

**Course Outline**  
**CADD 121**  
**Customizing AutoCAD®**  
**3 semester hours**

**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 3 laboratory hours per week. Prerequisites: CADD 101 or permission of program coordinator.*

**Overall Course Objectives**

Upon completion of this course the student 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.
10. Create customized toolbars.

**Major Topics**

1. Preferences
2. Text Styles
3. Blocks and Attribute Creation
4. Extracting Attributes
5. Plotting
6. Hyperlinking and Using the Web
7. Object Linking and Embedding
8. Macro Language
9. Plotting
10. Toolbars

## **Course Requirements**

Grading/Exams: Grading procedures will be determined by the individual faculty member and will include the following:

1. Graded exercises
2. Periodic tests
3. Comprehensive final examination
4. Class project

## **Other Course Information**

This course is a core course in the CADD curricula.  
This course is taught in a computerized environment.  
There are 2 lecture and 3 laboratory hours per week.