, you will probably not make use of these. Because the time you have free, you will spend building new friendships and enjoy the most divine dinners with us.

If you do feel the need to get out of the estate, you find yourself in the 'playground of Gauteng' with every imaginable touristic attraction at hand.

And on top of it, it is really easily accessible from the airports.

### **Do you have a question that is still unanswered?**

Let us know. You can phone us on +27 12 743 6444 (South Africa) or +32 488 428 609 (Belgium). You can also email [info@lasercollege.org](mailto:info@lasercollege.org).

## **Investment**

The investment for the Aesthetic Boot Camp is R79900 (€4566; USD \$5492; CAD \$6887; AUD \$7398).

**Early bird registration before 28 February is R69900.** (€3995; USD \$4804; CAD \$6026; AUD \$6472).

### **Investment options**

To benefit from the early registration discount of 12.5%, you have to register before or on 28 February 2022. Payment of R15000, on registration confirms your registration.

**Learner finance: Initial investment of R19975 and R2004,71 per month over 36 months.**

## **Requirements to register**

This boot camp is suitable for complete beginners and do not require any prior learning to be able to train with us. Many of our students are not beauty trained and are looking to start up a business in the industry. We welcome students of all abilities, whether you are looking to start from scratch, or are currently working as a therapist, or run a salon/clinic and looking to advance your knowledge and skills.

## **How to register**

Go to <https://www.lasercollege.org/aesthetic-boot-camp-registration-2/> and complete the registration form.

When we receive your registration form, we will provide you with a proforma including payment details.

On return of your signed proforma and receipt of R15000 registration deposit, your place is confirmed.

Notes:

- Your registrations is only confirmed on payment of the registration deposit of R15000.
- Full refunds on cancellations will be made up to 28 February 2022.
- Full payment is due before or on 15 April 2022.
- In the event of the event being canceled due to the current pandemic you will have the choice of a full refund if it is not rescheduled to take place before 31 December 2022.

## Time is of the essence

This is not an opportunity that will remain indefinite.

If you want to make use of the early bird discount, you have to ensure that you register before 28 February 2022. This is a saving of 12.5%, R10000.

We have limited places available. Although we've done what we could to increase our capacity for this boot camp, we only have 8 places available. It is on a **first-come-first-serve basis**.

## This boot camp is NOT for everybody

If you're happy with the results you have in your clinic and just want to carry on with the same for an indefinite time. You do not have any competition to deal with, nobody in your area can provide your clients with better serves and results than you. And on top of it, do not favour any change in the way you do things. This boot camp is CERTAINLY NOT for you.

If you have been in business for a while and feel that there are gaps in your knowledge that you need to fill, to be able to move to the next level, this boot camp is for you. This may include better results on your treatments, as well as optimized use of the equipment and resources you have available.

If you are new to the industry and feel overwhelmed or confused by all the contradictory information you get from suppliers and even 'teachers', this boot camp is for you. This allows you to start your career in the industry with advanced knowledge that puts you ahead in the game.

The information provided to you during this boot camp is scientifically based and accurate. It doesn't favour one make or type of equipment above another, but provides you with a clear understand of the differences between equipment and what you can do or cannot do with a machine.

If you have done a previous boot camp with LaserCollege, this boot camp is worth doing as well. It is a completely renewed program that extends far beyond laser and light-based equipment.

Your accommodation for the week (Sunday afternoon to Friday morning) is included in your enrolment. Participants will stay in various villas in Pecanwood Estate. The accommodation is per person sharing. You can arrange a private room at a minimal surcharge.

There will be daily cleaning of the bathrooms and common areas of each villa. Rooms will not be accessed by cleaning staff.

When immersed in the hustle and bustle of everyday life it seems hard to imagine that the ideal escape is situated less than an hour's drive from Johannesburg and Pretoria. Pecanwood Estate Golf and Country Club, situated on the banks of Hartbeespoort Dam and nestled in the rolling hills of the picturesque Magaliesberg Mountains, adds a new dimension to the concept of rest and relaxation.

What's more, this prestigious development is home to South Africa's first Jack Nicklaus signature golf course. It offers a unique combination of superb climate, outdoor activities and residential excellence that result in a lifestyle experience which many aspire to.

## **We're rolling out the red carpet for you.**

### **Pecanwood Estate, Hartbeespoort Dam**

#### **Access and security**

Pecanwood Estate is a comfortable 30 minutes drive from Lanseria Airport and 75 minutes from O.R. Tambo International Airport. Shuttles, taxi services and car rentals are available at both airports.

Pecanwood Estate has 24 hour security and strict entrance control, making it a safe and relaxing environment. The estate also has 24 hour on-site medical response.

#### **Accommodation**

Your accommodation for the week (Sunday afternoon to Friday morning) is included in your enrolment. Participants will stay in various villas in Pecanwood Estate. The accommodation is per person sharing. You can arrange a private room at a minimal surcharge.

There will be daily cleaning of the bathrooms and common areas of each villa. Rooms will not be accessed by cleaning staff.

## **Catering**

I have to warn you that you will have to plan for a diet after the boot camp. Our caterer absolutely indulge our boot camp participants.

Thursday evening we will meet at 7pm for welcome drinks and some finger food. Monday to Friday you will enjoy the following catering:

- 8:30 Tea / coffee / juice with some light snack
- 11:00 Brunch
- 14:00 Tea / coffee / juice with afternoon snack
- 18:00 Diner

All special dietary requests need to reach us before 5 April 2022. This will ensure that our caterer has the opportunity to foresee for your special needs.

## **P.S.:**

- This is a week long, life-time experience aimed at the professional aesthetic therapist and business owner. The knowledge you gain from this boot camp puts you ahead in the game.
- We will share insider secrets with you about the industry, equipment distributors and treatments that you will not get anywhere else in the world.
- The FREE bonus you get with this boot camp is valued at R32310.
- Your accommodation and all meals are included in the enrolment.
- Apart from the educational program, we also make time for relaxation and networking with group dinner each day.
- Additional activities include welcome drinks on Sunday, a sun-downer cruise on Wednesday and trying out some golf swings on Friday morning.
- Lucky draw for a LazerTouch device. Maybe it's your lucky day!

# Practical on-site training.

## Training at your location on your equipment.

- Discover how to set up your laser for each individual treatment. Goodbye to ineffective factory presets that only lead to frustration and disappointment.
- Get your own unique cheat-sheet with the most effective initial treatment protocols for each skin type with your device, and instructions on how to adapt it for follow-up treatments.
- Learn how to correctly apply both the gliding technique and static step technique. Truly pain free treatments with excellent permanent results.
- Discover how to make your treatment pleasant and more effective with the correct cooling techniques. Understand the hair growth cycles of the whole body.
- Get the most out of your laser. Regardless of the make or model of the device. Optimize your investment. Protect your reputation.

## Training on your own machine.

Permanent hair removal with laser is certainly not easy. Many have experienced this after several months or years of experience. The manufacturer-specified protocols and presets on your device rarely deliver optimal results. For best results, it is necessary to use the correct techniques and select the correct custom settings on your device.

Do you like faster and better results?

Would you like to know how to set up your device correctly for each individual customer?

Would you like to know the importance of cooling and the correct choice of pulse length?

Maybe you feel you've reached a plateau somewhere? You know that your treatment results can still be improved, but you have a hard time putting your finger on it. There is not necessarily something wrong, but you feel that something is still missing somewhere.

## This training is for you.

We offer a complete training that consists of 1-day practical training in your own salon or clinic, on your own device. Which enable you to get the most out of your device, and together with that a complete theoretical online course.

## Program for the practical training day at your location.

**Firstly.** We start the day with an observation of the techniques you are currently applying. You perform a treatment on your device in your own clinic. Then we evaluate and discuss the treatment, with emphasis on the technique used.

**Building a foundation.** Theory of permanent hair removal. We discuss the scientific and biological principles that enable permanent hair removal with laser and IPL. Then we go through the treatment parameters and explain how each parameter affects the hair removal process. We end this session with a consideration of the ideal protocol for permanent hair removal on your device. We also teach you how to set up your device correctly for every skin and hair type.

**Different techniques.** After a short break, we are ready to discuss and demonstrate the different techniques for permanent hair removal. This includes working with a skin cooling device, ice packs, working with cooling gel, static versus sliding techniques, overlapping pulses, etc.

**Practice.** Next, we'll get to work, practicing the concepts and techniques we discussed over the morning. The emphasis here is on the techniques that are most appropriate for the particular device you are using and will provide the best results to your clients.

**Finally,** we give an overview of the theory and how it should be applied in practice. We answer your questions and go over the techniques about which there is still uncertainty.

## Training models to work on.

You need to arrange two or three models for the training day. The first model should be in the morning for the start session. For this model, a treatment such as underarms is suitable to show us the technique you have been using until now.

The second (and third) models are needed for the afternoon from 14:00. Here it is good to have a model that wants to treat a large area, such as legs in a lady or back/abdomen-chest on a man. This gives the opportunity to practice the techniques well. The third model is best to be a typical treatment that you have a lot of trouble with.

Try to use models that represent the vast majority of your clients. For example, if your clients are roughly evenly distributed between males and females, have at least one model of each gender. Or if you have a lot of darker-skinned clients, get at least one darker-skinned model.

It is important that your models are not in a rush so that you can take enough time to practice the techniques.

## More than a one-day training.

When you book your practical training, you will also be enrolled for the **Advanced Laser Hair Removal Therapist online course**. This ensures that you get the most out of your training day. The more of the online course you complete in advance, the less time to spend on theory during the training day, and the better prepared you are to get the most value.

## Online course overview

### Laser physics

Laser physics textbook = 150 min.  
 Module assignment = 480 min.  
 Introduction to laser = 6 min.  
 Laser components = 3 min.  
 How laser light is generated = 30 min.  
 Stimulated emission = 1 min.  
 Laser cavity = 4 min.  
 How to apply the treatment parameters to your machine = 120 min.  
 Module evaluation = 210 min. learning + 30 min. test

### Radiation-tissue interaction

Radiation-tissue interaction textbook = 30 min.  
 Module assignment = 480 min.  
 Interaction of radiation with matter = 75 min.  
 Light-tissue interactions = 60 min.  
 Module evaluation = 210 min. learning + 30 min. test

### Laser safety

Laser safety textbook = 60 min.  
 Module assignment = 480 min.  
 Specular and diffuse reflection 1 = 12 min.  
 Specular and diffuse reflection 2 = 8 min.  
 Laser safety video = 8 min.  
 Laser safety video 2 = 60 min.  
 Eye hazard = 4 min.  
 Laser glasses = 10 min.  
 Module evaluation = 210 min. learning + 30 min. test

### Legal issues

Legal issues textbook = 30 min.  
 Module assignment = 480 min.  
 Safety checklist = 15 min.  
 How to Master the Client Consult = 35 min.  
 Laser hair removal over a tattoo = 3 min.

