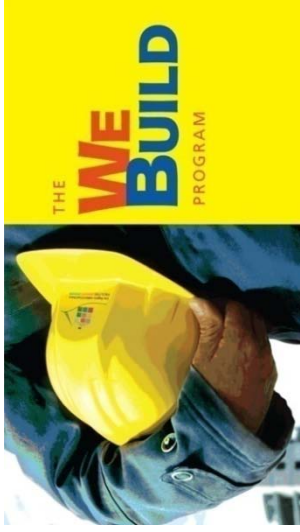

Agenda Item #6



“We Build” Program Update & UCLA Labor Center Study Summary



Facilities Committee
March 5, 2009

“We Build” Program

A Key to Workforce & Economic Development

Objectives

- Help Fulfill Contractor Apprentice Needs
- Help Cultivate Local Workforce
- Fulfill 50% Local Worker Goal
- Stimulate local economic development



Strategic Goals to Increase Local Worker Participation

- Contractor utilization of local workers & sponsorship of We Build graduates.
- Priority dispatching of local union craft workers to LAUSD projects.
- Continued union partnerships to increase local worker access to union apprenticeship.

"We Build" Program

Program Attributes: Quality Training & Strategic Outreach



SAFETY TRAINING IS #1

"We Build" Program Trainees Receive High Quality Safety Training

The Los Angeles Unified School District Facilities Services Division is committed to cultivating a local skilled workforce and to provide "We Build" Program trainees with safety training that will increase their marketability for job placement and to ensure their safety on LAUSD construction sites.

The New Construction Safety Department provided 10-Hour OSHA Training to all "We Build" students on September 10-11, 2008; and beginning on October 2, 2008, the Construction Teamster Training and Upgrading Fund of Southern California began providing 40-Hour HazMat training to students at the Los Angeles Technology Center. Similar HazMat training will be provided to "We Build" students enrolled at East Los Angeles Occupational Center, East Los Angeles Skills Center, Maxine Waters Employment Preparation Center, and West Valley Occupational Center.



www.laschools.org



East LA Career Fair Feb 2008



South LA Career Fair March 2008



Watts Career Fair June 2008



CalCon Expo August 2008



South LA 5-Yr Plan Oct 2008



Southeast Career Fair Dec 2008



Marketing & Outreach Materials



“We Build” Construction Site Banner (Public View)



“We Build” Program Brochure



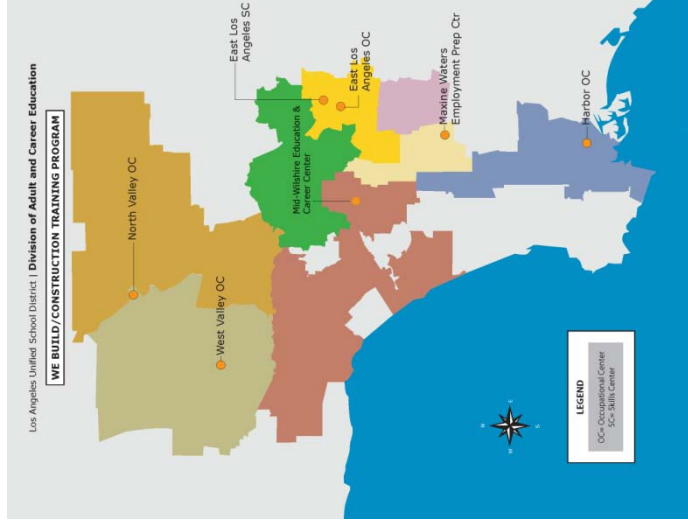
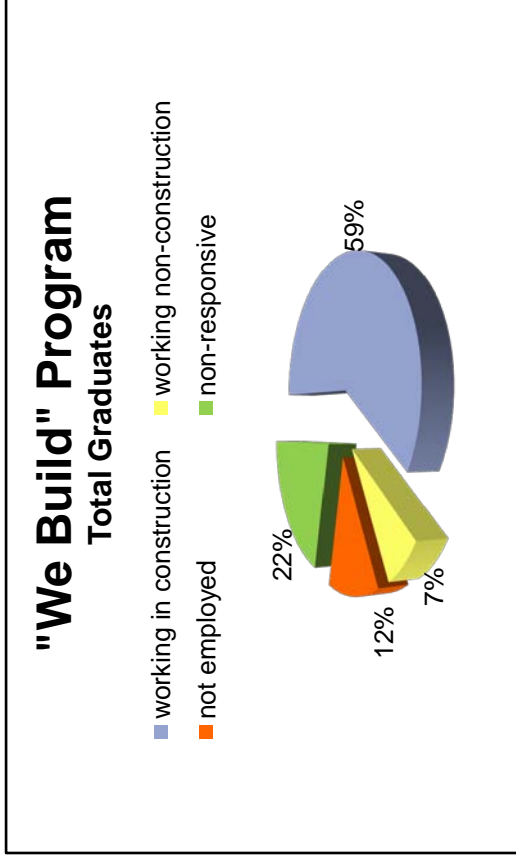
“We Build” Poster Trailer Installation (Contractor View)



