
🗓️ Day 1: January 23, 2026 - Foundations & Single Restorations

The first day focuses on the **exocad** software environment, essential tools, and the design of single-unit restorations like crowns, inlays, onlays, and veneers.

Time	Subject/Module	Topics & Hands-On Practice
9:00 – 10:00 AM	**Introduction to exocad and Digital Workflow**	**Digital Dentistry Overview:** Components (scanner, software, printer/milling). **exocad Interface & Project Manager:** Setting up a new case, file formats (STL, DICOM). **Basic Navigation:** Mouse controls, view manipulation, toolbars, and hotkeys.
10:00 – 11:30 AM	**Essentials: Data Import & Model Preparation**	**Data Alignment:** Aligning scan data (maxilla, mandible, bite). **Margin Line Definition:** Manual vs. automatic margin tracing for single units. **Insertion Direction:** Defining the path of insertion and block-out.
11:30 AM – 12:30 PM	**Crown Design (Full Contour)**	**Basic Crown Workflow:** Placing the crown, selecting tooth libraries, and using the **Wizard**.

		Anatomic Design Tools: Applying cutbacks, free-forming, and using the morphing tool.
12:30 – 1:30 PM	🍽️ **Lunch Break**	
1:30 – 3:00 PM	**Crown Design: Advanced Refinement & Contacts**	**Occlusion Management:** Using the Virtual Articulator (if available) for dynamic occlusion, trimming interproximal and occlusal contacts. **Minimum Thickness:** Checking and adjusting the restoration for material requirements. **Saving and Exporting:** Exporting the final STL file for manufacturing.
3:00 – 4:00 PM	**Inlay/Onlay Design**	**Preparation Analysis:** Reviewing the specific requirements for Inlay/Onlay cases. **Margin Line & Restoration Placement:** Step-by-step design workflow, focusing on proper seal and fit.
4:00 – 5:00 PM	**Veneer Design & Esthetic Principles**	**Veneer Specific Workflow:** Addressing minimal reduction, cutback, and the "Copy Pre-op" feature (if available). **Basic Smile Design Concepts:** Adjusting length, width, and alignment for esthetics.

🗓️ Day 2: January 30, 2026 - Advanced Restorations & Model Creator

The second day moves into multi-unit restorations (bridges) and the crucial **Model Creator** module for digital model fabrication.

Time	Subject/Module	Topics & Hands-On Practice
9:00 – 10:30 AM	**Bridge Design: Frameworks & Connectors**	**Case Setup:** Designing a 3-unit posterior bridge case in the Project Manager. **Framework Design:** Setting parameters for connectors, minimum thickness, and material selection (e.g., Zirconia). **Connector Adjustment:** Free-forming the connectors for strength and proper fit.
10:30 AM – 12:00 PM	**Bridge Design: Full Contour & Occlusal Setup**	**Pontic Design:** Selecting and positioning the pontic for proper tissue contact (hygiene space). **Occlusal & Interproximal Adjustment:** Refining the anatomy of the full bridge using free-form tools and adjusting occlusal contacts.
12:00 – 1:00 PM	**Advanced Tips & Expert Mode**	**Expert Mode Functionality:** Exploring non-wizard tools for complex modifications. **Troubleshooting:** Dealing with faulty scans,

		undercuts, and common design errors.
1:00 – 2:00 PM	🍽️ **Lunch Break**	
2:00 – 3:30 PM	**Model Creator Module: Basics & Die Preparation**	**Introduction to Model Creator:** Overview of the module's capabilities (creating physical models from digital scans). **Die/Segmented Models:** Designing individual, removable dies for single-unit cases, including pin placement and die trimming.
3:30 – 4:30 PM	**Model Creator: Articulated & Implant Models**	**Articulated Models:** Creating models with bases designed for common printing/milling systems, including base creation and labeling. **Introduction to Implant Models (Brief):** Basic concepts of designing models with removable gingiva and lab analogs (where applicable in a basic course).
4:30 – 5:00 PM	**Review, Q&A, and Next Steps**	**Final Case Review:** Rapid review of all restoration types designed over the two days. **Q&A Session:** Addressing specific questions and practical challenges. **Further Learning:** Discussing advanced modules and resources.