

# CAD/CAM summer school

Join us for a week of intensive learning at our CAD/CAM summer school in Helsinki!

This intensive package will allow you to achieve a high level of proficiency quickly by taking our beginner and intermediate CAD/CAM courses consecutively. Acquire a broad range of restorative skills to take home and put to use at your clinic each day.

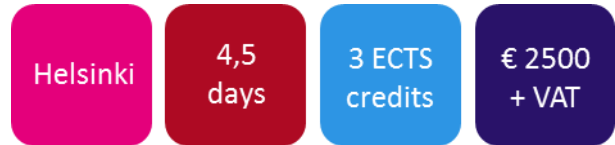
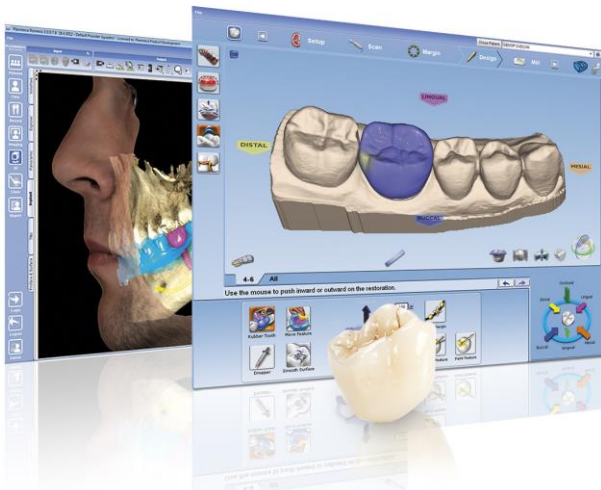
Outside the classroom, you will also get to enjoy Finland's long summer days with extensive daylight for a truly unique experience!

## Course objectives:

- Learn and implement proper techniques for tooth preparation Understand the design and fabrication of different restorations
- Understand the benefits that efficient scheduling of CAD/CAM brings to the clinical practice
- Learn the technical skills required to use CAD/CAM technology
- Acquire and implement proper techniques for tooth preparation in multiple restorations
- Understand soft tissue management for CAD/CAM success and proper provisionalization
- Learn the design process of single implant-supported restorations

## Length and format of the course

4,5 days with 30 hours of lectures and hands-on training  
(3 ECTS credits, European Credit Transfer System)



## Lecturers

- **Dr. Kari Pihlman**  
DDS (Private practice in Finland)
- **Dr. Harri Lahti**  
DDS (Private practice in Finland)
- **Dr. Rupert Austin**  
Clinical Lecturer and Specialist Prosthodontist  
(King's College London Dental Institute, UK)

Hands-on lecturers:

- **Petri Kajander**  
CAD/CAM Product Manager (Planmeca, Finland)
- **Dr. Leila Perea**  
DDS, PhD (University of Turku, Finland)

## Venue

Planmeca Digital Academy Training Center  
Asentajankatu 6  
FIN-00880 Helsinki, Finland

## Target group

- Graduated dentists
- The course will be carried out in English

## Side program

- Boat trip in the beautiful archipelago outside Helsinki
- Nordic dinner and sauna evening at Planmeca's seaside villa
- Guided walking tour in Suomenlinna fortress
- Voluntary visit to Planmeca's headquarters and factory

## Course fee

The price for the course is 2,500€ + value added tax (24%) if applicable. The price includes lectures and training, materials, lunches and refreshments. The side program during the course is voluntary and complimentary. Please note that travel and hotel costs are not included.

## For further information and registration, please contact

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## Course schedule

### Day 1 (Lectures):

#### Fundamentals of CAD/CAM

- Overview of dental chair-side CAD/CAM systems. Indications and limitations
- Preparation rules: inlay/onlay, veneer, crown
- Materials used in CAD/CAM
- Ceramic materials – How to choose them?
- Principles of adhesion to ceramics and tooth surfaces
- Cementing: overview of cements. Cementing restorations
- Clinical cases: failure and success
- Longevity and maintenance of restorations
- Clinical hints

### Day 2 (Hands-on):

#### Fundamentals of CAD/CAM

- Efficient organization and scheduling of CAD/CAM treatments
- How to sell the CAD/CAM treatments to the patient
- Optimal use of the scanner and milling machine at the dental practice
- Differences between scanning a patient and a model
- Hands-on: Scanning, designing and milling of a single molar crown
- Hands-on: Scanning, designing and milling of an onlay

### Day 3 (Hands-on):

#### Fundamentals of CAD/CAM

- Stain and glaze – milling materials and finishing of the restoration
- Tailored case to meet the course participants' special needs

### Day 4 (Lectures):

#### Beyond the basics of CAD/CAM

- Preparation rules for multiple restorations in the anterior zone
- Preparation rules for multiple restorations in the posterior zone
- Techniques for optimal tissue management and provisionalization
- Tooth wear and occlusion
- Material selection

### Day 5 (Lectures and hands-on):

#### Beyond the basics of CAD/CAM

- Restoring single implants
- Material selection for implant-supported restorations
- Clinical complications and solutions for multiple restorations
- Hands-on: Scanning and designing a single implant-supported crown.



*"I chose NIDE's CAD/CAM course because I wanted to receive more theoretical knowledge and practical exercises to become more professional in prosthetic dentistry. After the course I was able to communicate better with my lab, make the right choice of material and to be entirely responsible of my work."*

- Dr. Iryna Chulkova, general dentist, Belgium