"We Build" Program Program Accomplishments

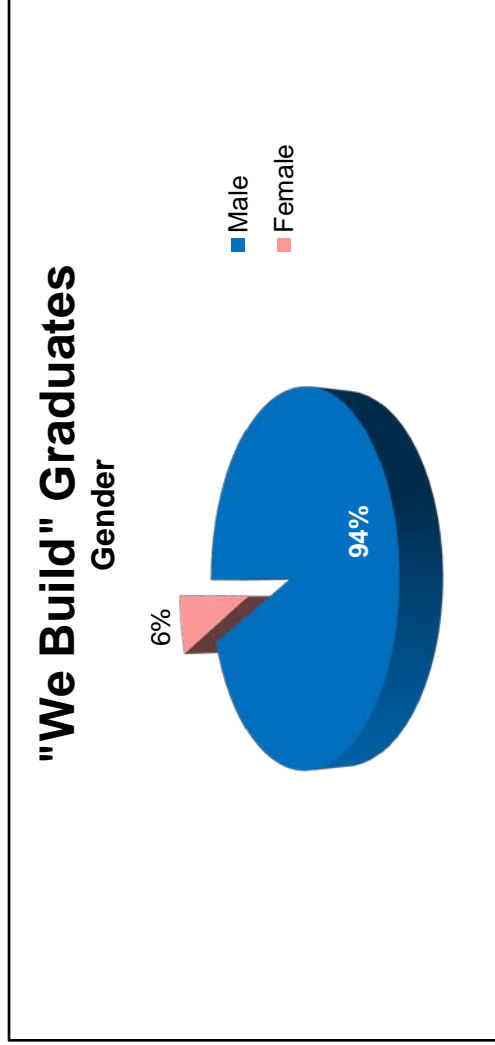
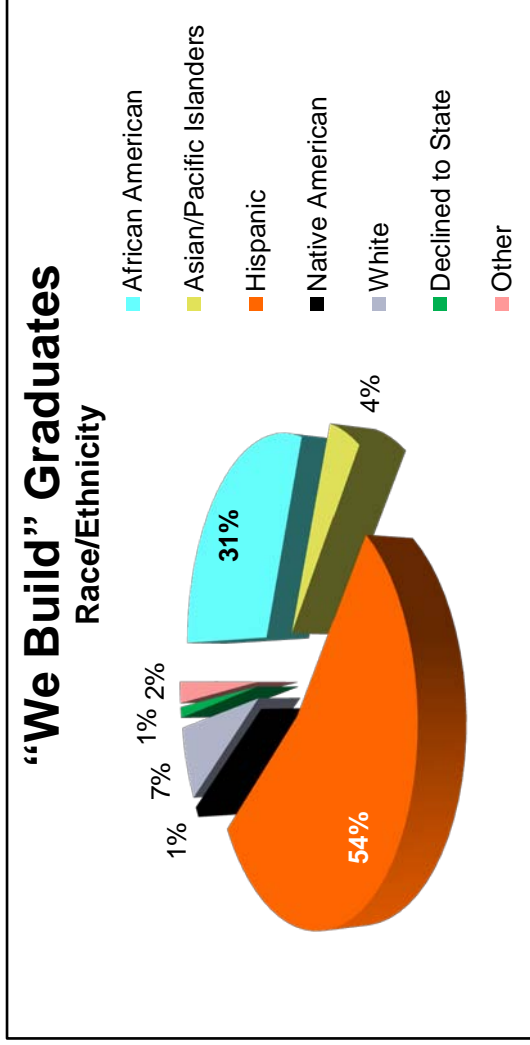
Total Graduates: 905

