

# Fundamentals of CAD/CAM

Computer aided design and manufacturing (CAD/CAM) technology has revolutionised the field of dental restorations. We invite you to deepen your knowledge in this field of dental technology and to learn more about the treatment methods of the future.

## Course objectives

- Learn and implement proper techniques for tooth preparation and the designing process of single 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

## Course schedule

2 days with 13 hours of lectures and hands-on training  
**1 ECTS credit** (European Credit Transfer System) or  
**13 CE credits** (Continuing education)

### Day 1 (Lectures):

- 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):

- Hands-on: Scanning, designing and milling of a single molar crown
- Hands-on: Scanning, designing and milling of an onlay
- Stain and glaze – milling materials and finishing of the restoration
- Tailored case to meet the course participants' special needs

Helsinki

2 days

13 CE  
credits€ 1500  
+VAT

## Lecturers

- **Dr. Kari Pihlman**  
DDS (Private practice in Finland)

Hands-on lecturers: Planmeca product specialists

## Venue

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

## Target group

- Graduated dentists and dental technicians
- The course will be carried out in English

## Side program

- Nordic dinner and sauna evening at Planmeca's seaside villa
- Voluntary visit to Planmeca's headquarters and factory

## Course fee

The price for the course is 1,500€ + 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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