### Class IV lasers and IPL's

Class IV lasers and IPL's textbook = 75 min.  
 Module assignment = 480 min.  
 Laser hair removal, an overview = 25 min.  
 IPL vs Laser = 12 min.  
 IPL hair removal = 2 min.

Laser hair removal = 5 min.  
 Laser hair removal 2 = 1 min.  
 Laser – male facial hair removal = 5 min.  
 Diode laser hair removal = 2 min.  
 Skin cooling = 75 min.  
 Module evaluation = 210 min. learning + 30 min. test

### **Skin biology**

Skin biology textbook = 30 min.  
 Module assignment = 480 min.  
 The skin = 5 min.  
 Fitzpatrick skin types = 5 min.  
 Understanding Fitzpatrick skin types = 55 min.  
 How to cleanse your skin = 3 min.  
 Module evaluation = 210 min. learning + 30 min. test

### **Hair biology**

Hair biology textbook = 30 min.  
 Module assignment = 480 min.  
 Hair biology video = 4 min.  
 Hair growth = 20 min.  
 Hair growth cycle = 1 min.  
 The hair follicle = 4 min.  
 Module evaluation = 210 min. learning + 30 min. test

### **Laser hair removal in practice**

Laser hair removal in practice textbook = 90 min.  
 Module assignment = 480 min.  
 Does your laser work as it should? = 5 min.  
 Static pulsing / stepping technique = 20 min.  
 Hair removal: Pain-free hair removal, or gliding technique = 20 min.  
 Demonstration of both gliding and stepping techniques = 30 min.  
 Module evaluation = 210 min. learning + 30 min. test

### **Last thoughts...**

Hair growth from testosterone treatment = 5 min.  
 Laser hair removal in slow motion = 10 min.  
 Diode handpiece components = 1 min.  
 Marketing Techniques for Aesthetics Practitioners = 15 min.

## **Course duration.**

The total course duration is 121 hours. It consists of 9 hours (one full day) on-site practical training and 112 hours for the Advanced Laser Hair Removal Therapist online course.

## **Prerequisite.**

This course is suitable for complete beginners and requires no prior training in aesthetics or medicine to study with us. Many of our students are not trained in beauty and want to start a business in the industry. We welcome students of all levels, whether you want to start from scratch, or are currently working as a therapist and want to increase your knowledge and skills.

## **Any brand or model of device.**

All hair removal lasers use the same scientific principle to achieve lasting results. We help you understand these principles. You will learn how to translate this into treatment parameters, and once you have the skills to do this, you can use any laser successfully. Regardless of brand or model.

## **Meet your instructor.**

My name is Raymond Schoeman and I look forward to helping you get the best from your equipment.

I have been a laser therapist since 2000 and still have my on laser clinic. I have also been a distributor of medical lasers in South Africa for about 10 years and have over 15 years experience in training aesthetic laser therapists.

I am the author of two books on laser treatments; Aesthetic Laser Treatments (ISBN 9789464359015) and Aesthetic Laser Therapy Handbook (ISBN 9789402198676). Both these books are part of the heritage collections of both the Royal Library of Belgium and the Royal Library of the Netherlands.

## **Training on multiple machines.**

If you have multiple devices, or can do multiple types of treatments with your machine, we can teach you multiple devices and treatments during the on-site training. Keep in mind that it is most productive to learn one treatment type per day. You will benefit much more from two training days with two different subjects than from one training day with a series of subjects.

# Advanced Aesthetic Technologist Course

**This course provides you as therapist with in-depth knowledge over a wide range of technologies and treatments.**

- Achieve Consistent Treatment Results
- Light, RF, Ultrasound, HIFEM / HI-EMT, Microneedling (CIT), Microdermabrasion
- Discover various techniques and methodologies
- Pleasant and fun learning - Easy and convenient
- Know How To Choose Your Treatment Parameters
- Relevant and unbiased training. Trainers with actual experience

**Laser + IPL + LED + Microdermabrasion + Microneedling + High-Intensity Focused Ultrasound (HIFU) + High-Intensity Electromagnetic Therapy (HIFEM / HI-EMT)**

The aesthetic industry has become high-tech in the last decade. Even the smallest home-based salon now has a handful of machines. And in most countries around the world there are few regulations to many of the new technologies. Most salon owners simply order their equipment online from another country. But, where do you learn how to get the most from your equipment. And provide you clients with a superior experience and results.

**The Advanced Aesthetic Technologist Course is an in-depth, scientifically-based course that allows you to excel.**

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)

You'll learn through a combination of videos, assignments, reading, and live consultations with other therapists.

## **Make sense of your equipment, the treatment protocols, client interaction and results.**

This course is underwritten in South Africa by the **Department of Health** – Radiation Control and the **National Laser Centre**. On completion of the course, your certificate is **accredited in 136 countries, world-wide**. This includes all member states of the European Union, Australia, Canada and New Zealand, to name a few.

### **Course overview**

#### **Skin biology**

Skin biology textbook = 60 min.

The skin = 4 min.

How to clean skin = 3 min.

Fitzpatrick skin types = 4 min.

Understanding Fitzpatrick Types = 46 min.

Veins explained = 1 min.

Varicose veins = 4 min.

Varicose veins 2 = 2 min.

Endovenous laser ablation = 5 min.

Spider veins removal = 2 min.

Melanoma = 4 min.

Laser pigmentation removal = 1 min.

Evaluation Skin Biology = 240 min. (210 min. learning + 30 min. test)

#### **Adipose biology**

Adipose biology textbook = 135 min.

Adipose tissue summery = 75 min.

Assignment = 480 min.

Basics of Metabolism = 12 min.

Digestion, Mobilization, and Transport of Fats – Part I = 11 min.

Digestion, Mobilization, and Transport of Fats – Part II = 15 min.

Lipoproteins, Apolipoproteins, and Familial Dyslipidemias = 48 min.

Adipose Connective Tissue = 9 min.

Fat cells and fatty tissues = 3 min.

How do your fat cells shrink? = 3 min.

How fat loss works in your body, storage and release = 5 min.

Fat and Muscle = 5 min.

Inner body fat = 2 min.

How does fat leave the body when you lose weight? = 3 min.

#### **Hair biology**

Hair biology textbook = 30 min.

Assignment = 480 min.  
 Hair biology explained = 4 min.  
 Hair growth = 18 min.  
 Hair growth cycle = 1 min.  
 The hair follicle = 4 min.  
 Evaluation of hair biology = 240 min. (210 min. learning + 30 min. test)

### **Radiation-tissue interaction**

Radiation-tissue interaction textbook = 30 min.  
 Assignment = 480 min.  
 Effects of Electromagnetic Fields on Organs and Tissues = 80 min.  
 Interaction of radiation with matter = 75 min.  
 Intended Human Exposure to Non-Ionizing Radiation for Cosmetic Purposes = 210 min.  
 Laser Tissue Interaction – Med = 54 min.  
 Light-tissue interactions = 68 min.  
 Evaluation of Radiation-tissue interaction = 240 min. (210 min. learning + 30 min. test)

### **Safe use of technology**

Laser safety textbook = 60 min.  
 Assignment = 480 min.  
 Laser Safety Overview = 19 min.  
 Specular and diffuse reflection 1 = 11 min.  
 Specular and diffuse reflection 2 = 8 min.  
 Laser safety video = 8 min.  
 Eye hazard = 9 min.  
 Introduction to Skin Rejuvenation with Energy Based Devices = 128 min.  
 Evaluation of Safe use of technology = 240 min. (210 min. learning + 30 min. test)

### **Legal issues**

Legal issues textbook = 60 min.  
 Assignment = 480 min.  
 Safety checklist – Laser & IPL = 15 min.  
 Examples of consent forms – Lasers = 105 min.  
 Examples of consent forms – Microdermabrasion = 45 min.  
 Example consent forms – Microneedling = 75 min.  
 Examples of consent forms – HIFU = 60 min.  
 Examples of consent forms – Electromagnetic Field Treatments = 60 min.

### **Photobiomodulation**

Photobiomodulation textbook = 120 min.  
 Assignment = 480 min.  
 What is low level laser? = 8 min.  
 Indications and Contraindications for Cold Laser Treatment = 28 min.  
 Client's response = 7 min.

Hair growth = 4 min.  
 LLLT in sports injuries = 3 min.  
 Weight loss = 5 min.  
 Anti-smoking = 3 min.  
 Carpal tunnel syndrome = 5 min.  
 What is LED therapy? = 3 min.  
 Review of LED = 8 min.  
 Acne treatment = 3 min.  
 Face wrinkles = 3 min.  
 Low-level laser lipo = 30 min.  
 Body sculpting options = 8 min.  
 LLLT hair growth stimulation = 15 min.  
 Low-level laser therapy for treatment of hair loss = 75 min.  
 Female Hair Loss = 8 min.  
 General Information on Low-Level Laser Acupuncture = 75 min.  
 Advantages of laser acupuncture = 15 min.  
 Auricular Acupuncture with Laser = 120 min.  
 Clinical effectiveness of laser acupuncture in the treatment of temporomandibular joint disorder = 30 min.  
 Clinical Effectiveness of Laser Acupuncture = 120 min.  
 Comparison of Three Protocols: Dietary Therapy and Physical Activity, Acupuncture, or Laser Acupuncture in Management of Obese Females = 60 min.  
 Laser Acupuncture Fertility Treatment = 8 min.  
 Evaluation of Photobiomodulation = 240 min. (210 min. learning + 30 min. test)

#### **Class IV lasers and IPL's**

Class IV lasers and IPL's textbook = 120 min.  
 Skin cooling techniques = 64 min.  
 IPL Skin rejuvenation = 6 min.  
 IPL face treatment = 3 min.  
 IPL hair removal = 2 min.  
 Laser hair removal = 5 min.  
 Laser hair removal 2 = 1 min.  
 Does your laser work as it should? = 5 min.  
 Static pulsing / stepping technique = 18 min.  
 Pain-free hair removal, or gliding technique = 18 min.  
 Demonstration of both gliding and stepping techniques = 26 min  
 Laser skin peel = 1 min.  
 Laser acne scare removal = 2 min.  
 Dental laser = 5 min.  
 Skin rejuvenation = 7 min.  
 How to failure diagnose when you're not getting the results you've expected = 15 min.  
 Ablative Lasers = 30 min.  
 Assignment = 480 min.  
 Laser Skin Resurfacing: Erbium, YAG, and Fractionated CO2 = 7 min.  
 Fractional CO2 Laser Facial Rejuvenation = 5 min.  
 Erbium light peel = 5 min.