Training Locations: 7
Training Reps: 6



"We Build" Program

Demographic Profile

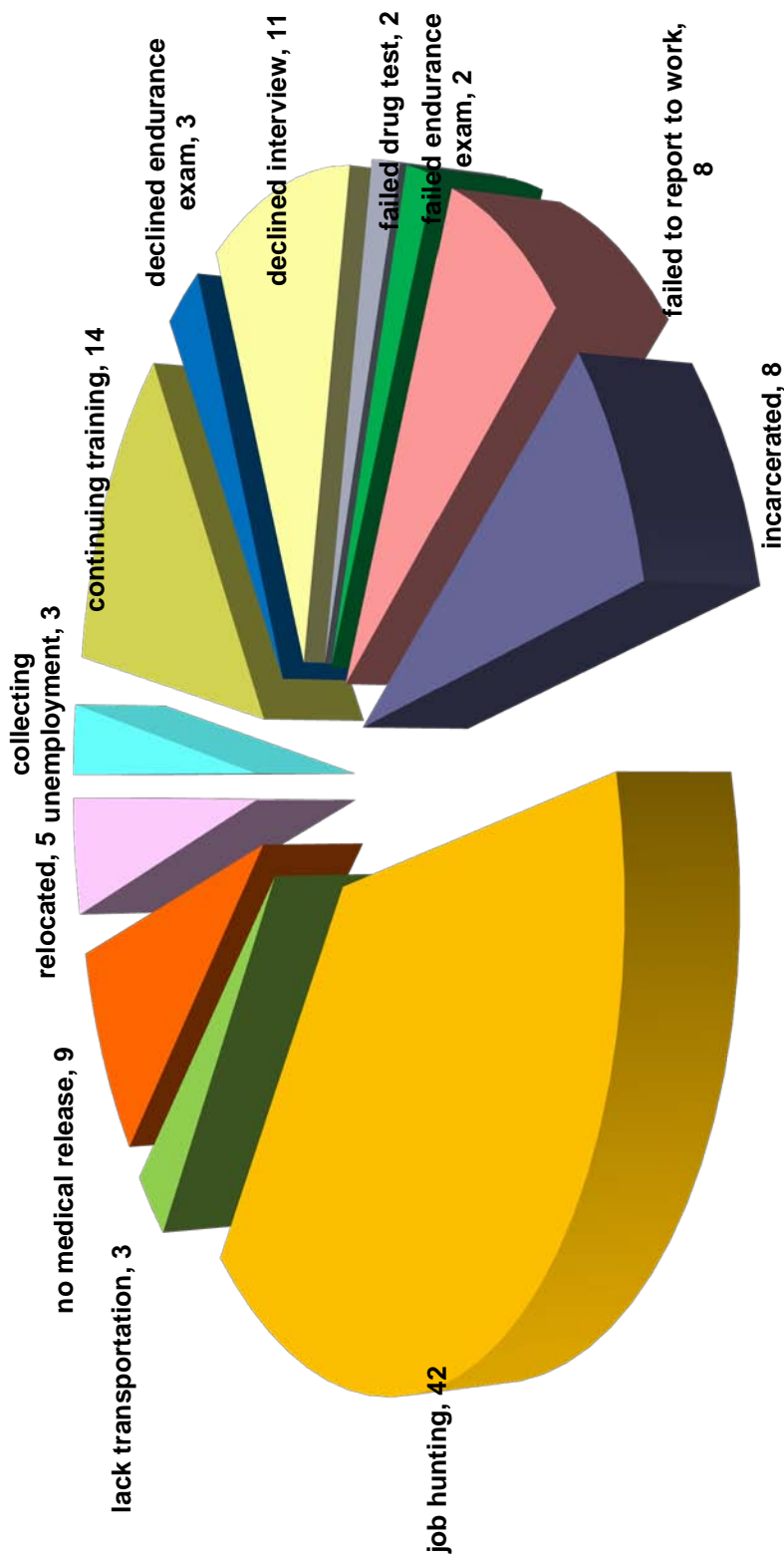


“We Build” Program

Graduate Opportunities & Barriers

“We Build” Graduates

Not Employed (110)

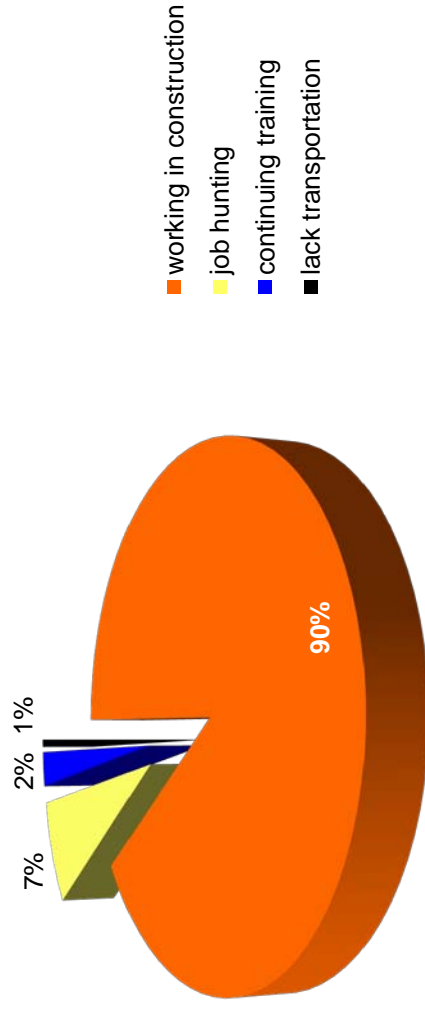


"We Build" Program

