Course Outline
CADD 121
Customizing AutoCAD©
3 Credits

The Community College of Baltimore County

Description

Customizing AutoCAD - emphasizes custom designing software for individual user needs and applications; includes file management functions, ascribing and editing of blocks, writing macros, editing on-screen menus, customizing user menus, and writing script files.

3 Credits: 2 lecture hours and 2 laboratory hours

Prerequisite: CADD 101 or permission of program coordinator.

Overall Course Objectives

Upon completion of this course students will be able to:
1. set AutoCAD© preferences;
2. load and unload toolbars;
3. set text styles;
4. create and use attributed blocks;
5. extract attributes for use in spreadsheet or database programs;
6. create plot style tables;
7. plot to a plotter and the Web;
8. integrate Word and Excel data with AutoCAD©;
9. create and implement macros; and
10. create customized toolbars.

Major Topics

   I.   Preferences
  II.   Text Styles
 III.   Blocks and Attribute Creation
  IV.   Extracting Attributes
   V.   Plotting
  VI.   Hyperlinking and Using the Web
 VII.   Object Linking and Embedding
VIII.   Macro Language
  IX.   Plotting
   X.   Toolbars

Course Requirements

Grading procedures will be determined by the individual faculty member but will include the following:

Grading/exams

- Portfolio including a minimum of three graded exercises
- A minimum of three tests
- One comprehensive midterm and final examination (Two examinations)

Written Assignments: Students are required to use appropriate academic resources.

Other Course Information

This course is a core course in the CADD curricula. This course is taught in a computerized environment.

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