Erbium stretch mark removal = 2 min.  
 Light therapy in practice = 90 min.  
 How to apply the treatment parameters to your machine = 120 min.  
 Evaluation of High-power Lasers & IPL = 240 min. (210 min. learning + 30 min. test)

### **Laser tattoo removal**

How laser tattoo removal works textbook = 30 min.  
 Assignment = 480 min.  
 How tattoo removal works = 10 min.  
 Non-Laser Tattoo Removal Options = 15 min.  
 Laser tattoo removal pre-care = 15 min.  
 Aftercare textbook = 30 min.  
 Aftercare following a laser tattoo removal treatment = 15 min.  
 Laser Tattoo Removal, Precautions, and Unwanted Effects = 120 min.  
 How many sessions does laser tattoo removal take = 5 min.  
 Understanding the Kirby-Desai scale = 120 min.  
 Calculating sessions needed = 15 min.  
 10 Points to discuss during a consultation = 30 min.  
 Case studies = 50 min.  
 Laser equipment for tattoo removal = 30 min.  
 Comparison between nanosecond and picosecond lasers = 9 min.  
 Picosecond Laser: Lies, Myths and Dangers = 16 min.  
 Wavelengths and colour targets = 10 min.  
 Evaluation of Laser Tattoo Removal = 240 min. (210 min. learning + 30 min. test)

### **Microdermabrasion**

Microdermabrasion background = 15 min.  
 The Basics = 15 min.  
 Microdermabrasion, an overview = 23 min  
 What is microdermabrasion = 2 min.  
 Microdermabrasion explained = 16 min.  
 MicroDermabrasion Diamond Tip Versus Crystals = 2 min.  
 Demonstration of microdermabrasion treatment = 22 min.  
 Microdermabrasion Skin Care and Beauty Tips = 7 min.  
 Microdermabrasion – Procedures = 3 min.  
 10 Step Microdermabrasion = 3 min.  
 Contraindications = 10 min.  
 Aftercare for microdermabrasion = 10 min.  
 Microdermabrasion, Oxygen Infusion and LED Therapy = 10 min.  
 Diamond Tip Microdermabrasion Machine – Cleaning = 1 min.  
 Evaluation of Microdermabrasion = 170 min (150 min. learning time + 20 min. test)

### **Collagen induction therapy (Microneedling)**

Collagen induction therapy textbook = 30 min.  
 Microneedling Contraindications = 15 min.  
 Microneedling Precare = 15 min.

Microneedling Aftercare = 15 min.  
 Dermaroller vs. Dermapen = 6 min.  
 Time between microneedling treatments = 9 min.  
 Microneedling for hair growth = 11 min.  
 Dermaroller training video = 5 min.  
 SkinPen training video = 18 min.  
 DermaPen Training Video = 17 min.  
 CIT hair regrowth treatment = 4 min.  
 Microneedling & LED = 38 min.  
 How Platelet-Rich Plasma Works = 4 min.  
 Microneedling with PRP demonstration 1 = 12 min.  
 Microneedling with PRP demonstration 2 = 5 min.  
 Microneedling with RF demonstration 1 = 6 min.  
 RF Microneedling for body treatments = 2 min.  
 RF Microneedling With PRP = 7 min.  
 RF Microneedling with LED = 23 min.  
 Allergic Granulomatous Reaction and Systemic Hypersensitivity Associated With Microneedle = 60 min.  
 Some tips to make injections more comfortable = 8 min.

### **High-intensity focused ultrasound (HIFU)**

High-intensity focused ultrasound (HIFU) textbook = 60 min.  
 A Medical History of HIFU = 55 min.  
 Effect of HIFU on fat = 2 min.  
 Ultherapy vs. HIFU = 24 min.  
 Demonstration Ultralift HIFU Facial = 21 min.  
 HIFU vaginal tightening pre-treatment and treatment = 8 min.

### **High-Intensity Electromagnetic Therapy (HIEMT)**

High-Intensity Electromagnetic Therapy (HIEMT) – 15 min  
 HIEMT Overview – 6 min  
 What Types of Fat Can be Treated With HIEMT – 3 min  
 Electromagnetic stimulation VS. Microcurrent stimulation – 52 min

### **In easy English.**

Many of our students do not have English as first or even second language. For this reason, we present our courses in easy to understand everyday English.

### **Course duration.**

The course durations is 170 hours.  
 Expected completion time is 6 month part-time.

**No pressure.**

We do not believe that you can perform at your best when you're under pressure and therefore we do not put you under pressure. You have unlimited time to complete the course.

If you have to take time out to care for your family or business, it is no problem. Next time you log in, you can simply continue from exactly where you have stopped previously.

And if you have to go back to study material you've previously complete it is also not a problem. You can go back to previous modules and sections as much and often as you have to.

**What to expect from the learning platform when you enrol.**

As you already know, the course is divided into multiple modules.

Each module starts with a textbook section relevant to the module.

Following the textbook section you will get your module assignment. This assignment can be done offline and then be uploaded or you can enter it directly in via the online text editor.

Next you will find a section with videos and text documents that explain and demonstrate the topics taught in the module.

Once, you have completed your assignment you will have access to the module test. This is an open book, online test limited in time.

On completion of the module test you are ready to move on to the next module.

**Relevant and unbiased training.**

LaserCollege is not affiliated with any manufacturer or distributor.

The content of the course is applicable to all types and makes of laser, IPLs and LEDs.

You will learn about the positives, as well as the negatives of different technologies and types of equipment. We also tell you the good and bad of the various types of treatments.

All LaserCollege trainers and course coordinators have commercial experience. This means that we can answer your questions about running a laser clinic and dealing with clients from a practical point-of-view.

**Your certificate is accepted in 136 countries.**

Yes that is correct. Your certificate will be recognized and accepted in 136 countries worldwide.

Our certificates do not guarantee you with all legal rights to operate a laser clinic in all countries all over the world. You still have to comply with additional local regulations where applicable.

Your certificate guarantees you that you have received the most advanced training available.

**LaserCollege: mark of quality.**

Our students are popular all over the world. To such extent that we get request from clinics and employers on a daily basis to refer students to them on completion of their studies.

And we get even more request of clients to refer them to reliable and professional clinic in their local areas.

## **An advanced course in laser therapy without a practical session.**

The average student that enrolls for this course already has more than two years practical experience. By this time you know how to use your machine better than anyone else. You also know that it will not benefit you to learn how to operate a machine you will never work with. This course provides you with the knowledge to step up to the next level.

## **Types of equipment and wavelengths.**

This course is not limited to any type of device or wavelength. This course is first principles based. It means that we teach you the meaning and effects of the treatment parameters. You can apply this to any type or make of machine.

For example, we teach you the effect of pulse duration. Which pulse duration is most effective for hair removal. Why and how to use it to improve your results. The pulse duration can be adjusted in different ways on different devices, but the effects will be the same.

## **Requirements to enrol.**

This course is suitable for complete beginners and do not require any prior learning to be able to train with us. Many of our students are not beauty trained and are looking to start up a business in the industry. We welcome students of all abilities, whether you are looking to start from scratch, or are currently working as a therapist and looking to advance your knowledge and skills.

## **Course start times.**

You can enrol and start your course at any moment. There are no fixed times to begin with the course.

## **Course materials.**

We provide you with all study materials needed to complete the course.

You will have full access to the online student platform 24 hours every day of the year. You will receive an e-copy of the textbook for your smart devices.

## **Time is of the essence.**

The human mind is the most wonderful thing. It has the capability to create and eliminate time as we tell it to do. If you do not make the decision to enrol for this course now; your mind will start looking for the next thing to bring to your attention without delay. And magically you will run out of time before you have finished reading the page.

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If you convinced yourself that this course will give you the value you are seeking to improve your knowledge and skills as laser therapist. You have to decide now to enrol. If you do not, your mind will take that as an instruction that you are not interested and your life will move on as usual.

“Now, that does not sound bad at all”; you may say. But, how many of the things you have in your life, that you treasure, have you obtained without making a decision and acting on it? Have you build your life to what it is because you’ve avoided making decisions?

Once you moved on from this page, it will become just another web page. Like thousands of others you have viewed lately. You will not benefit from it and you will not come back to it tomorrow, since tomorrow will be filled with a thousand other things.

If you want the life you know you are capable of having, you don’t have the luxury of postponing this decision.

## **Recognition for being the achiever you are.**

LaserCollege students and graduates are a rare breed of achievers and we believe that your community and clients deserves to know that they are dealing with a leader of the industry.

We communicate this in various ways to your community. When you enrol for this Advanced Aesthetic Technologist Course , you will receive a lapel pin identifying you as ‘LaserCollege Student’. We highly recommend that you wear this lapel pin to assure your clients that you’re busy working on improving your skills and knowledge.

On completion of this course you will receive your lapel pin identifying you as ‘LaserCollege Graduate’ with your certificate and declaration.

In addition we also provide you with window stickers to make it known that your clinic has a LaserCollege graduated therapist and we provide you with digital artwork that you can use in your marketing material.

# Avant-garde Laser Therapist Course

**The most complete laser and light-based training you will enjoy online and offline.**

- Achieve Consistent Treatment Results
- Improve your client relationships
- Discover various techniques and methodologies
- Pleasant and fun learning - Easy and convenient
- Know How To Choose Your Treatment Parameters
- Relevant and unbiased training. Trainers with actual experience

My experience with the course has been pleasant and fun. I've enjoyed the set up. This has made my study process very easy and convenient. My expectations have definitely been met. I've enjoyed the addition of YouTube videos and links to visualize the theory work. The design of the course overview is very helpful. The layout of the module exams have been fun and easy to manage. It was great to have a challenge at the end of each module. The flexible hours has made this extremely convenient as I work a full time job. I decided to do this course because of the content that is covered and because of the reviews that I found and read up on. I wanted to be fully qualified before working with laser hair removal at the clinic I am employed at and found that this course has given me what I need to adapt my knowledge to the device I am working with. I think the price is fair.

**Savannah van der Heever**

**The Avant-garde Laser Therapist Course is an in-depth, scientifically-based course that allows you to excel.**

**The Avant-garde Laser Therapist course** is the most complete laser and light-based training you will enjoy online and offline. It is a high-quality practical, scientifically-based course that takes you through a complete journey of learning and discovery.

This is a training program that takes you by the hand and helps you study and understand all aspects of laser and light therapy. It helps you make sense of your equipment, the treatment protocols, client interaction and results.

The Avant-garde Laser Therapist course *teaches you how to...*

- achieve consistent treatment results
- understand the light-tissue interaction enabling the treatment
- choose your treatment parameters
- improve your client relationships

You'll learn through a combination of videos, assignments, reading, and live consultations with other therapists.

### **Make sense of your equipment, the treatment protocols, client interaction and results.**

The Avant-garde Laser Therapist course is an **all-inclusive 11 module course with training on topics** like:

- Laser Physics
- Radiation-tissue Interaction
- Laser Safety
- Legal Issues
- Low Level Laser Therapy
- Class IV lasers and IPLs (hair removal, tattoo removal, vascular and pigmentation treatments)
- Skin Biology
- Hair Biology
- Light Therapy in Practice
- Ablative lasers
- And more...

