Building a Self-Sustainable Campus in the West Valley

March 19, 2010
THE FIRST 50 YEARS OF COD

- 1958 - 90% of valley voters approve C.C. District
- 160 acre O’Dell Ranch
- Plan for 5,000 students
- $3.5 million initial bond
- Complete permanent campus
‘Raised Plinth’ concept

9 key buildings serving 1,000 students

Campus center visible and imposing

Unique orientation to the desert

Palm grove concept

Pedestrian Friendly
Pre-Development
2004 - District voters overwhelmingly passed Measure B: $346.5 million bond

Expand for future growth throughout the Valley
- Renovate and grow Palm Desert Campus
- Create new campuses in the East Valley
- Create new campuses in the West Valley
2010 COD FACTS & FIGURES

Programs
- Program Areas: Over 100
- Classes: 1,000 per semester
- Students: Over 12,000 and rising

Employees
- Faculty: 125 full-time; 405 part-time
- Staff: 202
- Administration: 44

Operating Budget
- $41.3 million

Capital Budget (Bond Program plus)
- $433 million
Current Students: 451

Campus

- Modular Village design
- Prefabricated joint units create:
  - classrooms
  - administrative offices
  - storage and services
- Parking and shaded walkways
EAST VALLEY CAMPUS - Indio

Proposed Site
Going Green Big Time

- Free land, sun and wind
- Program development
- Business partnerships
- Community presence
- Commitment to sustainable practices
- Energy generation
- Revenue generation
- Self-sustainable campus
- $40 Million Bond Funded
- Approx. 700 jobs, Phase I construction
“Develop and maintain principles and guidelines of sustainability stewardship:

- Facilities design and operation
- Campus management
- Teaching and learning”

Walking the Green Talk
INTEGRATED SUSTAINABILITY GOALS

New approach to campus design, construction, operation

- Water conservation
- Energy efficiency and reduction
- Natural ventilation and ‘day lighting’ systems
- Waste management
- Renewable energy generation

Result:
- Holistic operating campus
- Environmentally responsible
- Socially responsible
- Economically viable
CITY OF PALM SPRINGS OBJECTIVES

- Capture the college – a catalyst for City’s Clean & Green community and economic development plans
- Major center for sustainable technology economic and business development
- Workforce training for new jobs
- CleanTech business development
- New city gateway
Each pillar, built on foundation of general education, represents significant opportunity for partnership and Valley development:

1. Hospitality & Tourism
2. Media & the Arts
3. Allied Health
4. Sustainability Technology (‘Clean & Green’)

COD’s Educational Master Plan process will determine mix of programs gradually offered at West Valley Campus.
LEARNING FROM NATURE

- The desert Box Canyon
- Biomimicry
- Learning from Nature
- COD’s Box Canyon
- Shaded south side
- Wind protection
- PV panels create shade
- Storm water reservoir
- Evaporative cooling
- Desert landscape
- Building on Modernism
- Sense of place
COMING AND GOING

- Transportation local/regional
- Sense of arrival
- College and community asset
- 60 – 80-acre solar photovoltaic field
- Up to 10 MW of power - potential to generate energy for 2,800 homes
- Developed by third-party integrator/developer
- 10-acre training, R&D and demonstration field
- Revenue stream for COD from sale of energy
LESSONS BEING LEARNED

- Think big, act small
- Partnerships
- Integrated design
- Green campus
- Economic driver

Walking the Green Talk
QUESTIONS?