

SDCCD Community Collaborative (SB 70/1133)

Project Overview

Project	Goals	Key Accomplishments
New Projects		
Allied Health (Mesa) 02/2009-06/2010	<ul style="list-style-type: none"> Students will successfully complete a minimum of 2 college classes each year for all 4 years of high school for a total of 20-24 college units upon high school graduation. Increase partnership activities including internships, externships, placements, and on-site classes at the hospitals and clinics. 	<ul style="list-style-type: none"> 20 high school faculty received training on web-based resources focusing on infusing soft skills into the technical curriculum. Over 300 students are taking courses in: <ul style="list-style-type: none"> -Principles of Patient Care -Pathophysiology -Diagnostic Testing -Infection Control -Medical Terminology -Allied Health Medical Ethics
Auto Hybrid (Continuing Education) 02/2009-06/2010	<ul style="list-style-type: none"> Clearly define what jobs are in demand and what specific skill requirements are needed in San Diego through labor market and workforce needs research. Develop curriculum that includes hybrid technology in a new course to implement in fall 2010 with the goal of training 10-30 youths. 	<ul style="list-style-type: none"> By reviewing and researching current information on the green economy in the region, it was determined that there is currently a lack of labor market data for hybrid auto repair. Existing auto curriculum will be revised to include a new module on Alternative Fuels.
Auto Dual Enrollment (Miramar) 02/2009-06/2010	<ul style="list-style-type: none"> Increase the number of students completing certificates and AAs in automotive technology and/or entering high wage employment. Increase the number of qualified students who wish to participate in a 2+2 auto program. The program will provide them with a skill set that will allow them to obtain high wage employment in the auto industry. 	<ul style="list-style-type: none"> Conducted outreach to 32 high school students for the Toyota T-10 program and Honda PACT program being offered at Miramar College. 30 high school students received a tour of Miramar College and participated in an industry presentation from Universal Technical Institute regarding educational opportunities with their vocational schools.
WIP: Sustainability Initiative (all campuses) 02/2009-06/2010	<ul style="list-style-type: none"> Identify the key foundational skills for a "Green Worker" Develop curriculum across various disciplines and industry sectors in Sustainability. 	College/Continuing Ed projects include new curriculum for: <ul style="list-style-type: none"> City - Sustainability degree and contextualized method modules Mesa - Sustainability and Architectural Design Miramar - Alternative Fuels CE - Weatherization
Continuing Projects		
GIS with Supplemental (Mesa) 06/2008-12/2009 and 02/2009-06/2010	<ul style="list-style-type: none"> Build interactive learning modules that incorporate geospatial technologies, powerful spatial awareness, visualization, and problem-solving tools and provide educators with professional development training that prepares them to implement these modules in the classroom. Activities will be enhanced by providing additional hours for GIS faculty and industry partners to continue designing learning modules. This will expand module content and incorporate more classroom exercises and rigorously test draft modules before the final is created. 	<ul style="list-style-type: none"> 3 learning modules were completed and are ready for dissemination to teachers. 7 GIS teacher workshops have been held. Workshops focused on one of the following topics: <ul style="list-style-type: none"> -Environmental/natural resource applications of GIS and GPS -Web applications for constructing a "Virtual Reality Schools" -Introduction to GIS -Energy and GPS-enabled sensors -GeoMapApp for Earth Science* -GIS in Public Services* *Modules completed

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My Dream with Supplemental (SDCCD/SDUSD) 06/2008-12/2009 and 02/2009-06/2010	<ul style="list-style-type: none"> Develop and implement model programs that support career exploration that will expand middle school students' knowledge base of potential career and career pathway options, high school curriculum and available postsecondary training programs. Activities were enhanced by adding "hot" new industries to the revised My Dream book and by training more counselors and teachers in My Dream curriculum writing. The website will be redesigned and virtual field trips to the community colleges and other colleges from a student's perspective will be added. The website will also be linked to the Student Information System to follow middle school students as they transfer seamlessly to high school. 	<ul style="list-style-type: none"> 36 Counselors and teachers trained in My Dream materials Students have finished all 15 industry sector videos (posted online at mydream.sdccte.org) featuring hot new industries including GIS. The My Dream program was presented to American River College in Sacramento with an audience of over 80 people.
Manufacturing (City) 06/2008-12/2009 and 02/2009-06/2010	<ul style="list-style-type: none"> Produce high quality workers for the Manufacturing and Product Development industry by establishing a rigorous career pathway for students and providing students of all levels with opportunities to participate in manufacturing activities. Activities have been enhanced by serving additional high school students through various manufacturing activities, such as field trips to equipment exposition and manufacturing sites, job shadowing, practice product design and development through mini-capstone project course, and technology workshops. 	<ul style="list-style-type: none"> 24 students participated in the WESTEC Student Summit 2009 where they interacted with engineers, listened to talks about manufacturing career perspectives, and watched manufacturing equipment demonstrations. 165 middle and high school students have been reached through manufacturing activities during the life of the project. Approximately 20-30 high school students are enrolled in college manufacturing courses each semester.
Biotechnology (Miramar) 06/2008-12/2009 and 02/2009-06/2010	<ul style="list-style-type: none"> Provide teachers with more support and exposure to the life sciences industry through the Life Sciences Summer Institute (LSSI) and the online Miramar Amgen Teacher Support Center (MATSC). Activities were enhanced by increasing the number of high school and college students completing the Biotech introduction course and the number of teachers who will be provided training and LSSI externship stipends. 	<ul style="list-style-type: none"> >90 high school teachers participated in externships through the LSSI. >51 students placed in internships at La Jolla Institute for Allergy and Immunology, Salk Institute, Scripps Research Institute and Burnham Institute for Summer 2009. The MATSC website has 63 unique users regularly accessing the teacher tools and resources on the site. The website has been updated. MATSC website: http://www.matsc.org/
Project Ends December 2009		
WIP: Building Trades & Construction (City) 06/2008-12/2009	<ul style="list-style-type: none"> Increase the skill levels of students entering construction related programs and the number of women pursuing careers in construction to increase the quality and quantity of workers in the region's workforce. Provide solar energy technician training for post-secondary students and incumbent workers to increase the readiness to meet the demands of a rapidly emerging market need. Create a new high school construction technology program. Build a Mobile Solar Lab. 	<ul style="list-style-type: none"> Conducted the CTA Magic Camp to expose high school females to the construction trades and the field's opportunities. Completed new Solar Energy Utilization curriculum - AIRE 160 and 161 will launch at City College in the fall. The new Electrical Curriculum model has been added to the Construction Tech Academy (CTA) Program at Kearny High School. The new Mobile Solar Lab will be completed this semester by students at City College to support the new solar course.