This course is underwritten in South Africa by the **Department of Health** – Radiation Control and the **National Laser Centre**. On completion of the course, your certificate is **accredited in 136 countries, world-wide**. This includes all member states of the European Union, Australia, Canada and New Zealand, to name a few.

### **In easy English.**

Many of our students do not have English as first or even second language. For this reason, we present our courses in easy to understand everyday English.

## What you will discover and gain during this course

### Laser Physics

In module one you will:

- Gain an in-depth understanding of laser physics and why some treatments work and others fail for no obvious reason.
- Discover which technology and machine will be the best suited for the treatments you want to provide.
- Discover everything there is to know about treatment parameters and understand how they interact. You will know how to adjust treatment parameters to get the results you're looking for.
- Know how to talk to a sales representative of equipment. And know when someone is trying to sell you 'alternative truths'.

Laser physics Book – 150 min

Module assignment – 480 min

Introduction to laser – 2 min

Stimulated emission – 4 min

How laser light is generated – 60 min

Explanation of laser fundamentals – 6 min

Laser cavity – 2 min

Module evaluation = 210 min. learning + 30 min. test

How to apply the treatment parameters to your machine – 120 min

### Radiation-tissue Interaction

In module two you will:

- Discover the secrets of laser-tissue interactions that enable the treatments you can do with your equipment. This knowledge allows you to design your unique signature treatments and put you ahead of the competition.
- Understand why you get a reaction in one person and not in another. Understand possible side effects, that helps you to prevent it. As well as dealing with it safe and effectively when it happens.

Radiation-tissue interaction textbook – 30 min

Module assignment = 480 min

Interaction of radiation with matter – 60 min

Laser Tissue Interaction 1 – 54 min

Laser Tissue Interaction 2 – 68 min

Module evaluation = 210 min. learning + 30 min. test

## **Laser Safety**

In module three you will:

- Learn all about laser safety for both your client and yourself.

Laser safety textbook – 60 min

Module assignment – 480 min

Laser Safety Overview – 19 min

ANSI Z136.1 and 136.3 standards – 60 min

Specular and diffuse reflection 1 – 11 min

Specular and diffuse reflection 2 – 8 min

Laser safety video – 8 min

Biological Effects of Lasers on eyes – 17 min

Eye hazard – 9 min

Laser Safety Glasses – 13 min

Classification of lasers – 2 min

Understanding laser classifications – 25 min

Module evaluation = 210 min. learning + 30 min. test

## **Legal Issues**

In module four you will:

- Discover how to deal with legal issues when providing laser treatments.

Legal issues textbook – 30 min

Module assignment – 480 min

Safety checklist – 20 min

Examples of consent forms – 60 min

Laser hair removal over a tattoo – 3 min

## **Low Level Laser Therapy**

In module five you will:

- Discover low-level laser and LED therapies, commonly known as biomodulation. This is a very lucrative segment of the industry that most clinic owners simply ignore.
- Learn the secrets to combine low-level treatments with other types of treatments that will greatly increase your profit.
- Discover why you do not have to spend a lot of money on expensive equipment to provide a service that distinguish you from the competition.

Low-level laser and LED therapy textbook – 120 min

Module assignment = 480 min

Indications and Contraindications for Photobiomodulation – 28 min

What is low level laser? – 8 min

Client's response – 7 min

Hair growth – 4 min

LLLT in sports injuries – 3 min  
 Weight loss – 5 min  
 Anti-smoking – 3 min  
 Carpal tunnel syndrome – 5 min  
 What is LED therapy? – 3 min  
 Review of LED – 8 min  
 Acne treatment – 3 min  
 Face wrinkles – 3 min  
 Body Sculpting Options – 8 min  
 Module evaluation = 210 min. learning + 30 min. test

### **Class IV lasers and IPL's**

In module six you will:

- Learn about hair removal, vascular treatments, pigmentation treatment, tattoo removal and IPL skin rejuvenation. Even if you do not provide a specific treatment type you will still be able to provide your clients with solid advice.
- Discover how the treatments you provide fit in the bigger spectrum of treatments. Allowing you to create your own unique niche.
- Learn about the different types of machines and what is possible with each.

Class IV lasers and IPL's textbook – 120 min  
 Module assignment = 480 min  
 Skin cooling techniques and its impact on laser applications in dermatology – 65 min  
 Laser hair removal, an overview – 22 min  
 IPL face treatment – 3 min  
 IPL Skin rejuvenation – 6 min  
 IPL hair removal – 2 min  
 Laser hair removal – 5 min  
 Laser hair removal 2 – 1 min  
 Laser skin peel – 5 min  
 Laser acne scare removal – 2 min  
 Dental laser – 5 min  
 Skin rejuvenation – 7 min  
 How laser tattoo removal works – 15 min  
 How laser tattoo removal works 2 – 10 min  
 Wavelengths and colour targets for tattoo removal – 15 min  
 Tattoo overview – 8 min  
 Sessions for Laser Tattoo Removal – 5 min  
 How to failure diagnose when you're not getting the results you've expected – 20 min  
 Module evaluation = 210 min. learning + 30 min. test

### **Skin Biology**

In module seven and eight you will:

- Learn about skin and hair biology that is relevant to you.

- Fully understand the Fitzpatrick scale and know how to apply it.
- Understand lesions and veins and knows when to advise a client to seek medical treatment.

Skin biology textbook – 135 min  
 Module assignment = 480 min  
 The skin – 4 min  
 How to clean the skin – 3 min  
 Fitzpatrick skin types – 4 min  
 Understanding Fitzpatrick Types – 46 min  
 Veins explained – 1 min  
 Varicose veins – 3 min  
 Varicose veins 2 – 2 min  
 Endovenous laser ablation – 5 min  
 Spider veins removal – 2 min  
 Melanoma – 4 min  
 Laser pigmentation removal – 1 min  
 Skin, light and beauty – 54 min  
 Module evaluation = 210 min. learning + 30 min. test

### **Hair Biology**

Hair biology textbook – 30 min  
 Module assignment = 480 min  
 Hair biology explained – 4 min  
 Hair growth crash course – 18 min  
 Hair growth cycle – 1 min  
 The hair follicle – 4 min  
 Module evaluation = 210 min. learning + 30 min. test

### **Light Therapy in Practice**

In module nine you will:

- Bring everything together in this practical module and know how to implement your knowledge. From having a consultation to aftercare.
- Discover the secret benefits of checklists and how to implement them in your clinic/salon.
- Learn how to best take care of our equipment. This knowledge will save you thousands for many years to come.

Light therapy in practice textbook – 90 min  
 Module assignment = 480 min  
 Laser hair removal review – 3 min  
 Laser tattoo removal review – 4 min  
 Client consultation – 31 min  
 Does your laser work as it should? – 15 min  
 Hair removal: Static pulsing / stepping technique – 19 min  
 Hair removal: Pain-free hair removal, or gliding technique – 17 min  
 Demonstration of both the gliding and stepping methods – 26 min

Marketing Techniques for Aesthetics Practitioners – 15 min  
 Module evaluation = 210 min. learning + 30 min. test

### **Ablative Lasers**

In module ten you will:

- Learn about ablative lasers and treatments. This range from fractional to full ablative treatments.
- Get to know how to advise your clients on ablative treatments, even if you do not provide the treatments yourself.
- Discover the complementary treatments for these type of laser treatments.

Ablative Lasers textbook – 30 min

Module assignment = 480 min

Ablative laser after face lift – 7 min

Er:YAG vs. CO2 – 7 min

Fractional CO2 facial rejuvenation – 5 min

Er:YAG peel – 5 min

Stretch mark removal – 2 min

### **Review and more**

Hair growth from testosterone treatment – 5 min

### **Course duration.**

The total course duration is 146 hours.

This is the actual time you need to complete all the course activities at least once.

The course is usually completed on a part-time schedule in 20 weeks. This means that the average student spend one and a half hours, five days a week, on the course.

You are not bound by a fixed schedule and it is possible to complete the course in less time. On the other hand, if you need to take time out during the course to care for your family or business it is no problem. Our smart learning platform adapt to your schedule.

### **No pressure.**

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And if you have to go back to study material you've previously complete it is also not a problem. You can go back to previous modules and sections as much and often as you have to.

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## **Types of lasers/IPLs/LEDs and wavelengths.**

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## **Recognition for being the achiever you are.**

LaserCollege students and graduates are a rare breed of achievers and we believe that your community and clients deserves to know that they are dealing with a leader of the industry.

We communicate this in various ways to your community. When you enrol for this Avant-garde Laser Therapist Course, you will receive a lapel pin identifying you as 'LaserCollege Student'. We highly recommend that you wear this lapel pin to assure your clients that you're busy working on improving your skills and knowledge.

On completion of this course you will receive your lapel pin identifying you as 'LaserCollege Graduate' with your certificate and declaration.

In addition we also provide you with window stickers to make it known that your clinic has a LaserCollege graduated therapist and we provide you with digital artwork that you can use in your marketing material.

## **You Have No Risk To Enrol. This is the boldest guarantee you will get.**

LaserCollege 100% guarantee you'll love your LaserCollege course and that it will provide you with much more value than what you have paid for.

If you feel on completion of your course that it didn't live up to this guarantee, LaserCollege will refund you in full. Just email or call me, Raymond Schoeman, for a prompt and courteous refund.

## **What our students say!**

Were your expectation met by the course?

*"I can say confidently yes! As I had no idea at all about the difference between most of the laser types and their uses. Now its very much improvement for me."*

What made you decide to do the course?

*"I was searching for a laser course online as I have a baby and restricted in time to attend classes. I am planning to work with laser in the future after my daughter starts kindergarten."*

Do you think the price is fair?

*“Yes, I think the price is fair for me.”*

**Rania Noman from Sweden**

Were you expectation met by the course?

*“Oh, what an experience! I will recommend others to enroll for your courses. Your courses are scientific, professional and of high quality, I therefore cannot add or subtract anything from the contents of the courses. For my career move, I found the contents of these courses to be critically essential.”*

Do you think the price is fair?

*“Relatively to the courses contents the pricing is fair.”*

**Dr. Bikane from South Africa**

Where your expectations met by the course?

*“As a whole the course was completely different to what I expected. I expected a more practical and hands on course however was met by a more business side to running a laser clinic. I was pleasantly surprised by this as it helped me, not only to learn about the different types of laser, skin types and treatments, but also how to market them, how to deal with clients and how to financially support it.”*

What made you decide to do the course?

*“I decided to start the course when I started a new job as a receptionist in cosmetic clinic. I became more and more interested in the treatments and wanted to further my knowledge.”*

Do you think the price is fair?

*“I think the course is fairly priced as I have seen others set at a much higher price.”*

**Tewsdlay Moore-Jones from Spain**

**ENROL NOW for this exceptional Avant-garde Laser Therapist Online Course**

Please visit <https://www.lasercollege.org/avant-garde-laser-course/> for pricing and availability.

