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Introduction to IntelliCAD 6

These notes explain the basic concepts and techniques for doing 2D line drawings, with dimensions, arranged onto sheets for printing, using the 6.4 or 6.6 versions of IntelliCAD

IntelliCAD 6.4 & 6.6 is compatible with DWG data files produced by AutoCAD up to version 2009.

IntelliCAD is a system produced by the IntelliCAD Technology Consortium (ITC) who licence the core software code to companies who join the ITC, who can then produce versions for sale and if they wish incorporate their own additions or variations to the way the 'Core' IntelliCAD works. This creates some confusion and difficulty for constructing a training course or book on IntelliCAD. So this course deals mainly with the 'Core' IntelliCAD that is generally common to all companies' versions. Where needed, indented notes refer to features of particular versions. Not all variations are noted and in the writer's opinion, most of the variations to standard operation are not of great value and a few are actually unhelpful. Most makers' versions provide an extra pull down menu with extra, separate tools unique to that product. Those extra facilities are not dealt with at all here.

This course is suitable for all products that use the ITC IntelliCAD 6.4 or 6.6 system. The content of this manual is applicable to the following products plus several others that have not been tested -

AutoDsys IntelliCAD 6.4, AutoDsys AcceliCAD 2010, Cadopia-8, SIACAD 6.4

These notes explain how to get started and become familiar with IntelliCAD's command logic, and then how to set up various basic facilities for 2D drawings, and organise the work environment for productive usage. They include many tips and items of practical usage advice that are not found in the product manuals or Help system. There are many 3rd party books on AutoCAD but few if any on IntelliCAD. Because IntelliCAD was designed to be extremely similar to AutoCAD, those books may be applicable to IntelliCAD to a great extent, but for new learners can be very confusing because of the considerable differences in detail that exist.

Pointing Devices – In the old DOS days of AutoCAD (up to v12) it was usual to buy a costly *Digitizer Tablet* to use for pointing on the screen and for creating Tablet Menus. With today's controls in Windows, those methods are obsolete. They can be used but are a waste of money unless you really need a Tablet for digitizing-tracing from a paper original. These notes do not deal with tablets, tablet menus or with digitizing as they are very, very rarely used today. But I strongly recommend the use of a "Wheel" mouse.

Templates -- The most important thing about getting started with CAD and using it in a productive way is to set up your own template that will then be used as the basis for all new drawings. Otherwise each new drawing will have the default settings which are basically for American users, even though metric. These notes include a detailed explanation of the somewhat complex task of creating your own template. But because that task requires knowledge of most of the material presented here, it is the last topic in these notes.

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