

Machining

Continuing Education



Become skilled at the newest techniques in CNC programming!

Learn new procedures and methods using state-of-the-art equipment in Palm Beach State College's Machine Shop.

Increase your skills to improve your job performance and your job potential.

Discover or increase your basic understanding of industry standard software.

Visit www.palmbeachstate.edu/trades.xml for additional offerings, schedules and fees.

Interested in more information? Want to be added to our mailing list? Send your email address to: ti@palmbeachstate.edu

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

PALM BEACH STATE
COLLEGE

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CNC Machining Intro **TIO 0360** **30hours** **\$149.60**

Discover the fundamentals of programming a Computer Numeric Control (CNC) machine used in many machine shops today. A CNC milling machine allows the student to create parts, contours, pockets and shapes that would be extremely time consuming, if not impossible, on a manual knee type mill. Upon completion of this course the student will be able to create a G-code program from scratch using all the involved principles.

| Ref# | Dates | Day | Time | Campus |
|------|-------|-----|------|--------|
| TBA | | | | |

Mastercam Intro **TIO 0353** **30hours** **\$149.60**

Mastercam is the most commonly used CAM software worldwide and remains the program of choice among CNC programmers. CAM programming software delivers the most comprehensive milling package with a simplified, customizable interface, more power, and even faster, robust tool path calculations. The programmer can visualize their part program on the computer screen before it is actually cut on a CNC machine in the machine shop. Prerequisite: Computer drafting and some exposure to CNC machining.

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SolidWorks Introduction **TIO 0350** **18hours** **\$168.76**

SolidWorks CAD software for mechanical 3D modeling offers fully integrated, easy-to-use analysis tools that allow you to test multiple "what if" scenarios and optimize your designs from within SolidWorks. Learn the fundamentals of computer based modeling to design and assemble parts before they are created in the machine shop. The designer can visualize their part on the computer screen before it is prototyped in the machine shop.

| Ref# | Dates | Day | Time | Campus |
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