# Advanced Laser Hair Removal Therapist Course

## Taking you to the next level.

- Consistent results, treatment after treatment.
- Focuses on laser hair removal only. Solid state and diode lasers.
- All treatment techniques. Strong foundation to build your career

The Advanced Laser Hair Removal Therapist Course is for the therapist that wants to specialise in laser hair removal. This course focuses on hair removal only.

The Advanced Laser Hair Removal Therapist Course will give you a strong foundation to build your career on. As you read through the course overview below you will find that the course consists of didactic as well as practical components and is structured in such a way that you expand your knowledge in a logical manner. With the power of the internet you are free to complete your training from anywhere.

On successful completion of the course you will receive a certificate stating that you have completed the training course for “ADVANCED LASER HAIR REMOVAL THERAPIST”, a valuable asset that you can display with pride. Your certificate is not just an asset to display, but will open-up many doors in the future for you in your career.

## Discover the secrets

This specialization course let you discover every secret there is to know about laser hair removal. Become the go-to laser hair removal specialist in your community.

*A statistical analysis of laser and pulsed light hair removal procedures carried out in 2017 reveals that out of the total number of procedures:*

- 1.9% were 18 years and under,
- 39.6% aged 19-34,
- 40.2% aged 35-50,
- 14.9% aged 51-64,
- and 2.3% were 65 and above.

11% of the people who have experienced at least one laser hair removal session said that they experienced no pain at all. 84% of patients said that they experienced mild-to-moderate pain levels during the treatment.

## In easy English.

Many of our students do not have English as first or even second language. For this reason, we present our courses in easy to understand everyday English.

## Prerequisite

This course is suitable for complete beginners and do not require any prior learning in aesthetics or medicine to be able to train with us. Many of our students are not beauty trained and are looking to start up a business in the industry. We welcome students of all abilities, whether you are looking to start from scratch, or are currently working as a therapist and looking to advance your knowledge and skills.

## Course overview

Below, you find a list of all the activities for each module. An activity can be a textbook chapter, text file (explanation), video (explanation and demonstration), assignment and evaluation. With each activity you will find the allocated time in minutes needed to complete the activity once.

### Laser physics

Laser physics textbook = 150 min.

Module assignment = 480 min.

Introduction to laser = 6 min.

Laser components = 3 min.

How laser light is generated = 30 min.

Stimulated emission = 1 min.

Laser cavity = 4 min.

How to apply the treatment parameters to your machine = 120 min.

Module evaluation = 210 min. learning + 30 min. test

### Radiation-tissue interaction

Radiation-tissue interaction textbook = 30 min.

Module assignment = 480 min.

Interaction of radiation with matter = 75 min.

Light-tissue interactions = 60 min.

Module evaluation = 210 min. learning + 30 min. test

### Laser safety

Laser safety textbook = 60 min.

Module assignment = 480 min.  
 Specular and diffuse reflection 1 = 12 min.  
 Specular and diffuse reflection 2 = 8 min.  
 Laser safety video = 8 min.  
 Laser safety video 2 = 60 min.  
 Eye hazard = 4 min.  
 Laser glasses = 10 min.  
 Module evaluation = 210 min. learning + 30 min. test

### **Legal issues**

Legal issues textbook = 30 min.  
 Module assignment = 480 min.  
 Safety checklist = 15 min.  
 How to Master the Client Consult = 35 min.  
 Laser hair removal over a tattoo = 3 min.

### **Class IV lasers and IPL's**

Class IV lasers and IPL's textbook = 75 min.  
 Module assignment = 480 min.  
 Laser hair removal, an overview = 25 min.  
 IPL vs Laser = 12 min.  
 IPL hair removal = 2 min.  
 Laser hair removal = 5 min.  
 Laser hair removal 2 = 1 min.  
 Laser – male facial hair removal = 5 min.  
 Diode laser hair removal = 2 min.  
 Skin cooling = 75 min.  
 Module evaluation = 210 min. learning + 30 min. test

### **Skin biology**

Skin biology textbook = 30 min.  
 Module assignment = 480 min.  
 The skin = 5 min.  
 Fitzpatrick skin types = 5 min.  
 Understanding Fitzpatrick skin types = 55 min.  
 How to cleanse your skin = 3 min.  
 Module evaluation = 210 min. learning + 30 min. test

### **Hair biology**

Hair biology textbook = 30 min.  
 Module assignment = 480 min.  
 Hair biology video = 4 min.  
 Hair growth = 20 min.  
 Hair growth cycle = 1 min.  
 The hair follicle = 4 min.

Module evaluation = 210 min. learning + 30 min. test

### **Laser hair removal in practice**

Laser hair removal in practice textbook = 90 min.

Module assignment = 480 min.

Does your laser work as it should? = 5 min.

Static pulsing / stepping technique = 20 min.

Hair removal: Pain-free hair removal, or gliding technique = 20 min.

Demonstration of both gliding and stepping techniques = 30 min.

Module evaluation = 210 min. learning + 30 min. test

### **Last thoughts...**

Hair growth from testosterone treatment = 5 min.

Laser hair removal in slow motion = 10 min.

Diode handpiece components = 1 min.

Marketing Techniques for Aesthetics Practitioners = 15 min.

## **Course duration**

The total course duration is 112 hours.

This is the actual time you need to complete all the course activities at least once.

The course is usually completed on a part-time schedule in 16 weeks. This means that the average student spend one and a half hours, five days a week, on the course.

You are not bound by a fixed schedule and it is possible to complete the course in less time. On the other hand, if you need to take time out during the course to care for your family or business it is no problem. Our smart learning platform adapt to your schedule.

## **Recognition for being the achiever you are.**

LaserCollege students and graduates are a rare breed of achievers and we believe that your community and clients deserves to know that they are dealing with a leader of the industry.

We communicate this in various ways to your community. When you enrol for this Advanced Laser Hair Removal Therapist Course you will receive a lapel pin identifying you as 'LaserCollege Student'. We highly recommend that you wear this lapel pin to assure your clients that you're busy working on improving your skills and knowledge.

On completion of this course you will receive your lapel pin identifying you as 'LaserCollege Graduate' with your certificate and declaration.

In addition we can also provide you with window stickers to make it known that your clinic has a LaserCollege graduated therapist and we provide you with digital artwork that you can use in your marketing material.

## **What our clients say.**

I discovered Laser College by chance and was taken with the professionalism and in-depth training programme. The modules were intensive and challenging; something I thoroughly enjoyed and would do it again in a heartbeat. The modules forced me to get out my 'comfort zone' and truly apply myself to gain useful information in the professional beauty industry. Especially and equally important to the actual Laser training is the 'Informed Consent' section that the course covers in detail. This section is vital for anyone dealing with the public ; to pre-empt complications. Thank you for giving me all the necessary tools to now expand my business further and increase my Medi-Spa range. Your unbiased guidance is an invaluable tool to my business and me personally. Going through this course has given me confidence, knowing I have educated answers for my clients.“

### **Reshmi Takoorparsadh**

"I came across the course when I was looking at machinery and I am very lucky to have. The course material was easy to understand and broadened the horizon for opportunities in the beauty industry. The videos were detailed and made each module more interesting. Besides the practical work the subject material also gave in depth of how to run a successful business.“

### **Fatima Deedat**

“I wanted to take a moment to thank you for your fantastic level of quality education you have been providing me with this course. Thank you for the amazing experience I gained at your online college! It has been half a YEAR that it took me to complete my studies, and while busy with the course, I not only gained a wealth of knowledge in my chosen laser career but also gained lifelong information about the adult life and how to begin my own laser clinic! You gave me the opportunity to be able to do what I love every day! Thank you so much!”

### **Laura van der Schyff**

## **ENROL NOW**

<https://www.lasercollege.org/laser-and-ipl-hair-removal-therapist-course-page/>

# Advanced Laser Tattoo Removal Therapist Course

**Gain in-depth, advanced knowledge of laser tattoo removal.**

- All colours and types of tattoos
- Fast growing sector
- Nanosecond and picosecond lasers.

## **Become The Go-To Tattoo Removal Therapist In Your Community.**

Laser tattoo removal is currently one of the fastest growing segments of aesthetic laser therapy. Tattooing is popular in many countries world-wide as the ultimate form of self-expression. And laser tattoo removal makes it possible to 'clear-the-canvas'. As the way people express themselves changes with the evolution of their lives.

This Advanced Laser Tattoo Removal Therapist Course will equip you to provide a superior service to your clients. You will develop a framework for laser tattoo removal like no other. All the facets influencing this artful therapy are addressed.

As LaserCollege graduate, you will deal confident with all clients. You will know how to treat all skin types. Other factors, like where on the body the tattoo is located, or scarring that may have occurred from the tattoo will pose no challenge to you.

You will discover how to treat all types of ink, layering techniques used when the tattoo was placed and different colours.

This course provides you with in-depth, scientifically-based, unbiased training.

## **Conquer the world.**

This course is underwritten in South Africa by the **Department of Health** – Radiation Control and the **National Laser Centre**. On completion of the course, your certificate is **accredited in 136 countries, world-wide**. This includes all member states of the European Union, Australia, Canada and New Zealand, to name a few.

## **In easy English.**

Many of our students do not have English as first or even second language. For this reason, we present our courses in easy to understand **everyday English**.

## **Prerequisite.**

This course is **suitable for complete beginners** and do not require any prior learning to be able to train with us. Many of our students are not beauty trained and are looking to start up a business in the industry. We welcome students of all abilities, whether you are looking to start from scratch, or are currently working as a tattooist and looking to advance your knowledge and skills.

## **Course duration.**

The course duration is 60 hours. Most students complete it in **8 weeks, part-time**. But you have unlimited time to complete the course.

If you have to take time out to care for your family or business, it is not a problem. Next time you log in, you can simply continue from exactly where you have stopped previously. And if you have to go back to study material you've previously complete it is also not a problem. You can go back to previous modules and sections as much and often as you have to.

On the other hand. If you want to complete the course in the shortest possible time, you can. You do not have to wait on another student. Or other limitations, like in-person sessions.

## **Practical training.**

This course is an online course and can be completed from anywhere in the world as long as you have internet access. The knowledge you gain from this course is applicable on all makes and models of equipment, because it is first-principle based.

LaserCollege do not provide practical training as part of this course for the following reasons. There are hundreds of different makes and models of machines available on the market. You will probably only work with one or two of these. Practical training on a specific machine is usually provided by the distributor or manufacturer of the machine you've bought. Or else it is provided by the clinic that will employ you, on the equipment you will be working with. Machine specific training very seldom can be transferred between different makes of machines.

The average tattoo removal treatment course consists of 12+ sessions. These sessions are usually two to three months apart. Therefore, to have sensible practical training on a machine you have to complete at least one full treatment course with the same machine on the same person with the same tattoo. This means that your training will take place over a period of two to three years and you will not be able to transfer much of what you've learned from handling that machine to another machine.