Placement Success

Placement of Ready to Work Graduates: 90%

"We Build" Program Ready to Work* (595)



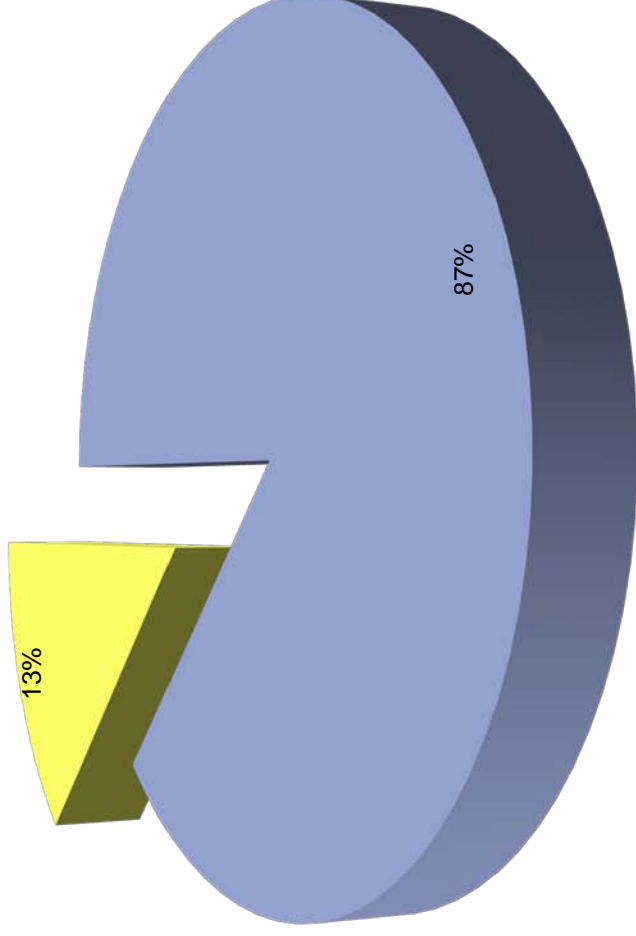
* Includes graduates who are committed to begin a career in construction, and excludes those who are non-responsive and have barriers to be "Ready to Work".

