



# **Technology Career Seminars**

## **Welding Technology**

4 Saturdays—March 3, 10, 17, 24 / 9am to 12pm / \$80.00

Instructor: Chuck Taber, Location: Room ME-13

This is a great opportunity for individuals looking to explore a new career in welding and see how welding plays an important role in many industries. Participants will learn about the welding certifications offered at Cerritos College during this 4-session seminar. Numerous hands-on demonstrations will be presented by licensed and certified welders.

*Processes covered will include:*

- Shielded Metal Arc Welding
- Gas Metal Arc Welding
- Cutting Processes
- Shop Equipment

## **Composites Fabrication**

2 Saturdays—March 31 & April 14/ 9am to 12pm / \$45.00

Instructor: Terry Price Location: Room ME-1

This comprehensive workshop is designed to give attendees theory with and “hands-on” exposure to fabrication methods with these “high-tech” composite materials and understand how they are molded, shaped, and fabricated into useful light-weight, strong and durable items.

*Learn about:*

- Vacuum Bagging Techniques
- Cure Processing
- Wet Laminating Techniques
- Pre-preg Reinforcements
- Material Identification
- Fabrication
- Bonding Techniques
- Practical “Hands-on” Training

## **Industrial Design and Machine Technology**

4-Saturdays—May 5, 19, 26, and June 2 /9am to 12pm / \$80.00

Instructor: James Barnes, Location: Room ME-3

You will explore the jobs of industrial designers and machinists. Industrial designers create products using design software. Machinists take the design and actually produce it on computer numerically controlled (CNC) machines.

*You will design and machine your own personalized nameplate. Processes covered will include:*

- Sketching and transferring your design to the computer
- Performing digital machining using MasterCam software
- Helping set up a CNC machine
- Fabricating a nameplate

## **Plastics for Inventors and Designers**

2 Saturdays - April 21 & 28 / 9-12pm / \$45.00

Instructor: Terry Price, Location: Room ME-1

This “Plastics 101” workshop is designed for those who need to understand plastics so they can integrate them easily into their ideas and projects.

*The workshop will include a variety of plastic samples and hand-out materials as well as covering:*

- Terminology
- Materials
- Fabrication processes.
- Tooling
- Applications
- Equipment
- Production
- Prototyping

**TO REGISTER:**

**Call (562) 467-5050 or visit [www.cerritoscommunityed.com](http://www.cerritoscommunityed.com)**

**For more information on the seminars above, contact us at (562) 860-2451 ext. 2511  
CerritosTrainsU@cerritos.edu [www.CerritosTrainsU.com](http://www.CerritosTrainsU.com)**