SWOOD DESIGN

PREREQUISITES	LENGTH	DESCRIPTION

- SOLIDWORKS Essentials (SWOOD Design is a SolidWorks add-in and works in conjunction with the core SolidWorks toolset)

3 Days

- The course enables students to automate furniture design using a set of features dedicated to wood and panel processing. This course will teach you how to build a library of panels, frames, and connectors. SWOOD design makes furniture design automation possible via SWOOD smart assemblies (known as SWOODBox) that lets the user quickly create new designs with all the required manufacturing detail, by using simple drag and drop from your library.

SWOOD & THE USER INTERFACE

- SWOOD User Interface
- File References

SWOOD PANELS

- Add simple panels in an assembly
- Manipulate the dimensions and the orientation of the panels

SWOOD FRAMES

- Create a SWOOD frame assembly
- Adding panels to the frame Parametric design

PANELS

- Panels anatomy
- Editing an existing panel
- Panel properties
- Creating a custom panel from scratch
- Multi-stock and bent panels

CONNECTORS

- Inserting an existing connector
- Creating a new connector from scratch
- Programming interface
- Compound connectors and connector patterns

SWOODBOX

- SWOODBox properties
- Adding SWOODBox to a frame assembly
- Editing and manipulating the box

MATERIALS MANAGEMENT

- Types of Materials
- Material appearance
- Material thickness

EDGEBANDS

- Types of edge bands
- End and edge treatment options Stock Offset

SWOODBOX ANATOMY

- Creating a new SWOODBox from scratch
- Programming interface
- Machining operations

SWOOD

CAD MicroSolutions Inc.
www.cadmicro.com

GTA: 30 International Bvd. #1, Toronto, ON, M9W 6L9, Canada
TRI-CITIES: 225 Pinebush Rd, Suite 102, Cambridge, ON, N1T 189
Phone: (416) 213-0S33 I **Toll-Free:** I (888) 401-5885
contact@cadmicro.com | sales@cadmicro.com

1