

DEEP

Developing Energy Efficiency Professionals

What is DEEP?

DEEP is an employment development program that trains and educates California Community College students about energy efficiency and demand side reduction through projects and outreach within the campus community. Along with developing student interns, the program also designs strategies to be implemented statewide that will produce reductions in operational costs for California Community Colleges by promoting the understanding of demand response, conservation, improving energy efficiency, and reducing carbon emissions.

Where is DEEP now?

Launching in Fall of 2011, the DEEP Program pilot will begin at three California Community College Campuses including:

- Citrus Community College, Glendora;
- Mt. San Antonio College, Walnut; and
- El Camino College, Torrance.

DEEP will be expanded statewide once the pilot is completed.



Creating New Opportunities In Energy Efficiency.

Three Program Goals

Promote Sustainability and Efficiency Awareness
DEEP student interns will learn about sustainable lifestyles and promote what they learn.

Interns will be guided by facilities, faculty and administrative staff regarding current status of on-campus green building construction practices, recycling, green procurement, and renewable energy. This connection will help draw links between campuses sustainability and a green economy.

Engage Students with Hands on Learning & Promote Peer-to-Peer Learning Opportunities
DEEP student interns will work closely with stakeholder groups on their campuses to create and implement energy efficiency projects, and conduct outreach campaigns. These guided efforts will work toward providing students with a hands-on experience, bring the campus realized energy saving opportunities, enhance building performance, and provide multiple other benefits.

Provide Green Workforce Exposure and Real World Experience
DEEP student interns will have fast-track opportunities to be exposed to large international companies and will develop stepping stone relationships to future careers via interactions with companies such as Chevron Energy Solutions, ACCO Engineered Systems, Powersmiths, Lime Energy, Siemen's Industry Inc, Sunflower, Growing Energy Labs, Honeywell Building Solutions, and Growing Energy Labs.

Interns will be exposed to the benefits of transferring to four year colleges and how their educational interests relate to professional careers in energy.

Program Approach

The DEEP Program is primarily student-driven and allows valuable innovators to take an active role in driving Community College campuses to meet the needs of the developing green economy.

An effective Peer-to-Peer teaching model is encouraged, which allows interns to teach other students about energy and exponentially increases campus-wide energy awareness.

The recruitment, screening, and intern selection will be facilitated in close collaboration with participating campuses and the Foundation for California Community Colleges. All employee relation issues will be managed by the Foundation's Human Resources Department utilizing the SAGE system. Each selected school will receive funding for forty hours per week to be distributed among four part-time interns. Intern positions will be allocated \$10 per hour for an average of approximately 10 hours per week for the duration of the internship.

The Interns will work collaboratively with key stakeholders at each of the campuses to create campus wide goals and create a customized list of strategies to achieve those goals. Each team will allocate an intern to be responsible for the following roles: Team Leader, Team Treasurer, Team Public Resource Coordinator, and Team Secretary.

In addition, interns at each campus will have an operating budget for use of purchasing project materials, outreach campaigns, and promotion of on-campus events.

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