

Cerritos College

The month of February the Cerritos ATTE Center developed and signed new contracts with industry. We signed a contract with an nationally known architect to offer her courses in partnership with ATTE for the 2011 calendar year. We also developed fee based courses in transportation area with local municipalities. Lastly, the Center actively pursuing grants with our partnership

CITY COLLEGE OF SAN FRANCISCO- February 2011

MONTHLY HIGHLIGHT (Narrative, min 250 words, most important event to your Center this month)

CCSF-ATTE is coordinating the TrainGreen SF effort (TGSF, funded by the Mayor's Office of Economic & Workforce Development, MOEWD). We have three different training cohorts underway at this time; each will complete two semester's worth of course work this Spring semester.

The cohort learning Energy Efficiency and Building Audits is geared towards helping students pass the HERS1 and BPI exams. The class has completed most of its theory modules, and will be moving on to testing equipment and analysis in March. Our instructor has taken the opportunity of the grant to develop a course outline for a class on building envelope science, which the Construction Dept hopes to bring before the curriculum committee this spring.

Our Solar Thermal cohort is learning plumbing applications during the first half of the semester, which is a prerequisite for the solar thermal installation course due to begin in April. We have recruited the President of Luminant to teach the installation course; he will become adjunct faculty at the college in March, and this class will be the pilot offering of this new for-credit class. Both of these cohorts are also receiving instruction in basic construction skills, construction safety, contextualized math, and customer service.

The third TrainGreen SF cohort is learning office and administrative support skills, so they can work in support roles in green businesses. Those classes (Microsoft Applications, Keyboarding, Business Communications, Customer Service and Office Procedures) are contextualized with a class on Environmental Literacy, which was developed for this grant program.

The TGSF grant has allowed ATTE and the college to develop new curriculum, obtain state-of-the-art teaching equipment and texts, partner with local industry and CBOs, and build our pool of faculty possessing energy-related expertise. A renewal application for this grant was submitted to MOEWD at the end of January. Funding decisions should be announced later this spring.

College of the Desert

MONTHLY HIGHLIGHT (Narrative, min 250 words, most important event to your Center this month)

The highlight for College of the Desert's ATTE program during the month of February was the "KidWind" program conducted on Saturday, February 6th. This program is being offered in California through the National Science Foundation funded ATE CREATE Renewable Energy Center. Its purpose is to provide teachers with curriculum and materials to teach wind energy in their classrooms and to motivate students to learn the related scientific principles. Four regional workshops for teachers were scheduled. COD ATTE hosted the February 6th workshop for teachers throughout Coachella Valley at the Desert Energy Enterprise Center. Twenty-five (25) teachers representing area middle schools and high schools, including the two Coachella Valley energy academies, were in attendance. Regional student competitions are now being scheduled and will follow later this spring. The final competition will be held in Anaheim this summer. The program flyer and day-of-the event photos are available on request.

LONG BEACH CITY COLLEGE

MONTHLY HIGHLIGHT

Long Beach City College has been an active participant in our Clean Cities Stakeholders as a founding Stakeholder. Demetre Dovalis attends all the meetings and reports back details regarding upcoming events. Clean Cities was asked to get involved in the alternative fuels racing by aligning with the American Le Mans Series (ALM) as they travel to each location in the country starting with the Long Beach Grand Prix (LBGP). ALM uses Methanol, a man made fuel, to power thier race cars and they are embarking on a program to promote this fact at each venue. The ALM program contacted Clean Cities to see what partnerships and promotion is available during which LBCC's Alternative Fuels Program came up. A series of conference calls were quickly conducted and a plan developed to get the ALM teams involved at the school during LBGP week.

We have a mini-Grand Prix each year with students competing in a push-cart racing event which is held the week before the LBGP. An ambitious 3 phase program was developed in which drivers would attend our mini-grand prix as support, the president of the association would bring a racing Corvette to campus and speak to our transportation students, and our alternative fuel students would attend the Grand Prix on Friday of race weekend to tour the pits and even practice with the crews. All three events have major logistics considerations as the plans unfold regarding transportation, insurance, permissions and other issues.

We have plans for the students to tour the LBGP pits on friday of race weekend and split up among 6 teams to perform some pit related functions as practice. The President of the association will also bring a racing Corvette to the shop, on Thursday of race weekend, and talk to the students about careers in alternative fuels and racing/automotive. Plans are even gelling to have some of the local racing crews at the mini-grand prix the Saturday before the race to help with checkered flag duties and some have indicated a desire to actually participate.

This is a win-win opportunity for our students, the Clean Cities organization, and the Long Beach Grand Prix/ American Le Mans Series teams to partner up for the promotion of careers and alternative fuel use. It would not have happened without our continued involvement in the Clean Cites program since its inception. Long Beach is the first venue on the Grand Prix circuit and also the first Clean City in California so this was a natural. Based upon our plans, a nationwide conference call of all Clean Cities organizations that have a race nearby was implemented. We were asked to attend this call and explain the ideas and plans we have going to entice the other entities to accomplish something similar. Our program is the only venue where this large of a plan is possible due to the college programs.

ATTE Center – San Diego Miramar College

FEBRUARY 2011 Monthly Report

MONTHLY HIGHLIGHT

The ATTE Center worked with the San Diego Clean Fuels Coalition to increase the funding of the Coalition to \$80,000 in a grant received from the United States Department of Energy. The byproduct of this funding is the likely increased deployment of alternative fuel vehicles in the region and in turn an increase in demand for technical training. This increase in demand will dovetail with the expansion of advanced transportation technology programs at San Diego Miramar College.

Rio Hondo College

MONTHLY HIGHLIGHT

New A.S. Degree and Certificate of Achievement in both Alternative Energy Technology and Alternative Fuels approved by Chancellor's Office.

West Valley College - February 2011

MONTHLY HIGHLIGHT

The ATTE has successfully completed to two more energy management courses targeting unemployed Nummi workers and veterans. A total of 29 students graduated from the two courses. Of these students 12 students participated in a three week intensive program on the West Valley College campus. The other 17 students were trained in San Benito County.

Paid for by the Employment Training Panel, the 110 hour course covers the three main subject areas – an introduction to energy, energy auditing techniques, and renewable energy. The majority of the course focused on auditing techniques, but the additional information was added to provide a more well-rounded students and increasing the opportunities to find employment. The increased skills derived from the class were intended to offer opportunities to work for a utility sector.

In an effort to improve employability of students, the ATTE has established close relationships with two local WIBs - San Benito and Work 2 Future (San Jose) and the San Benito Economic Development Corporation. The WIBs were successful in securing most of the student participants, marketed the class, counseled prospective students, provided job acquisition support services, formed job circles, and offered post placement services.

This program was particularly valuable to the students in San Benito. This is the first training to go to San Benito; typically the students have to travel far outside their area to receive this type of training. As a result of this training, we were able to drastically reduce the time and travel cost to our students.