How to hold the hand-piece. How to adjust the settings on the machine. How and how much to adapt the energy between sessions. Are all knowledge that you cannot transfer between different makes of machines.

We teach you the meaning and function of each treatment parameter and how they influence each other. The different wavelengths for the treatment of different colours. What pulse duration to start a treatment series with or end with. The frequency to use. These are all theory you need to know and understand before you touch a machine. This is what you get from this course.

### **What to expect from the learning platform when you enrol.**

You will have your own private dashboard from where you control your study environment. Every time you log in, you will first go to your dashboard and from here you can enter your course.

The course is divided into multiple modules. All the modules have the same basic design. Each module starts with a textbook section relevant to the module.

Following the textbook section you will get your module assignment. This assignment can be done offline and then be uploaded or you can enter it directly in via the online text editor.

Next you will find a section with videos and text documents explaining and demonstrating the topics taught in the module.

Once, you have completed your assignment you will have access to the module test. This is an open book, online test limited in time.

On completion of the module test you are ready to move on to the next module.

## **Course overview.**

### **Laser physics**

- Laser Operation
- Laser Components
- Types Of Lasers
- Modes Of Operation
- EM Spectrum
- Light Beam Characteristics For Laser, LED's And IPL's
- Characteristics Of Light Waves
- Treatment Parameters

### **Radiation-tissue interaction**

- Interaction Of Radiation With Matter
- Biological Change With Temperature

### **Laser safety**

- Laser Classification (Ansi Z 136.1 Standard)

- Diffuse And Specular Reflections
- Eye Hazards
- Skin Hazards
- Eye Protection
- Skin Protection
- Non Beam Hazards
- Nominal Hazard Zone (NHZ)
- Respiratory Hazards (Gas Masks – No Smoke Is Safe)
- Safety Control Measures

### **Legal issues**

- Administrative controls
- Indemnity Forms
- What to discuss during a consultation

### **Skin biology**

- The Skin
- Skin typing
- Veins
- Lesions

### **The tattooing process**

- Overview of science to get, and get rid of tattoo
- What is in tattoo ink
- Optimizing tattoo colours for skin types
- How ink gets into the skin

### **Tattoo removal**

- How laser tattoo removal works
- Non-Laser Tattoo Removal Options
- How many sessions does laser tattoo removal take
- Laser equipment
- Comparison between nanosecond and picosecond lasers
- Wavelengths and colour targets

### **Before and aftercare**

- Laser tattoo removal pre-care

- How to prepare for laser tattoo removal
- Aftercare
- Precautions, and unwanted effects

### **Review and more**

- An overview of the most recent research on laser tattoo removal
- Laser tattoo removal on dark skin types
- Optimizing Laser Tattoo Removal

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## **What our clients say**

Were you expectation met by the course?

"My expectations were met above and beyond - The course material / modules were structured perfectly and in so much depth and detail, I couldn't have asked for more or any improvements. I thoroughly enjoyed each module / section of the course and have gained a lot of knowledge and understanding. I appreciated the videos and lectures which helped me a lot to fully understand the in-depth information from each module. I am also very grateful for Raymond - he supported and helped me along the way!"

Do you think the price is fair?

"Yes, absolutely. The course price for what it offers is more than fair."

**Anna Ginsberg, South Africa**

Were your expectations met by the course?

"I found the course was very well laid out and easy to navigate, much more information than I anticipated compared to the course my wife took at another institute which cost much more."

Do you think the price is fair?

"The price seemed quite fair."

**Jason Kim, Canada**

Were your expectations met by the course?

"I did find this course quite interesting and helpful. I think that having the different videos about the tattoo removal experience did help. I think that it also would be beneficial to provide more information about the laser setting and how you can operate those, although I do understand that that is difficult with all the different kinds of lasers."

Do you think the price is fair? If not, what price would you put on the course?

"I do think the price is fair."

**Ashley Howard, Canada**

**ENROL NOW**

<https://www.lasercollege.org/laser-tattoo-removal-therapist-course-page/>

# Photobiomodulation Therapist Course.

**Anti-ageing, acne treatment, body sculpting, slimming, skin tone, eczema, lymph massage, scar prevention, post-cometic-operation wound healing and many more photobiomodulation treatments.**

- Youthful beautiful skin.
- Scar prevention after an operation or trauma.
- Hair and nail growth stimulation.
- Life without pain and discomfort.
- Body sculpting without diet or exercise.
- Improve brain function and boost study and exam results.

## **Retiring early and rich.**

**If this is an attractive proposition to you as a laser therapist, photobiomodulation is something you should pay attention to.**

Photobiomodulation is the overlooked, misunderstood stepchild of the aesthetic laser and light industry. It is the most researched form of laser therapy by thousands of universities world-wide and yet it is seen as boring and ineffective by most people in the aesthetic industry. The reason is that it does not have the get-rich-quick-lure that high-power laser treatments have.

The equipment is very affordable and results can be dramatic. Running costs are extremely low, because you don't need consumables, the equipment is usually maintenance free and the direct cost of treatment is almost neglectable. The catch is that you have to take the time to figure it out.

Once you've taken the time to figure this out, you have a knowledge set that you can build a career and a profitable business on.

## **What is photobiomodulation and how does it differ from other light therapies?**

Photobiomodulation uses light to stimulate, heal, regenerate, and protect tissue that has either been injured, is degenerating, or else is at risk of dying. Photobiomodulation is only possible during a photochemical reaction.

A photochemical reaction is when light is absorbed and it then start, enhance and/or regulates biochemical reactions present in the body. This light should not cause any thermal reaction (heat) in the body, since a thermal reaction causes an inflammatory response that stops photobiomodulation.

In practice it means that photobiomodulation can only be achieved with low-level laser or LED-devices. High-power laser and IPL devices are not suitable for this type of treatments.

### **Many names.**

Photobiomodulation is the name that is currently used in the scientific community. But, there are many other names in use. Maybe you know it as LED therapy, Low-level Laser Therapy (LLLT), Soft Laser, Cold Laser, Chromotherapy or simply Light Therapy.

Photobiomodulation is the most researched sub-type of laser therapy. There is currently more than 20 000 academic research papers from many universities world-wide about the different applications of photobiomodulation.

Almost every salon and spa nowadays has at least one photobiomodulation device. This can range from a LED mask to a class 3 laser. Unfortunately, very few device owners and users are trained to fully optimize there equipment.

### **Wavelengths matter.**

The two most important parameters for effective photobiomodulation are wavelength and energy. Although energy is the lesser important of the two, it is important to know that you will not succeed with too high energy and neither have much luck with too little energy.

Various researchers throughout the years have found that you ideally want to deliver 4 J/cm<sup>2</sup> to the target tissue. This should be delivered over a longer period to ensure that you only create a biochemical response and not a thermal or shock response.

Time and time again, wavelength has been shown as the main success determining parameter when it comes to photobiomodulation. Equally important, is the way these wavelengths are used or combined. If done wrong a hugely diminished effect is observed in results.

So far researchers have identified three super bio responsive wavelengths. This doesn't mean that you will not have results with other wavelengths. What it means is that you will get superior results when you utilize these wavelengths.

When you look at purchasing equipment you will find some units that provide you with LED's for all three wavelengths. The secret to having success with these machines is so simple that most

people simply overlook it. And for this reason often still have disappointing results. On completion of the Photobiomodulation Therapist Course, you will never again step into this trap.

## Three things you will gain from this Online course.

This Photobiomodulation Therapist Course from LaserCollege is designed to do three things for you.

Firstly, it gives you a solid scientific foundation to build your career on. Thorough knowledge of the science behind photobiomodulation enables you to consistently deliver successful results, treatment after treatment.

Secondly, it gives you comprehensive laser safety training. A quick overview of contraindications is not safety training that ensures that you and your client are safe during and after a treatment. This course deals with safety before, during and after a treatment. You will no longer have to deal with unexpected side effects.

Thirdly, it introduces you to a wide range of treatments that you can perform with your low-level laser or LED-device. Your income potential will skyrocket because you will be able to provide a wide range of treatments without having to change your equipment.

## Discover

You will discover how:

- To provide a whole new range of well-being treatments with your existing equipment.
- Science makes it possible for someone to sculpture his or her body without diet or exercise.
- To prevent a visible scar after an operation or trauma.
- To always have youthful beautiful skin.
- To live without pain.
- To treat systemic diseases like arthritis without any medication.
- To improve brain function and boost study and exam results.

The **secrets you will discover** during this course has until now been taught to only a select few at certain universities and specialization schools. And now this information is also available to you.

A certificate from LaserCollege has opened many doors for our students in the past and will do so even more in the future. It will do the same for you. Not only will it give you opportunities. It will also give you security.

## **We also presented this course at other schools and this is what they said:**

*“The course was well-organised, well-presented, with good interaction. His broad knowledge-base of various laser therapies and apparatus mad his training valuable... We would like to thank you for a wonderful learning experience and hope that he will continue to offer this course to us in future”*

Dr. Botha - Head of Department: Wellness Science at the Cape Peninsula University of Technology in Cape Town, South Africa

*“The course was well presented, organized and Helen answered all questions with exceptional knowledge. We learned a lot from her and would most definitely advice anyone on doing the training.”*

Vida Scheepers - Principal of Susca Watts Academy for Advanced Beauty Technology

*“The students have learned a lot and feel confident that they can do these laser treatments on members of the public”*

Eunice Barendsen - Principal of Madge Wallace international college of skincare and body therapy

## **Course overview**

### **Laser physics**

- Laser Operation
- Laser Components
- IPL Components
- LED Components
- Types Of Lasers
- Modes Of Operation
- EM Spectrum
- Light Beam Characteristics For Laser, LED's And IPL's
- Characteristics Of Light Waves
- Treatment Parameters

### **Radiation-tissue interaction**

- Interaction Of Radiation With Matter
- Wavelengths Used For Hair Removal
- Biological Change With Temperature

**Laser safety**

- Laser Classification (Ansi Z 136.1 Standard)
- Diffuse And Specular Reflections
- Eye Hazards
- Skin Hazards
- Eye Protection
- Skin Protection
- Non Beam Hazards
- Nominal Hazard Zone (NHZ)
- Respiratory Hazards (Gas Masks – No Smoke Is Safe)
- Safety Control Measures

**Legal issues**

- Indemnity Forms

**Biomodulation therapy**

- Introduction To Low Energy Light Therapy.
- Treatments Low Level Laser Therapy Is Recommended For
- Physiological Changes
- Procedure
- Recommended Treatments
- Contra-Indications
- Tips

**Biomodulation in health care for humans**

- Hamstring treatment
- Broken patella
- LLLT in dental treatments
- LLLT treatment of fibromyalgia
- LLLT neck pain treatments
- LLLT foot & ankle treatment
- LLLT oral mucositis treatment
- Testimonial about knee pain
- LLLT for spinal cord injuries

