

Manufacturers Promote Technical Education

CACT board members Sue Metzger, Human Resource Manager of Carpenter Advanced Ceramics (caceramics.com) and Nick Bruno, President of Harris & Bruno International (harris-bruno.com) graciously invited the Sierra College CACT to film their operations in May. The film will help Sierra College promote technical education to young people.



Nick Bruno toured CACT around his Roseville manufacturing facility.



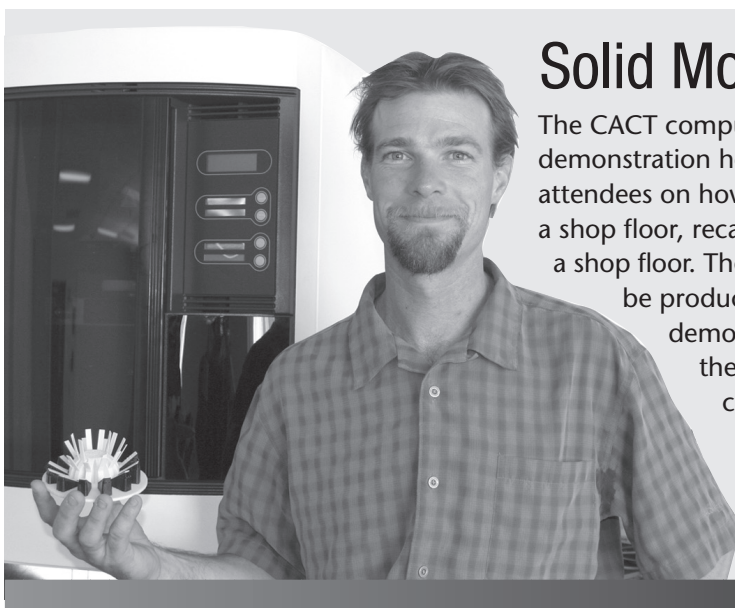
Sue Metzger guided the CACT video team.

MS® Access Database Training

In May, the Nevada Irrigation District (nid.dst.ca.us) asked Sierra College Training & Development to provide introductory and intermediate Microsoft® Access Training to employees. When data becomes too complex for a spread sheet, MS Access can be used for analyzing, summarizing and reporting. Employees immediately found practical applications for their new skills: "I'm in the process of setting up databases, queries and forms for information needed by several departments. Now I can do it!" and "Now I'll be able to set up forms in the GPS unit." For training information, contact Judy Schmidt at (916) 781-6288 or email judithschmidt@sierracollege.edu.

Hands-on Soldering Taught at Blaylocks

Blaylocks (blaylocksinc.com) is a custom shop in Foresthill specializing in wire processing, discreet wire and multi-conductor harnesses, electro-mechanical assemblies, cutting and stamping and terminating. Employees participated in a 16 hour IPC Solder Workmanship Standards training in May. When asked what the most valuable part of the course was, staff reported: "Understanding the physics of soldering," "Being shown different soldering applications" and "plenty of hands-on work." For training information, contact Judy Schmidt at (916) 781-6288 or email judithschmidt@sierracollege.edu.



Solid Modeling Demonstration

The CACT computer-aided engineering and manufacturing demonstration held in Roseville sparked discussion among attendees on how Solid Modeling can be used to re-design a shop floor, recalibrate a part, test a new design or layout a shop floor. The group also saw how 3D working parts can be produced using rapid prototyping. For a demonstration at your worksite on how these techniques can give your business a competitive advantage, call Judy Schmidt at (916) 781-6288 or e-mail judithschmidt@sierracollege.edu.

Jon Stallman, CACT Engineering Consultant, shows a part made in the rapid prototype machine behind him.

Mechatronics Fits Lumber Industry's Needs



Bob Mertz (L) and his team from Sierra Pacific look at the Mechatronics training equipment with faculty.

Bob Mertz, Regional Manager of Sierra Pacific Industries (www.sierrapacificind.com), recently visited the Sierra College Mechatronics (RealSkillsRealJobs.com) program. Sierra Pacific Industries owns or manages approximately 1.5 million acres of forestland in California. The lumber mill located in Lincoln is the largest in North America. "Sierra Pacific Industries is excited about the training available through the Sierra College Mechatronics program," said Mertz. "It is a program that brings real-world applications to education. During our tour, we were impressed with the faculty, staff and students. The knowledge and skills the students are learning are critical to Sierra Pacific's future in manufacturing. We hope to build a lasting relationship with Sierra College and the Mechatronics program."

CACT Recruits Program Manager

You can help CACT attract a new Program Manager by letting your associates know that Sierra College is accepting applications through July 26. Applicants should have knowledge of manufacturing systems, technology trends, business performance assessment, customized training, sales and budgeting. The Program Manager is supervised by the Sierra College Director, Workforce Development and Continuing Education. For more information, call Sandra Scott at (916) 781-6244 or go to sierracollege.edu.

Construction Boot Camp Held

To attract qualified workers and give them the basic skills needed to enter the construction industry, Sierra College CACT co-sponsored a two-week Construction Boot Camp in early June. Graduates earned certifications in CPR/First-Aid Certification, OSHA Safety Overview, Forklift Safety Training and Flagger Training. Construction companies met with candidates at a job fair immediately after the graduation.

Rapid Prototype Demo in San Francisco

The Sierra College CACT rapid prototyping equipment was presented at San Francisco City College (SFCC) in April. "Jon Stallman is a wonderfully enthusiastic and knowledgeable trainer; he was a big hit," said Andrea Speraw, SFCC CACT. As a result of the presentation, Fabio Saniee, Chair, Engineering and Technology Department said, "We plan to integrate Solid Works in several of our engineering and CAD courses." The benefit to employers will be more students with skills suited to manufacturers' needs. For a demonstration at your worksite, call Judy Schmidt at (916)781-6288 or e-mail judithschmidt@sierracollege.edu.

Ski Industry Takes Mechatronics Course

With ski industry equipment becoming more sophisticated, technicians need on-going training in maintenance of mechanical, electronic and hydraulic systems, according to executive director of the California Ski Industry Association (californiasnow.com) Bob Roberts. "Repairing high speed lifts, snow making and grooming equipment, and fleets of off-road vehicles now requires Mechatronics skills," said Roberts. "We are co-sponsoring a specialized training program with Sierra College this summer because we were impressed with the first class instructors and the practically-driven Mechatronics program. This partnership reinforces California's leadership role in winter sports technical training." For more information, contact Sandra Scott at (916) 781-6244 or sscott@sierracollege.edu.

Cisco Van Coming to Sierra

CACT advisory board member, Gia McNutt, CEO of Special Order Systems (team-sos.com) has arranged for the Cisco Network on Wheels Van to visit the college on September 13 to inspire more students to consider technical careers. Businesses are welcome to stop by too! For information, call Judy Schmidt at (916)781-6288 or e-mail judithschmidt@sierracollege.edu.