WE BUILD GRADUATES

Ex-Offender Participation

Ex-Offender Participation

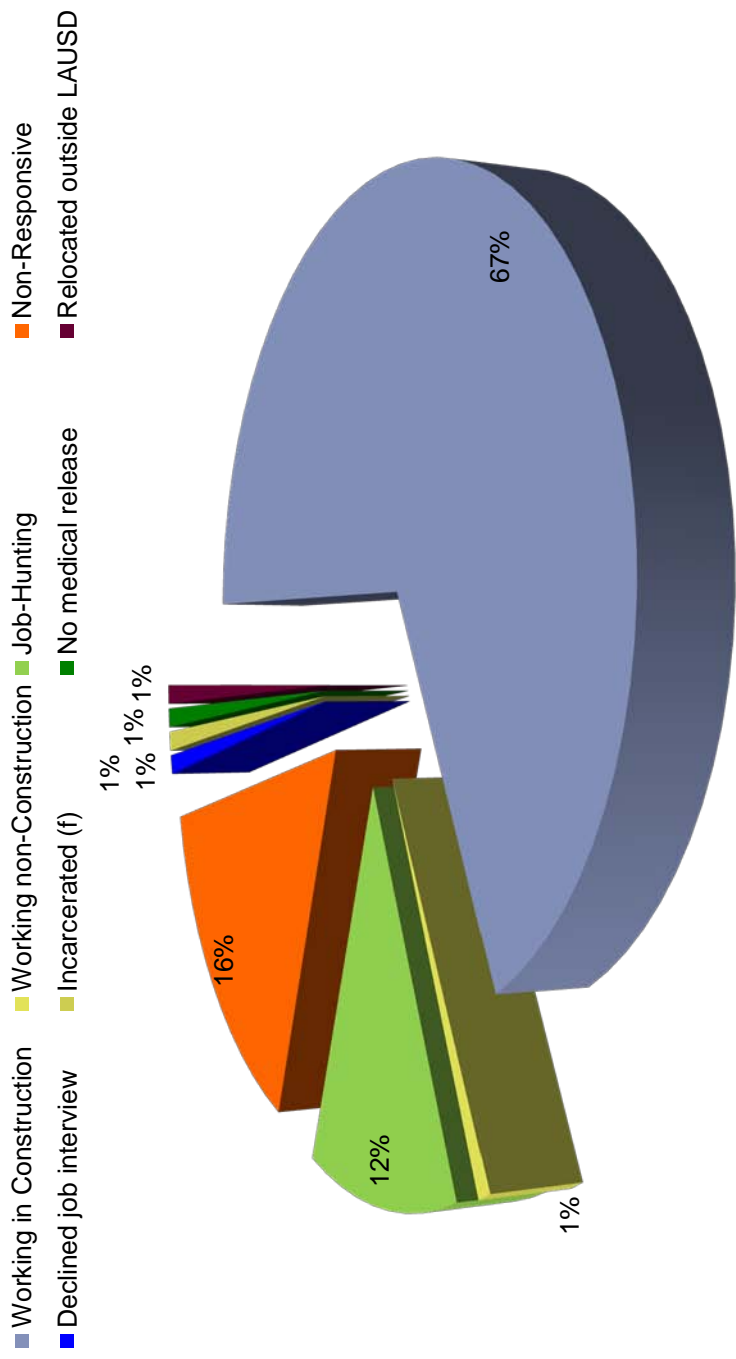
■ Non-Ex Offender ■ Ex-Offender



WE BUILD GRADUATES

Ex-Offender Placement

Ex-Offender Placement



Workforce Development Accomplishments

Local Worker Participation Level since July 2004

- 61,795 Total Workers
 - \$753.3 million in wages
 - \$30.49 average hourly wage
- 19,509 Total Local Workers
 - \$247.4 million in wages
 - \$28.55 average hourly wage



