

Advanced Technology and Applied Science “Good Stuff” November and December 2011

Automotive Technology Cliff Meyer reports:

Donations

Kia Motor America has donated a GDS Global Diagnostic System to the Auto Tech department at Saddleback College. This software will allow us to perform factory diagnostics and reprogramming to all Kia vehicles. Our new Panasonic Tough Book computer will be used for this purpose. The value of this software and cables is \$6,000.00.

Awards

During the first section of the fall 2011 semester one student has qualified for the Tuttle Click Scholarship program. He is Mike McAllister. He will be receiving a \$750.00 scholarship each semester, a complete tool box and the opportunity to work at a local Tuttle Click dealership. Congratulations for a job well done.

General

During the month of September and October Clifford Meyer gave two presentations to market and provide information on the auto tech program at Saddleback College. The first presentation was at the President’s State of the College Breakfast and the other event was the K-12 Breakfast for our surrounding school district administrators, high school principals and counselors. Both of these events were well received by the attendees. These events were hosted by Saddleback College and allowed the attendees to learn about the auto tech program at Saddleback College.



During the month of October the auto tech department took delivery of a new 2011 Kia Optima Hybrid. This vehicle will be used for our new hybrid technology marketing and outreach program to the local high schools and our local industry partners. The vehicle will also be used in class for demonstration purposes in many of our hybrid and alternative fuel courses.

Presentations, Outreach and Tours

During the month of October Matthew Miller and Clifford Meyer have been working on updating our Auto Tech website (www.saddleback.edu/atas/automotive_technology). Matt was hired as a Project Specialist due to his great computer skills and outgoing personality. He will continue to work in our department on Perkins projects throughout the school year. Matt has currently completed a master list of all high schools in Orange County. This new list of private and public high schools will provide us with great marketing opportunities! We have also started to contact the high school counseling departments. We are sending them marketing materials to their senior class. We are growing! Great job Matt.

Clifford Meyer's Auto 220 Alternative Propulsion class visited UCI's National Fuel Cell Research Center on Tuesday November 1, 2011. This tour was well received by the students. We were able to learn about the current Hydrogen fuel cell vehicles in testing. There were 2 Toyota Highlander Hydrogen fuel cell vehicles in their testing fleet. There were 7 Toyota Prius plug in hybrids for us to look at! We are very happy to have UCI as one of our industry partners!

Architecture and Drafting Susan Zimmer reports:

Saddleback CTE student joins the local Technology Workforce

Mr. Ray Macias is currently an incumbent student in the Drafting Technology program. In October 2011, he accepted a Jr. Drafting position with a lighting company in Lake Forest. He was initially hired as an Intern, but that position was upgraded within one month to a salaried position with vacation and full benefits.



Ray was chosen over several other Saddleback CAD drafting students. Interestingly, the co-owner of the lighting company who contacted me looking for candidates is, himself, a former student of the Saddleback College Drafting Technology program.

Foods, Nutrition and Culinary Arts Lisa Inlow reports:

Two Saddleback culinary students tried out for *Master Chef* this past week-end. Students Basillio Sanchez and Scott Simon participated in the open call for season 3 located in Los Angeles. Both of our contestants enjoyed the "interesting" experience. Each contestant was required to bring a hot plated entree for taste testing. No preparation area or heating elements were provided which make the competition more challenging. Our students used "tailgate techniques" to complete their hot plates. Both had a great time meeting the judges and other contestants. Who knows maybe one of them will make the cut!

Environmental Studies Morgan Barrows reports:

The Alternative Energy Technologies students visited the National Fusion Laboratory to see how nuclear fusion works, the prospects of nuclear fusion as a viable energy source, and what studies graduate students are doing in the field.

Students of the Natural History of CA, ENV 24 hiked and did restoration work in the Prado Basin near Corona, an 11,000 acre area behind the dam and spillway (still sports "200 years of freedom" in large painted letters) seen off the 91 Fwy. The Basin supports the single largest remaining forested wetland in coastal southern CA and is the center for recovery efforts for the endangered least Bell's vireo on the Santa Ana River. The students participated in reforestation efforts by planting several hundred willows, cottonwoods, and mulefat. These ongoing efforts have resulted in lush riparian habitat that currently supports the single largest least Bell's vireo population in existence.

