



Rollout and Stakeholder Meeting

April 8, 2011

10:00am – 12:00pm

Welcome

Dr. Dena Maloney, VP Economic Development
College of the Canyons



Why are we all here?

Laurel Shockley

Project Manager, Economic & Business
Development, Southern California Edison
Chair, LA AERO Advisory Committee



Aerospace Manufacturing

- California is responsible for ~25% of the aerospace industry in the U.S. ¹
- 1,850 aerospace companies in Los Angeles County ²
- 37,000 workers in aerospace manufacturing in Los Angeles County³
- Generates over \$27 billion in sales; Los Angeles accounts for 42% of this total²

1 California Aerospace Industry 2011. California Business Minute.

2 Aerospace Manufacturing and Support Industries in California, 2010. Northern California Center for Excellence and CACT at Cerritos College

3 Los Angeles Economic Development Corporation, 2010.



Aerospace Manufacturing

- Aging workforce
- Development of new technologies
- Use of new materials
- Increased production schedules
- Need for a highly skilled workforce

US Department of Labor ETA: Trade Adjustment Assistance Community College and Career Training Grant (SGA/DFA-PY-10-03)

Deadlines

Deadline for Applications: April 21, 2011

Grantees Selected: June 30, 2011

Program Start Date: July 1, 2011

Program End Date: June 30, 2014

Purpose

The intent is to fund projects that expand and improve the ability of community colleges to provide education and training programs that can be completed in two years or less, are suitable for the diverse population of workers eligible under the TAA for Workers program and other eligible individuals and prepare them with the skills, degrees, and credentials needed for high wage, high skills occupations that meet the needs of employers for skilled workers.

Necessary and Suggested Partners

All lead applicants must submit an application on behalf of a partnership that includes at least one organization from each of the following partner categories:

- (1) employers and industry associations
- (2) local, county, or state agencies administering TAA for Workers programs
- (3) local Workforce Investment Boards
- (4) labor organizations
- (5) local educational agencies serving the community

Available Funds

Up to \$500 million will be awarded. Awards between \$2.5 and \$5 million will be made to individual applicants. Awards between \$2.5 and \$20 million will be made to consortia of community colleges. Every state will receive at least 0.5 % of the total funds available.

Four Priorities

DOL has four priorities to increase attainment of degrees, certificates, and other industry-recognized credentials and better prepare the targeted population and other beneficiaries, for high-wage, high school employment:

1. accelerate progress for low-skills and other workers
2. improve retention and achievement rates to reduce time to completion
3. build programs that meet industry needs, including developing career pathways
4. strengthen online and technology-enabled learning