“We Build” Trainees at Los Angeles Technology Center

41,907 Total Workers within LA County

- \$533 million in wages
- \$29.64 average hourly wage



“We Build” Trainees at East Los Angeles Skills Center

UCLA Labor Center Study: Construction Careers for Our Communities

Study Scope

- Determine the benefits and results derived from Project Labor Agreements (PLA) containing local hiring goals.

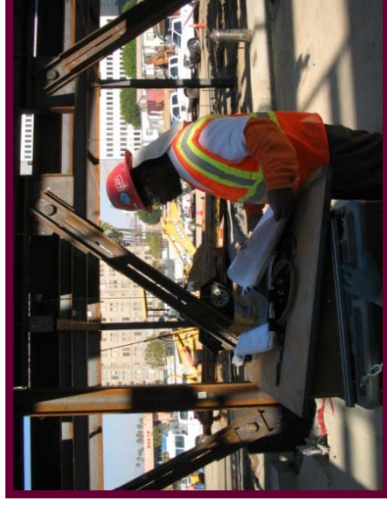
Sample Questions:

- Do PLAs increase the number of local hires and local apprentice hires on covered projects?
- Does a contractor's experience on the PLA covered project improve the firm's local hiring performance?
- Do contractors have more difficulty meeting local hiring goals when a project is fast-tracked?
- Who is more likely to be a local worker—an apprentice, a journey worker, or a foreman?
- Does the size of a contractor affect its ability to meet local hiring goals?

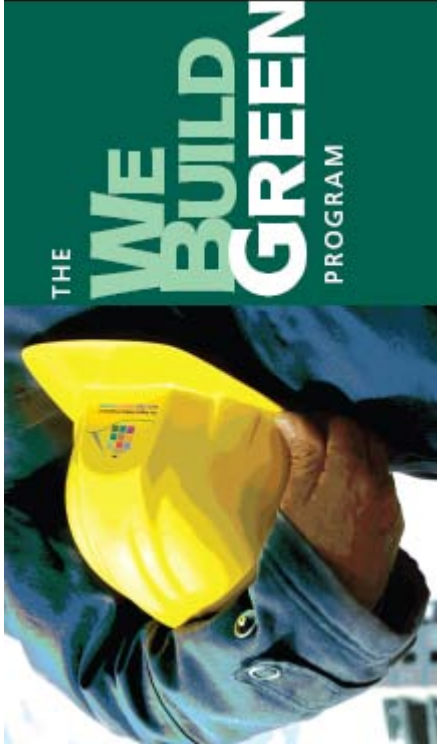
UCLA Labor Center Study: Construction Careers for Our Communities

Study Conclusions:

- Local hiring provisions in PLAs significantly increased the number of local hires.
- On LAUSD contracts, contractors on moderately paced contracts met local hiring goals more easily than contractors on fast-tracked LAUSD projects.
- Forty-one percent (41%) of apprentices, thirty-nine percent (39%) of journey workers, and twenty-three percent (23%) of foremen on LAUSD projects were local hires.
- On LAUSD projects, a new local hire is 50 percent (50%) more likely to be African American.
- Large subcontractors and general contractors disproportionately assumed responsibility for meeting local apprentice and journey worker hiring goals.
- Contractors improved their local hiring attainments as they gained additional experience.



NEW Green Workforce Development: Photovoltaic Technology & Installation



- **Photovoltaic Installation Introduction (160 hrs)—10 weeks**
 - *Unit 1: Intro to PV Technology (80 hrs)*
 - *Unit 2: Intro to PV Installation (80 hrs)*
- Introduction to electricity basics
- PV Safety
- Basic electrical theories related to PV
- PV terminology and concepts
- Basics of PV cells, modules, and arrays
- PV system sizing and system costing
- Mechanical systems
- PV electrical systems
- Installation techniques and processes
- Article 690 of the electrical code
- Trouble-shooting and maintenance
- Employability skills

BENEFITS:

- We Build Green Completion Certification
- Competitive referral to union building trades and contractors
- Develop skilled workforce to support LAUSD PV investment

Green Workforce Development: Photovoltaic Technology & Installation (cont.)