Env 24 instructor D. Zembal runs a recovery program for one of southern CA most beleaguered species, the endangered Light-footed Clapper Rail in cooperation with the Huntington Beach

Wetlands Conservancy, CA Department of Fish and Game, and US Fish and Wildlife Service. One important aspect of the program is captive propagation. Wild rails have been taken to Sea World, the Safari Park, and Chula Vista Nature Center where they have bred in captivity; the captive-bred youngsters are released into the wild to augment smaller population in several coastal wetlands. This month marked the release of the 300th captive bred rail since 2001 when Zembal founded the program. Students visited one of the captive breeding facilities and participated in the refurbishment of artificial nesting rafts deployed for the rails in the UC Kendall-Frost Reserve in northern Mission Bay next to Campland. A muddy but fun time was had by all.



This fall, for the first time, the Environmental Studies Department offered Certified Interpretive Guide training, a certification course designed by the National Association of Interpretation for those acting as guides in museums, parks, and nature centers and at the completion of the course, twenty-four students were certified by National Association for Interpretation, a great benefit to the participants and to the public of Orange County, who will benefit from their additional knowledge in program planning!

Environmental Studies students began their volunteer activities in September in the Native Garden. Their initial activities were focused on general clean-up and preparing some of the area for the season rain events that occur in the fall.

The Environmental Awareness Club discussed some of the activities the club will be during throughout the year. There was a good turnout for the first meeting. The next meeting is scheduled for Nov 15th. Tentative activities discussed included the following:

- Adopt-a-Beach program - Let's help clean up one of the [nation's dirtiest beaches](#), Doheny Beach! It'll be a great, educational opportunity about water usage, waste and its impact on the ecosystem. More bacteria = More science fun!
- Tree planting on campus with the [Lion's Club](#)
- Field trip to the [Salton Sea geothermal plant](#)
- Field trip to a [Treatment, Storage and Disposal Facility](#)
- Electronics recycling drive
- Earth Week events - haven't got into details about this yet but we've talked about having more guest lecturers, getting other departments and other clubs involved.
- Creating a walking path around campus

Fashion and Fashion Design Malia Hill reports:

Classes:

FASH 150 Fashion Apparel and Professional Techniques students are exploring fashion history in the 20th century, as well as art elements and design principles. Below, student Rosanna Tan is presenting her mobile on surrealist art and fashion in the 1930's.



Field Trips:

The FASH 254 Fashion in Southern California Class has visited St. John Knits as well as other sites this semester such as; Hurley, Cach Cach, La Jolla Group, and Fashion Business Inc.

Internships:

Nikki De Leon is interning at St. John Knits
Ryan Foxx is interning at Rip Curl
Omar Aziz is interning with Shanti Winter
Carolina Lopes is interning with Shanti Winter
Simone Hildreth is interning at SwimSpot
Shireen Kaviani is interning at Element
Lindsay Holmes is interning at Victoria's Secret
Martha Nestor is interning with Anthropologie Visuals

Debby Bohunita is interning at St. John Knits

Student News:

Julie Sparkuhl has been guest blogging on the Saddleback Fashion Department website and has written 4 articles so far. You can check out her posts here:

<http://saddlebackcollegefashion.blogspot.com/search/label/Sparkuhl>

Saddleback College had a dress she made in Spring 2010) on the Earlier in the year she year old prodigal and he did an editorial The dress is made out currently designs a Bella" and has a great been featured also in magazines, but this is swimwear/lingerie her website and



Brandi Borchard, a Fashion Student, recently in FASH 132 Draping (in Italian Vogue website! did a photo-shoot with 16 photographer Raul Romo based around the dress. of plastic bags. Brandi swimwear line "Bonsoir success with it. She has Alt Noir, Prism, and Votive her first and only non-shoot. Please check out facebook below.

<http://www.bonsoirbella.com/>

<http://www.facebook.com/bonsoirbella>

Check out details here: <http://saddlebackcollegefashion.blogspot.com/2011/11/student-featured-on-italian-vogue.html>

Fashion Judi Nowland reports:

Last week I was appointed as one of 5 new Commissioners to the newly formed City of Dana Point Arts and Culture Commission. There were 27 applicants and the final 14 were interviewed by the City Council during their Oct. 24 council meeting and broadcast live on television.

The next day Dana Point Mayor Scott Schoeffel called and congratulated me on being selected for the Commission. I am very excited about this opportunity to become more involved in the city where I have raised my family and enjoyed its beauty and amenities for the last 24 years.