

DEEDS

Developing Energy Efficiency and Demand-Side Professionals



Sustainable Synergies for Energy Savings and Green Careers

What is DEEDS

DEEDS is an employment development program designed to educate and train California College students in the areas of Integrated Demand Side Management (IDSM) (IDSM = Energy Efficiency, Demand Response, and Distributed Generation) through classroom learning, on-campus projects, and outreach to local 9-12 educational institutions with career technical and career development focus to foster interest and preparation for green careers. The on-campus projects and campus awareness are also designed to produce reductions in facilities operational costs.

GOAL 1: Energy Efficiency Education and Training

Energy Efficiency Education and Training program designed to provide students with training and on-campus work experience to support their career development. Students will be guided by program coordinators, faculty and administrative staff on campus.

Promote Energy Efficiency and Demand Response Awareness

Students will learn about the importance of energy efficiency to the energy supply as well as demand response, advanced metering, distributed generation and careers in these areas.

Engage Students with Hands on Learning and skills development

Students will work collaboratively with key stakeholders to create campus-wide goals, create a list of strategies to achieve those goals, implement campus IDSM projects and conduct on-campus outreach designed to provide students with hands-on experience, and bring the campus realized energy saving opportunities.

Define Green Career Pathways

By providing detailed profiles (job description, education requirements, growth potential, experience needed, and salary range) of green careers and mentoring students, they can make better choices when deciding their career paths.

Provide Green Workforce Exposure and Real World Experience

Students will have opportunities to be exposed to real world careers. They will develop relationships with Utilities and other energy sector companies during their involvement with on-campus projects and/or via internships.

Community awareness, perform local outreach to 9-12 educational institutions

Each student will engage a minimum of 50 students from local 9-12 educational institutions with a career technical and career development focus in IDSM to encourage interest and preparation for green careers.

GOAL 2: Academic Infusion

The DEEDS students play an important role in the area of academic infusion, their input will strongly influence the design of IDSM curriculum, certificates and/or instructor training.

Incorporating IDSM into current studies

Program Administrators will work closely with faculty and Deans office to incorporate IDSM into curriculum and degree, apprenticeship and certificate programs in energy related disciplines.

Curriculum and Certificate development

Develop curriculum, certificates and/or instructor training, pilot new courses, or enhance existing curriculum with infusion of real-world applications and hands-on labs.



Students must be enrolled in one of the following disciplines:

- Architecture,
- Engineering,
- Construction Management,
- Facilities Management and
- Building Science



Global Energy Services role:

Global Energy Services (GES) helps Utilities and Local Governments achieve their energy efficiency and demand-side management outreach goals.

GES will create a win-win partnership with the California College system and other education stakeholders in this effort.

- Serve as the Program Administrator of this post-secondary education effort for the statewide Utilities.
- Convene stakeholder (Colleges, Workforce group, Utilities, etc.)
- Maintain an on-line resource portal for use by DEEDS students, CC instructors and 9-12 students.
- Coordinate consistent supervision and guidance of students statewide.
- Serve as the utility Subject Matter Expert (SME) and College advisor in the development of curriculum and certificates.

For more information about the program, please contact:

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