**Biomodulation in health care for animals**

- LLLT for horses
- LLLT for arthritis in animals
- LLLT for healing in wild animals
- Deep Low Level Laser Therapy for pets and horses
- Cats, dogs & other pets treated with LLLT
- This horse has had 2sessions with the Low-Level Laser Therapy
- Equine Light Therapy – Scanning Your Horse

## Scientific publications

- Laser Florence abstracts from 2004 to 2015 (excluding 2005 and 2014).
- Comparison of light-emitting diode wavelength on activity and migration of rabbit ACL cells
- Do laser and led phototherapies influence mast cells and myofibroblasts to produce collagen?
- Effect of pre-irradiation with different doses, wavelengths, and application intervals of low-level laser therapy on cytochrome c oxidase activity in intact skeletal muscle of rats
- Effects of low-level laser therapy on orthodontics: rate of tooth movement, pain, and release of RANKL and OPG in GCF
- Comparative analysis of low-level laser therapy (660 nm) on inflammatory biomarker expression during the skin wound-repair process in young and aged rats
- Inflammatory cytokines are suppressed by light-emitting diode irradiation of *P. gingivalis* LPS-treated human gingival fibroblasts
- Intracellular signaling cascades following light irradiation
- Effect of laser acupuncture on salivary flow rate in patients with Sjögren's syndrome
- Photobiomodulation with light-emitting diodes improves sperm motility in men with asthenozoospermia
- Clinical and microbiological effects of photodynamic therapy associated with nonsurgical periodontal treatment. A 6-month follow-up
- Effect of photodynamic therapy on the healing of cutaneous third-degree-burn: histological study in rats
- Effect of irradiation with red and infrared laser in the treatment of oral mucositis
- Red (660 nm) and infrared (830 nm) low-level laser therapy in skeletal muscle fatigue in humans: what is better?

## Laser acupuncture

- 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
- Deqi Sensation in Laser Acupuncture
- Effect of laser acupuncture on obesity: study protocol for a randomized controlled trial
- Laser acupuncture effect on fetal well-being during induction of labor
- Laser acupuncture: effectiveness depends upon dosage
- Laser acupuncture for depression: A randomised double-blind controlled trial using low intensity laser intervention
- Laser Acupuncture Reduces Body Fat in Obese Female Undergraduate Students
- Anti-inflammatory effect of laser acupuncture in ST36 (Zusanli) acupoint in mouse paw edema
- Laser Acupuncture for Postoperative Pain Management in Cats

- Role of laser acupuncture in chronic respiratory diseases
- Laser Acupuncture Therapy in Patients with Treatment-Resistant Temporomandibular Disorders
- Intro to Laser Acupuncture by Singapore Laser Acupuncture Centre
- Application of laser needle acupuncture device for tennis elbow
- Laser Acupuncture Fertility Treatment

### **Hair growth stimulation**

- Science behind hair growth stimulation.
- Therapy for treatment of hair loss.

### **Non-invasive laser lipo and body-sculpting**

- Science behind laser lipo
- Body sculpting and contouring

## **Course duration**

The course duration is 60 hours.

The course is usually completed on a part-time schedule in 8 weeks. You are not bound by a fixed schedule and it is possible to complete the course in less time. On the other hand, if you need to take time out during the course to care for your family or business it is no problem. Our smart learning platform adapts to your schedule.

## **What our clients say!**

*“I must admit that my knowledge base about LLLT prior to taking this course was very limited at best. This LLLT course was very well organized and well structured. For example, in order for one to understand how and what makes LLLT work / function and have such a profound effect / impact on intracellular / molecular signalling mechanisms, one must start from the beginning by first understanding the physics of Lasers and how they interact with matter / biological tissues.*

*This LLLT course did an excellent job in explaining these difficult / challenging concepts. In addition, this course also was very helpful in explaining all the contraindications to LLLT as well as Laser therapy safety standards and regulations. Having established that, I gained valuable knowledge from taking this course. Yes, I would highly recommend this course to prospective students, bearing in mind that this course is not intended for those students who are looking for a two day/ weekend course, rather, this course is an intensive, comprehensive, well organized, professional LLLT course.”*

**Loay Easo, Beresford, Canada.**

*“Thank you so much. I liked the way the course is set up, the information provided is easy to follow as well as understand and I love how I can easily track my progress with the aid of the ticked boxes for sections completed. Most of the videos provided for each section helped me understand my study material better. The assistant from you was outstanding never bashing my many questions, I truly appreciate that. The website is easy to navigate and clear with all main questions answered and relevant information given. I also like the fact that the web site is set up in such a way that I can only access the next section of my course once the previous one is done since I feel I was so excited I would have most probably just jumped ahead without a system in place and most certainly confused myself. I feel the instructions I was given were very clear to follow, and when I did feel confused due to my compulsive need to overthink everything, and sent an e mail to explain, I was always welcomed with open arms. I would have loved to see more in depth examples and descriptions of treatments done with a laser, such as wound healing or wrinkle treatments, information such as treatment times and frequencies for best results etc. overall it was a informative and very well put together course and I would most definitely recommend this course, in fact I already have to a good friend of mine.”*

**Melanie Hollweck, Richmond, South Africa.**

*"I would like to thank you for the intense support you have given me throughout this course. I came across the course on the Internet whilst sieving through courses which would best serve me, in my studies as well as profession. I have to say, I am incredibly grateful for the support you have given me from day one with direction as well as communication on a number of things. I have found this course very stimulating and have found it hugely beneficial as it has grown me as a person and increased the platform which I work on to continuously improve my skills.*

*I am excited about the next journey I will embark on with regards to Advanced Cosmetic Laser. Although the course took dedication and discipline, it certainly was very interesting and stimulating which constitutes as a positive when one is working alone. I did feel that it was very easy to communicate with you and I thank you for that, open door. I look forward to growing within myself with my new qualification and will be certain to recommend The Laser College with the highest regard. Thank you.”*

**Rachel Greene, Johannesburg, South Africa**

## **ENROL NOW**

Please visit <https://www.lasercollege.org/photobiomodulation-therapist-course/> for pricing and availability.

# Laser Lipo And Body-Sculpting Therapist Course

## Taking you to the next level.

- Consistent results treatment after treatment
- Focuses on slimming and body-sculpting only
- Strong foundation to build your career

The Laser Lipo And Body-Sculpting Therapist Course offers you the opportunity to qualify as laser lipo therapist online at the comfort of your home and at your own time with personal expert trainer support.

The Laser Lipo And Body-Sculpting Therapist Course will give you a strong foundation to build your career on. As you read through the course overview below you will find that the course consists of didactic as well as practical components and is structured in such a way that you expand your knowledge in a logical manner. With the power of the internet you are free to complete your training from anywhere.

On successful completion of the course you will receive a certificate stating that you have completed the training course for “Laser Lipo And Body-Sculpting Therapist”, a valuable asset that you can display with pride. Your certificate is not just an asset to display, but will open-up many doors in the future for you in your career.

## Discover the secrets

Slimming and body-sculpting treatments are interwoven in an aesthetic conscious lifestyle. This course gives you the knowledge and skills to take it to the next level. Discover the secrets behind adipose design for the next generation.

## In easy English.

Many of our students do not have English as first or even second language. For this reason, we present our courses in easy to understand everyday English.

## Prerequisite

This course is suitable for complete beginners and do not require any prior learning to be able to train with us. Many of our students are not beauty trained and are looking to start up a business in the industry. We welcome students of all abilities, whether you are looking to start from scratch, or are currently working as a therapist and looking to advance your knowledge and skills.

## Course overview

### Laser physics

Laser physics textbook = 120 min.

Module assignment = 480 min.

Intro to lasers = 3 min.

Explanation of laser fundamentals = 6 min.

Visualization of stimulated emission = 1 min.

Demonstration of the laser cavity = 4 min.

Evaluation of Laser physics = 240 min. (210 min. learn time & 30 min. test)

### Radiation-tissue interaction

Radiation-Tissue Interaction textbook = 30 min.

Module assignment = 480 min.

Biphasic Dose Response in Low Level Light Therapy = 60 min.

Light-tissue interactions = 55 min.

Skin, Light and Beauty = 55 min.

Indications and Contraindications for Photobiomodulation = 28 min.

Evaluation of Radiation-Tissue Interaction = 240 min. (210 min. learn time & 30 min. test)

### Laser safety

Laser safety textbook = 60 min.

Laser classification = 25 min.

Module assignment = 480 min.

Specular and diffuse reflection 1 = 11 min.

Specular and diffuse reflection 2 = 8 min.

Laser safety overview = 19 min.

Laser safety control measures = 8 min.

Laser Safety – Biological Effects of Lasers on eyes = 17 min.

Laser glasses = 9 min.

Destructive Testing of Laser Goggles = 11 min.

Legal issues textbook = 30 min.

Evaluation of Laser Safety = 240 min. (210 min. learn time & 30 min. test)

### Biomodulation therapy

Biomodulation and LED-therapy textbook = 105 min.

Module assignment = 480 min.

What is low level laser? = 8 min.

Response from client whom received LLLT = 21 min.  
 Hair growth = 3 min.  
 LLLT in sports injuries = 3 min.  
 Weight loss = 5 min.  
 Anti-smoking = 3 min.  
 Carpal tunnel syndrome = 5 min.  
 What is LED therapy? = 3 min.  
 Review of LED = 8 min.  
 Acne treatment = 3 min.  
 Face wrinkles = 3 min.  
 Evaluation of Biomodulation and LED-therapy = 240 min. (210 min. learn time & 30 min. test)

### **Adipose biology**

Module assignment = 480 min.  
 Adipose tissue = 135 min.  
 Adipose tissue summery = 75 min.  
 Basics of Metabolism = 12 min.  
 Digestion, Mobilization, and Transport of Fats – Part I = 11 min.  
 Digestion, Mobilization, and Transport of Fats – Part II = 15 min.  
 Lipoproteins, Apolipoproteins, and Familial Dyslipidemias = 48 min.  
 Adipose Connective Tissue = 9 min.  
 How do your fat cells shrink? = 3 min.  
 How fat loss works in your body, storage and release = 5 min.  
 Fat and Muscle = 5 min.  
 Inner body fat = 2 min.  
 How does fat leave the body when you lose weight? = 3 min.  
 Types and Functions of Adipose Tissue = 3 min.

### **Laser lipo (non-invasive remodeling)**

Low-level laser lipo textbook = 60 min.  
 Module assignment = 480 min.  
 Laser lipo: How it works = 2 min.  
 Laser lipo: Does the fat come back? = 6 min.  
 Body Sculpting Options = 8 min.  
 Lumislim – Low Level Laser = 5 min.  
 Using Low Level Lasers for painless fat loss = 7 min.  
 Lapex 2000 demo video = 7 min.  
 Evaluation Low-level laser lipo = 240 min. (210 min. learn time & 30 min. test)

### **Laser aided liposuction (invasive therapy)**

Laser Fat Removal = 6 min.  
 Laser assisted liposuction = 3 min.

