

A Plan to Begin Entry Level CAD Education

At Kishwaukee College

The following is a plan to help students transition into the profession of Computer-Aided Drafting and Design at Kishwaukee College.

1.) NEXT FALL, SIGN UP FOR:

CAD110 Orientation to CADD (1 credit) - is a good entry point for this program with a very minimum cost. There is no textbook but there is a required learning guide that may be downloaded for free as a PDF file if you do not wish to purchase it.

3A01	<u>CAD-110 Orientation to CADD</u>	Malta Campus Room A-415	(4 Weeks) 08/28/2012 to 9/20/2012 TR, 06:00PM-08:50PM	M. Schwendau
3A02			(8 Weeks) 9/1/2012 to 9/22/12 SA, 09:00AM-11:50AM	Staff

2.) BUY-DOWNLOAD-REGISTER:

Kishwaukee College does not require students to have their own computer and CAD software at this time, but we are often asked what we suggest for a student home CAD system. The college does not endorse Best Buy but notes it as having the best price.

For CAD110 - Draftsight CAD Software - <http://www.3ds.com> FREE!

CAD Laptop \$700-1,000

TYPICAL LAPTOP CAD SYSTEM REQUIREMENTS:

Microsoft® Windows® 7 Enterprise, Ultimate, Professional, or Home Premium
 Intel® Core i5-450M® 2.4 GHz dual-core processor with Intel Hyper Threading Technology
 Mobile Intel® PM55® Express Chipset
 4 GB DDR3 RAM
 500 GB Serial ATA Hard Drive
 Super Multi DVD±RW Drive
 Intel® GMA Graphics®
 High-definition Audio w. Built-in Stereo Speakers (2Wx2)
 10/100 Mbps Fast Ethernet LAN
 IEEE 802.11 b/g/n Wireless LAN
 Integrated 1.3 Mp Webcam and Microphone
 3-in-1 Card Reader
 15.6" Widescreen TFT LED-Backlit LCD (1366x768)

In addition to the integrated Intel graphics HD chipset, you want to get a machine that has an internal graphics card such as an AMD® Radeon™ HD 6370M graphics processor w/1GB DDR3 VRAM, or at least a NVIDIA® GeForce® g210m w/512MB DDR3 VRAM. Also you should get Microsoft Windows 7 Home Premium or Professional pre-installed w/CoA & reinstall partition.