



## ***Green Technology Strategic Priority Initiatives for the CA Community Colleges***

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40 California Community Colleges offer courses in green or environmentally sensitive areas through its Career Technical Education program, including courses and programs. Examples include:

- Construction & landscaping
- Conservation and ecology management
- Hazard waste management
- Alternative energy.



2006-2007, the California Community Colleges awarded :

4060 degrees and certificates in Green Tech and other fields related to environmentally sensitive sectors.

- 645 degrees
- 3415 certificates



## The Future is Green

The Community Colleges are strategically positioned to help California's businesses adapt to the green economy and to help students to connect with green collar jobs.

Colleges can adapt existing programs to meet industry need

- Solar Panel Worker Certification
- Utility Worker Certification
- From 1 year Certificate, to 2 year Associate's Degree



## Strategic Priority Initiatives

Research, Education, Development and Implementation (REDI) of programs including:

- Alternative fuels including bio-fuels, bio-energy, and solar energy
- Environmentally sound manufacturing practices
- Reducing demand for energy and water
- Facilitate environmental curriculum development and promote education
- Pollution Prevention Opportunity analyses
- Renewable energy and energy conservation solutions
- Researching financial assistance grants and rebates for equipment upgrades
- Emission Control Equipment evaluation



## 4Energy Partnership

- This partnership will address the need for meeting the opportunity in Green Technology on four fronts:
  - Technology (ATTE)
  - Conservation (ETC)
  - Engineering (CACT)
  - Green Business Practices (SBDC)
- **4Energy** will combine the innovative nature and mature network of thirty six (36) Business Centers, ten (10) Transportation Centers, six (6) Environmental Centers and fourteen (14) Manufacturing Centers located throughout the state.



The California Community Colleges are uniquely positioned to prepare a highly skilled workforce for the new green economy through its system of workforce preparation:

- Apprenticeship Programs
- Governor Schwarzenegger's Career Technical Education Initiative
- Federal Perkins Funding (VTEA)
- Use of leveraged resources and grants
- Powerful collaborations and partnerships (Funding Collaboratives, state CWIB and ETP)



- ❖ For more information on CTE programs:  
[www.cacareerzone.org/](http://www.cacareerzone.org/)  
[www.whodouwant2b.com/](http://www.whodouwant2b.com/)
- ❖ For more information on 4Energy:  
[www.ccewd.net/services\\_detail.cfm?l=1&](http://www.ccewd.net/services_detail.cfm?l=1&)

Questions?