## Course duration

The total course duration is 88 hours.

This is the actual time you need to complete all the course activities at least once.

The course is usually completed on a part-time schedule in 12 weeks. This means that the average student spend one and a half hours, five days a week, on the course.

You are not bound by a fixed schedule and it is possible to complete the course in less time. On the other hand, if you need to take time out during the course to care for your family or business it is no problem. Our smart learning platform adapts to your schedule.

## Recognition for being the achiever you are.

LaserCollege students and graduates are a rare breed of achievers and we believe that your community and clients deserve to know that they are dealing with a leader of the industry.

We communicate this in various ways to your community. When you enrol for this Laser Tattoo Removal Therapist Course you will receive a lapel pin identifying you as 'LaserCollege Student'. We highly recommend that you wear this lapel pin to assure your clients that you're busy working on improving your skills and knowledge.

On completion of this course you will receive your lapel pin identifying you as 'LaserCollege Graduate' with your certificate and declaration.

In addition we also provide you with window stickers to make it known that your clinic has a LaserCollege graduated therapist and we provide you with digital artwork that you can use in your marketing material.

## What our clients say

"I discovered Laser College by chance and was taken with the professionalism and in-depth training programme. The modules were intensive and challenging; something I thoroughly enjoyed and would do it again in a heartbeat. The modules forced me to get out my 'comfort zone' and truly apply myself to gain useful information in the professional beauty industry. Especially and equally important to the actual Laser training is the 'Informed Consent' section that the course covers in detail. This section is vital for anyone dealing with the public ; to pre-empt complications. Thank you for giving me all the necessary tools to now expand my business further and increase my Medi-Spa range. Your unbiased guidance is an invaluable tool to my business and me personally. Going through this course has given me confidence, knowing I have educated answers for my clients."

**Reshmi Takoorsadh**

“I wanted to take a moment to thank you for your fantastic level of quality education you have been providing me with this course. Thank you for the amazing experience I gained at your online college! It has been half a YEAR that it took me to complete my studies, and while busy with the course, I not only gained a wealth of knowledge in my chosen laser career but also gained lifelong information about the adult life and how to begin my own laser clinic! You gave me the opportunity to be able to do what I love every day! Thank you so much!”

**Laura van der Schyff**

## **ENROL NOW**

<https://www.lasercollege.org/laser-lipo-therapist-course-page/>

# Microdermabrasion Therapist Course.

## Professional microdermabrasion course.

Are you thinking of offering microdermabrasion treatments to your clients? Microdermabrasion is known in the aesthetic industry as one of the cornerstone treatments for an effective personal care regime. This treatment lays a foundation that will complement any other treatment that you may be offering currently.

Microdermabrasion is an indispensable part of skin care treatments offered to celebrities and has proven its worth for decades. Adding microdermabrasion to your portfolio will set you apart from the opposition.

Are you a salon owner, or therapist whose main income depends on commission? You will greatly benefit financially from offering microdermabrasion to your clientele. The treatments are easy and swift to perform and have a very high profit margin. The best part of this treatment is that it is hooking. Once your client has experienced this treatment she will keep coming back for regular treatments.

This microdermabrasion course makes it easy for you to start offering microdermabrasion treatments with confidence. You will be able to provide an effective treatment and know how to combine it with other treatments you are currently offering. We guide you step by step through the learning process.

When you enrol for the microdermabrasion course you will:

- Learn about crystal and diamond tip microdermabrasion.
- View videos and use other interactive media to learn over various procedures with all different kinds of machines.
- Be spending your time efficiently by choosing your study time when it suits you best and at the place you prefer.
- Enjoy full trainer support, either via chat, forum, email or telephonic. You do not have to wait for other students to reach your level before you can discuss topics relevant to you.
- Be able to start your studies at any time, no fixed starting dates.
- 24/7 online library and resources: We provide you with the links that will take you directly to your resource material. No time is wasted searching for books or research material.
- You save money: All learning and assessment material is included in your course fees. You are not required to purchase any additional material.
- On completion you will enjoy the benefits of a recognized and accredited qualification.

## Prerequisite

This course is suitable for complete beginners and does not require any prior learning in aesthetics or medicine to be able to train with us. Many of our students are not beauty trained and are looking to

start up a business in the industry. We welcome students of all abilities, whether you are looking to start from scratch, or are currently working as a therapist and looking to advance your knowledge and skills.

## Course overview

### Introduction to microdermabrasion

Microdermabrasion background = 15 min.

Microdermabrasion discussion = 23 min.

The basics = 15 min.

Assignment = 480 min.

### Video demonstrations on microdermabrasion

Microdermabrasion explained = 16 min.

Demo of a facial with microdermabrasion = 15 min.

Crystal microdermabrasion animation = 2 min.

An interview = 7 min.

Microdermabrasion vs Chemical Peel split face experiment = 6 min.

Demo with crystals = 3 min.

Demo with Diamond Tip = 22 min.

Diamond Tip Versus Crystals = 2 min.

Treatment on scars = 4 min.

Contraindications = 10 min.

Aftercare = 10 min.

Diamond tip cleaning = 1 min.

### The science behind microdermabrasion

Approaches to Document the Efficacy and Safety of Microdermabrasion Procedure = 75 min.

Skin barrier function recovery after diamond microdermabrasion = 75 min.

Successful Treatment of Melasma Using a Combination of Microdermabrasion and Q-Switched Nd:YAG Lasers = 120 min.

Comparison between the efficacy and safety of platelet-rich plasma vs. microdermabrasion in the treatment of striae distensae: clinical and histopathological study = 165 min.

Eruptive Self-Resolving Keratoacanthomas Developing After Treatment with Photodynamic Therapy and Microdermabrasion = 60 min.

Microdermabrasion = 90 min.

Principle of Microdermabrasion = 60 min.

### Evaluation and more

Microdermabrasion & Oxygen Infusion Therapy = 10 min.

Hydrafacial Treatment = 14 min.

Microdermabrasion test = 220 min. learning time + 20 min. test

## Course duration

The total course duration is 26 hours.

This is the actual time you need to complete all the course activities at least once.

The course is usually completed on a part-time schedule in 5 weeks. This means that the average student spend one hour, five days a week, on the course.

You are not bound by a fixed schedule and it is possible to complete the course in less time. On the other hand, if you need to take time out during the course to care for your family or business it is no problem. Our smart learning platform adapt to your schedule.

## Enrol now

<https://www.lasercollege.org/courses-for-laser-therapists/microdermabrasion-therapist-course/>

# Laser Safety Officer Course

## An important responsibility not to be taken lightly.

As laser safety officer you have a unique set of responsibilities. Not only is laser safety a top priority to yourself and co-workers. It is critical in protecting your clients and patients.

- Applicable to aesthetics, medical, industry, military, educational and research.
- Certificate On Completion
- Regulatory Compliance

## Do you have the important responsibility of being a laser safety officer?

As laser safety officer you have a unique set of responsibilities. Not only is laser safety a top priority to yourself and co-workers. It is critical in protecting your clients and patients.

Our Laser Safety Officer course prepares you to take this responsibility on with confidence. This course fulfils all requirements as laid down by the European standard IEC 60825 and the Canadian standard Z386-14.

We have been providing quality laser training to the aesthetic and medical industries since 2003 and are looking forward to welcome you in our course.

When you enroll for the Laser Safety Officer course you will get step by step guidance on every aspect of your studies. We have distilled the important must know knowledge for you into easy to understand language. We also present it in a logical easy to learn sequence that will put you ahead of the pack in no time.

## Course overview

### Laser Safety Officer guidelines

In this module you will get a summary of the European IEC 60825-1 and the Canadian Z386-14 standards.

### Laser Physics

As the name says, this module looks at the science behind lasers. It further extends into the mechanics of lasers and also looks at topics such as light delivery systems and beam shape.

**Radiation-tissue Interaction**

An important part of a Laser Safety Officer's tasks is to assess risk. And in-depth knowledge of laser tissue interaction provides you with a solid foundation to make such assessments.

**Laser Safety**

Laser safety is the main responsibility that rest on the laser safety officer's shoulders. This module takes you through all the possible hazards associated with lasers and how to prevent incidents.

**Legal Issues**

This module looks at the administrative controls provided by the standards. We also provide you with real tools and examples in risk assessment for every class of laser.

**Prerequisite.**

This course is **suitable for complete beginners** and do not require any prior learning to be able to train with us. Many of our students are not beauty trained and are looking to start up a business in the industry. We welcome students of all abilities, whether you are looking to start from scratch, or are currently working as a tattooist and looking to advance your knowledge and skills.

**Course duration.**

The course duration is 20 hours. Most students complete it in **2 weeks, part-time**. But you have unlimited time to complete the course.

**ENROL NOW**

Please visit <https://www.lasercollege.org/laser-safety-officer-course-page/>

# Learner finance

**Unlock your career potential with learner finance. Study now and pay later!**

## Who can apply

To qualify for the learner finance, you **must have a valid South African ID-book or ID-card** and earn more than R3 000 a month. The learner finance can be in the name of:

- A student, who is full-time or part-time employed and has proof of income
- A parent, who has proof of income
- A sponsor or guardian, who has proof of income

## Qualifying criteria

- Applicant must be 18 years and older
- Applicant must have valid South African identity card or document
- Must be employed or self-employed
- Salary must be paid directly into applicant's bank account

## Documents required

- South African green bar-coded ID or smart ID card
- Latest payslip
- 3 months' bank statement (latest 6 months' bank statements and ITA34 for self-employed applicants)
- Proof of residence not older than 3 months

## Costs

Nonrefundable application fee R195

Initiation fee R 1,207.50

Account service fee R69 per month

Interest rate 12.5%

## How to get it

### Step 1

You start the learner finance application process by completing the pre-application form below and making a payment of R195.

Why do you need to pay R195? This is to ensure that only serious and creditworthy individuals apply for the learner finance. We have to pay a credit agency to do the following background checks:

- Verification of Credit Repayments, Verified Employment, Directorship and Deed search enquiry with Credex scorecard.
- Verify name, marital status and photo verification of the applicant.
- Verification of bank account details specified by the applicant.
- Verification of the applicant's employment history.

## Step 2

We notify you with the outcome of your pre-application.

On successful pre-application we will email you the application. You complete the form and email an electronic copy with the supporting documents back to us.

As soon as the application has been processed we will email you the learner finance agreement to authorize. You return an electronic copy by email.

## Step 3

You make the initiation fee payment of R 1,207.50.

**You are enrolled in your course.**

## Important

Credits granted to legal entities, i.e. to companies, non-profit associations, etc. are not considered as consumer credits within the meaning of the law.

Also credits granted to natural persons in the context of their professional activities (such as finance for career specific training) are not consumer credits.

<https://www.lasercollege.org/learner-finance/>