

Learn how to use CMS IntelliCAD® Training Videos

The Basic Level – Table of Contents

LESSON 1-1	X-Y COORDINATE SYSTEM, INPUTTING POINTS, CMS INTELICAD SCREEN, BASIC TERMINOLOGY	
	Starting Commands in CMS IntelliCAD	Lesson 1_1 (03:06)
LESSON 1-2	ASSIGNMENT 1 INTRO TO DRAWING / MODIFYING COMMANDS	
	Assignment 1	Lesson 1_2 (03:39)
	Extra Practice #1	Lesson 1_2_P1 (02:12)
	Extra Practice #2	Lesson 1_2_P2 (01:55)
LESSON 1-3	MORE MODIFYING COMMANDS / OBJECT SNAPS (TRIM EXTEND OFFSET)	
	Assignment 2	Lesson 1_3 (05:24)
	Exercise 3	Lesson 1_3_P1 (04:19)
	Exercise 4	Lesson 1_3_P2 (03:19)
	Bonus 1	Lesson 1_3_P3 (02:14)
LESSON 1-4	ASSIGNMENT 3 ACCURATE INPUT	
	Assignment 3	Lesson 1_4 (02:26)
	Exercise 5	Lesson 1_4_P1 (02:58)
	Exercise 6	Lesson 1_4_P2 (02:28)
LESSON 1-5	SELECTION SETS	
	Selecting Objects – P1	Lesson 1_5_P1 (01:39)
	Selecting Objects – P2	Lesson 1_5_P2 (02:35)
LESSON 1-6	ASSIGNMENT 4 MODIFYING COMMANDS (MOVE COPY STRETCH MIRROR)	
	Assignment 4	Lesson 1_6 (02:08)
	Exercise 7	Lesson 1_6_P1 (04:21)
	Exercise 8	Lesson 1_6_P2 (02:36)
LESSON 1-7	ASSIGNMENT 5 MODIFYING COMMANDS (ROTATE FILLET CHAMFER ARRAY)	
	Array	Lesson 1_7_Array (02:39)
	Polar Array	Lesson 1_7_ArrayPolar (03:00)
	Assignment 5	Lesson 1_7 (05:47)
	Exercise 9	Lesson 1_7_P1 (06:12)
	Exercise 10	Lesson 1_7_P2 (04:17)
	Exercise 12	Lesson 1_7_P3 (02:17)
LESSON 1-8	ASSIGNMENT 6 (LAYERS DIMENSIONS TEXT SCALE)	
	Assignment 6	Lesson 1_8 (05:05)

Continues on the next page

LESSON 1-9 DIRECT DISTANCE ENTRY AND OBJECT TRACKING

DDE and Polar Tracking

Object Tracking

Dynamic Input

Lesson 1_9 (02:39)

Lesson 1_9_ObjectTracking (03:43)

Lesson 1_9_DynamicInput (03:03)

LESSON 1-10 CHANGING THE PROPERTIES OF OBJECTS

Object Properties

Lesson 1_10 (04:04)

LESSON 1-11 ZOOMING AND PANNING AROUND A DRAWING

Zoom and Pan

Lesson 1_11 (02:12)

LESSON 1-12 ORTHOGRAPHIC PROJECTION

Orthographic Projection P1

Lesson 1_12_P1 (02:06)

Orthographic Projection P2

Lesson 1_12_P2 (05:00)

LESSON 1-13 SECTION VIEWS

Section Views

Lesson 1_13 (05:26)

Learn how to use CMS IntelliCAD® Training Videos

The **Intermediate** Level – Table of Contents

LESSON 2-1	PLANNING A PROJECT - OFFICE FLOOR PLAN	
	Computer Room Project - P1	Lesson 2_1_P1 (04:33)
	Computer Room Project – P2	Lesson 2_1_P2 (10:17)
	Office Space Project	Lesson 2_1_Office (14:25)
LESSON 2-2	INTRODUCTION TO BLOCKS - CREATING AND INSERTING (DYNAMIC BLOCKS)	
	Creating Blocks	Lesson 2_2 (05:45)
	Dynamic Blocks (Part 1)	Lesson 2_2_P1 (06:24)
	Dynamic Blocks (Part 2)	Lesson 2_2_P2 (05:37)
	Writing Blocks (WBLOCK)	Lesson 2_2_WritingBlock (02:49)
LESSON 2-3	ALIGN AND ROTATE COMMANDS	
	Align and Rotate	Lesson 2_3 (01:50)
	Align Exercise	Lesson 2_3_P1 (01:21)
LESSON 2-4	ATTRIBUTES - NON-GRAPHICAL INFORMATION	
	Creating Attributes	Lesson 2_4_CreatingAttributes (10:05)
	Extracting Attributes	Lesson 2_4_ExtractingAttributes (02:31)
LESSON 2-5	HATCHING - FILLING AREAS	
	Hatch and Related	Lesson 2_5 (07:29)
LESSON 2-6	WORKING WITH TEXT	
	Text in CMS IntelliCAD	Lesson 2_6 (06:05)
LESSON 2-7	POLYLINES	
	Polylines	Lesson 2_7 (05:27)
	Revcoulds	n.a.
LESSON 2-8	LAYOUT TABS - PLOTTING AND PAPER SPACE	
	Layouts / Paper Space	Lesson 2_8 (03:22)
LESSON 2-9	PARAMETRIC CONSTRAINTS - not included in this course	
	n.a.	n.a.
LESSON 2-10	ELEVATION DRAWINGS	
	Creating Elevation Drawings	Lesson 2_10 (15:14)