- **Photovoltaic Installation Introduction Level 1 (160 hrs)**
 - *Unit 1: Intro to PV Technology (80 hrs)*
 - *Unit 2: Intro to PV Installation (80 hrs)*

- **Photovoltaic Installer Certification Preparation Level 2 & 3 (240 hrs)**
 - *Level 2: Intermediate (140 hrs)*
 - *Level 3: Advanced (100 hrs)*

- Hands-on design and installation of PV systems

- Instructional guidance to the NABCEP certification



I'm a Student Exploring Excellence

ARCHITECTURE ENGINEERING CONSTRUCTION

YOUTH WORKFORCE DEVELOPMENT: iSEE Architecture & Engineering Internship Program



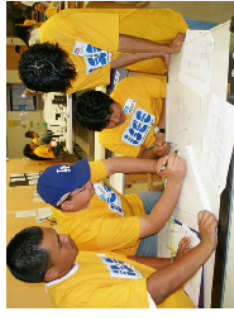
Architecture & Engineering Internship Program



iSEE students with volunteer architects and engineers during a hands-on design seminar at Los Angeles Trade Technical College.

iSEE Mission Statement

To engage, expose and challenge LAUSD high school youth to explore architecture, engineering and construction as career opportunities by capitalizing on the District's ownership of the nation's largest school Construction and Renovation Program.



iSEE students work together to design a conceptual high-school student facility.

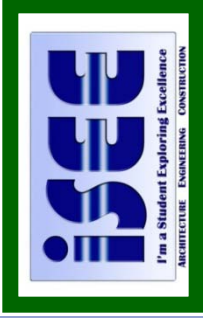
- iSEE Program Goals**
- Provide an engaging learning environment that provides an introduction to architecture, engineering and construction.
 - Increase the diversity of students entering the design and building industries.
 - Develop sustainable mentorship relationships with students.
 - Facilitate student access to college architecture, engineering and construction management academic programs, and to available scholarship opportunities.
 - Provide hands-on experiences that makes students capable and marketable prior to attending college.
 - Connect eligible graduates of the high school internship program to the LAUSD Construction Management Intern Program.

The High School Connection to Careers in Architecture, Engineering and Construction

- Learn from industry professionals
- Participate in paid internships
- Earn college credit
- Attend construction site tours
- LAUSD High School Juniors, Seniors and recent dropouts welcome

Together... We Change The Face of L.A.





YOUTH WORKFORCE DEVELOPMENT: iSEE Architecture & Engineering Internship Program

NEW!



January 2009 Kick-off!

Curriculum

- College enrollment (Revit)
- Introduction to Sustainability & Conservation
- How to Design a Solar Panel Project
- Hands-on construction
- Hands-on solar installation
- Paid summer internship

Program Eligibility

- LAUSD HS Junior, Senior or recent dropout

Enrollment Deadline: January 10, 2009

CONTACT INFORMATION

Veronica Soto
Director of Contractor Relations & Small Business Program
Email: veronica.soto@lausd.net

Anabel Barragan
Manager, “We Build” Program
Phone: (213) 241-4990
Email: anabel.barragan@lausd.net

Michael Richardson
Assistant Manager, “We Build” Program
Email: michael.richardson@lausd.net

Guelsy Gomez
Manager, iSEE Architecture & Engineering Internship Program
Phone: (213) 241-4979
Email: guelsy.gomez@lausd.net

WEBSITE INFORMATION

LAUSD School Construction & Modernization Program: www.laschools.org
We Build Program: <http://www.laschools.org/contractor/webuild>
iSEE Architecture & Engineering Internship Program: <http://www.laschools.org/contractor/sbop/isee>
Small Business Program: www.laschools.org/contractor/sbop

