

# Drafting/CAD

## Continuing Education

*Give your drafting/design career a new dimension...*  
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Visit [www.pbcc.edu/ti.xml](http://www.pbcc.edu/ti.xml) for course descriptions, schedule and fees.

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 Send your email address to: [ti@pbcc.edu](mailto:ti@pbcc.edu)

*Space is limited. Sign up now!*

For more information call  
**561-868-3702**

**AutoCAD Introduction**  
**CPO 0325**      **24 hours**      **\$170.68**

Join us and learn about the new and enhanced tools that make AutoCAD a designer's dream. Learn to use Autodesk AutoCAD software, the industry standard for computerized drafting. Upon completion of this course, the student should be able to create a basic 2D drawing using drawing and editing tools, organize drawing objects on layers and add plot.

Ref#	Dates	Days	Time	Campus
131707	8/27-10/8	R	6p-9:30p	LW
131709	9/12-10/24	S	9a-12:30p	LW

**AutoCAD Intermediate**

**CPO 0326**      **15 hours**      **\$167.80**

Increase your AutoCAD skills by learning to use efficiency tools including grips and advanced object selection; drawing with complex objects including polylines, regions and multiline; defining blocks and attributes; using external reference files and image files; using layouts and advanced plotting features. Prerequisite: CPO 0325 or equivalent knowledge.

Ref#	Dates	Days	Time	Campus
131708	10/15-11/19	R	6p-8:30p	LW
131710	10/31-12/12	S	9a-11:30a	LW

**Inventor 3D Design Introduction**

**TIO 0375**      **30 hours**      **\$209.60**

See and revolve your designs before they are built, just like major manufacturers do! This course introduces the concepts and techniques of 3D design using Autodesk Inventor software. Students will learn solid modeling from 2D sketches, assembly tools and drawing management. Course Prerequisites: Basic computer skills. AutoCAD skills are helpful.

Ref#	Dates	Days	Time	Campus
Contact for dates and times				

**Revit Architectural Drafting Introduction**

**TIO 0380**      **30 hours**      **\$209.60**

Learn to use Autodesk Revit, a fully parametric architectural 3D design software. By using Autodesk Revit you will learn to design the same way the professionals do. When you change one view using a parametric program the other views are changed automatically to reflect your change. For example, if a door is deleted in the door schedule, that door is automatically deleted from the floor plan and elevations. This state-of-the-art software, also called Building Information Modeling, truly takes architectural computer design beyond being a high-tech pencil. This course teaches you to create a 3-dimensional model of a residence, and print the floor plan and elevations of the building. Course Prerequisites: Basic computer skills. AutoCAD skills are helpful.

Ref#	Dates	Days	Time	Campus
131705	8/29-10/17	S	9a-1:20p	LW

**Revit Architectural Drafting Intermediate**

**TIO 0381**      **30 hours**      **\$209.60**

Intermediate Revit teaches how to automate creation of schedules and sections by taking advantage of the parametric features. You will learn how Revit's building information model prevents errors in architectural drawings. With Revit it is almost impossible to have a miss-reference detail tag. The course teaches creation and printing of photo realistic renderings of the model, and how to create and print a whole set of drawings. Prerequisite: TIO 0380 or equivalent knowledge.

Ref#	Dates	Days	Time	Campus
131706	10/24-12/12	S	9a-1:20p	LW

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