Learn how to use CMS IntelliCAD® Training Videos

The 3D Drafting Level – Table of Contents

LESSON 3-2	ISOMETRIC DRAWING IN CMS INTELLICAD Isometric Drafting	Lesson 3_2 (02:43)
LESSON 3-3	WORKING IN 3 DIMENSIONS (X,Y,Z AXIS, 3D ROTATION) Working in 3D	Lesson 3_3 (03:45)
LESSON 3-4	VIEWING 3-D OBJECTS (PERSPECTIVE VIEWS, 3D ORBIT, DVIEW) Using DView	Lesson 3_4 (04:30)
LESSON 3-5	BASIC WIREFRAME MODELS Creating a Wireframe Model	Lesson 3_5 (06:42)
LESSON 3-6	LINE THICKNESS Line Thickness	Lesson 3_6 (02:46)
LESSON 3-7	REGIONS AND 3-D FACES AND EXTRUDING Extruding Faces & Extruding Text	Lesson 3_7 (05:50) Lesson 3_7_Faces_Extruding (04:05)
LESSON 3-7A	MORE ABOUT EXTRUDING & LOFTING Extrude (Path & Taper) - Loft Command	Lesson 3_7 (05:00)
LESSON 3-8	REVOLVED OBJECTS - REVSURF AND REVOLVE Revolve and Revsurf	Lesson 3_8 (06:21)
LESSON 3-9	ADDING MATERIALS IN CMS INTELLICAD Adding Materials and Basic Rendering	Lesson 3_9 (06:21)
LESSON 3-10	PRIMITIVE SOLIDS Creating Primitive Solids	Lesson 3_10 (15:14)
LESSON 3-11	BOOLEAN OPERATIONS AND 3D EDITING Boolean Operations and 3D Editing	Lesson 3_11 (11:14)
LESSON 3-12	CHANGING FROM THE WCS TO THE UCS Setting the UCS / Dynamic UCS	Lesson 3_12 (05:58)
LESSON 3-15	EXTRA PROJECTS AND A TUTORIAL Review of exercises	Lesson 3_15 (04:20)
LESSON 3-16	PUTTING IT ALL TOGETHER - MODEL A BUILDING Model a Building in 3D	Lesson 3_16 (16:29)
LESSON 3-17	INTRODUCTION TO RENDERING AND LIGHTING IN CMS INTELLICAD Lighting and Rendering	Lesson 3_17 (06:54)

Learn how to use CMS IntelliCAD® Training Videos

The **Advanced** Level – Table of Contents

LESSON 4-1	CMS INTELLICAD TEMPLATE FILES Template Files	Lesson 4_1 (02:11)
LESSON 4-2	USING OSNAPS IN CMS INTELLICAD Using Osnaps	Lesson 4_2 (05:02)
LESSON 4-3	LINETYPES AND LINETYPE SCALE Linetypes and Lineweights	Lesson 4_3 (04:44)
LESSON 4-4	CMS INTELLICAD FILE FORMATS File Types and Recovery	Lesson 4_4 (04:52)
LESSON 4-5	GRIP EDITING / DIVIDE COMMAND Grips & Divide / Nodes	Lesson 4_5 (07:40)
LESSON 4-6	CMS INTELLICAD'S INQUIRY TOOLS Inquiry Tools	Lesson 4_6 (08:11)
LESSON 4-7	XREF'S (EXTERNAL REFERENCES) External References	Lesson 4_7 (04:40)
LESSON 4-8	SYSTEM VARIABLES IN CMS INTELLICAD n.a.	n.a.
LESSON 4-9	TABLES Formatting Tables	Lesson 4_9 (04:39)
LESSON 4-10	CREATING AND PUBLISHING SET SHEETS Creating Sheet Sets	Lesson 4_10 (02:37)
LESSON 4-11	MODIFYING AND CREATING DIMENSIONS Creating a Custom Dimension Style	Lesson 4_11 (07:02)
LESSON 4-11A	DIFFERENT TYPES OF DIMENSIONS Types of Dimensions	Lesson 4_11A (07:36)
LESSON 4-12	INTRODUCTION TO CMS INTELLICAD CUSTOMIZATION Customizing	Lesson 4_12 (04:54)