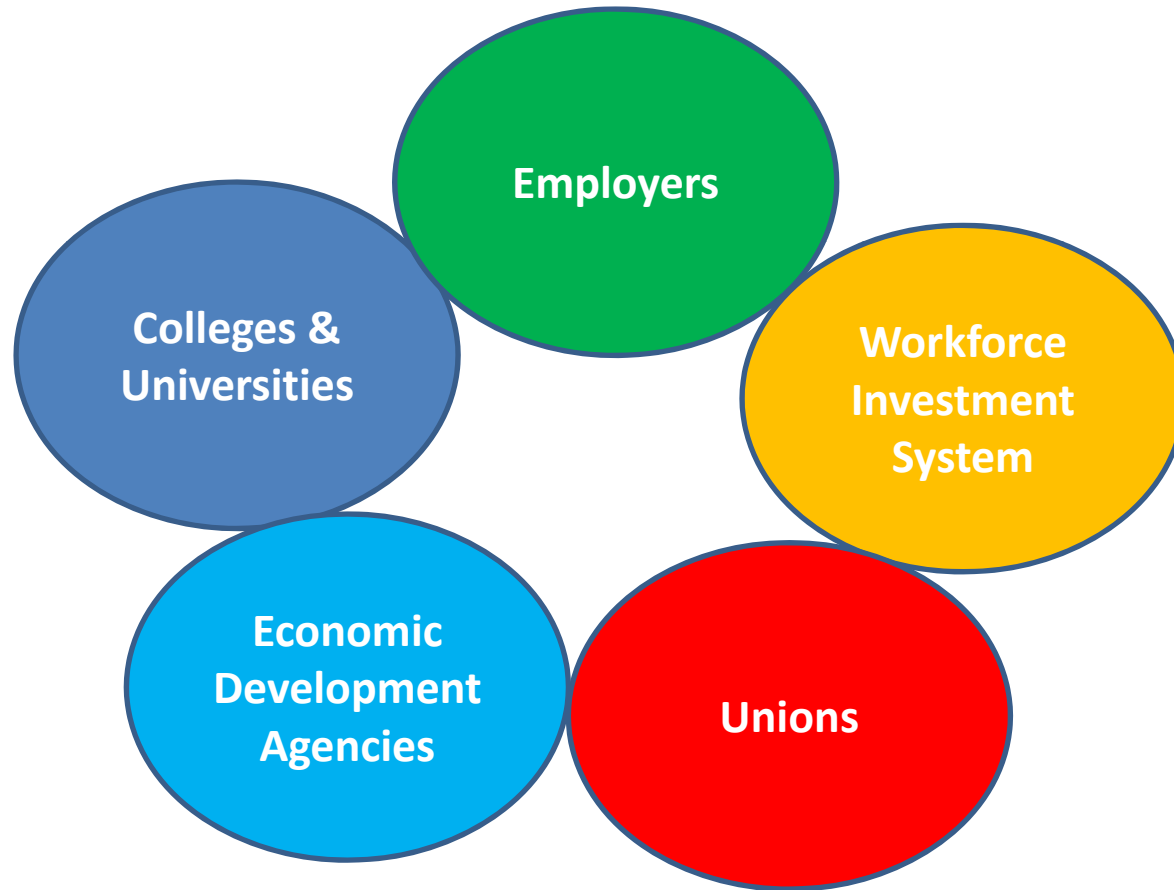
LA AERO Colleges



- Antelope Valley
- Canyons
- Cerritos
- El Camino
- Pierce
- Valley
- West Los Angeles (project lead)



A collaboration for success....





LA AERO Partner Advisory Committee

Meet biannually to collaborate and

- Discuss employment needs
- Discuss outreach strategies
- Review college programming
- Review performance (assessed, trained, placed, retained)



LA AERO's Plan for Customized Training

- Responsive training
- Stackable industry recognized certificates
- Certificates leading to Associates
- Associates > Bachelor degrees
- New hire and incumbent worker training
- Accelerated and innovative formats
- Regionalized approach to training
- LA AERO Centers

LA AERO Center

Recruitment

Skills & needs assessments

Math & English assessment

Career advisement

Academic counseling

Background checks

Enroll into WIA JTA

Enroll in certificate/degree program

Face-to-Face & computer-based Tutoring

Refer across colleges

Self-paced classes/workshops

LA AERO Workforce Needs (Preliminary)

Position	Current Employees	Annual Turnover	New Jobs through 2014	# Companies Responding
A&P	99	5	37	16
Avionics	469	19	48	18
Composites	476	18	140	17
Electrical	483	20	138	28
Fiber Optics	37	2	8	14
Hydraulics	313	6	21	18
Interiors	4	2	8	13
Machinists	888	61	255	44
Mechanics	760	51	671	23
Paint/Coatings	141	5	15	26
Pneumatics	12	0	6	15
Powerplants	0	0	0	12
Sheetmetal	72	5	55	20
Software Code & Debugging	189	3	74	22
System	263	6	22	18
Tire/Wheel/Brake	1	0	0	13
Welder	77	5	19	26
Total Employees	4,284	208/yr	1,517	

Skills Needed for Current Manufacturing Employees

Skills Needed	% of Companies	# of Companies
Quality/Inspection	79.9%	47
Problem solving	78.3%	47
Quality assurance	75.9%	41
Working with tools/technology	71.7%	44
Planning/organizing	70.0%	42
Reading/writing	68.9%	42
Communication/listening	65.6%	40
Basic Computer	63.9%	39
Engineering/technology	62.3%	38



Colleges...

- ✓ Collaborate ... for participant outreach, assessment, and curriculum design
- ✓ Reconfigure existing classes
- ✓ Maximize content and technology investments while minimizing time to completion
- ✓ Develop common curriculum standards & certificates
- ✓ Articulate certificates and degree programs with four year universities
- ✓ Develop an effective data driven analysis process



Universities...

Articulate Associate degree programs with appropriate Bachelor degree programs



Employers...

- ✓ Identify job titles and skills
- ✓ Collaborate.... for participant outreach, assessment, curriculum design, identifying and obtaining training materials/tools, and job placement for qualified applicants where open positions exist
- ✓ Provide workplace mentoring for newly hired trainees
- ✓ As applicable, work closely with unions on job skills identification, training and placement



Unions...

- ✓ Collaborate with management to identify positions for recalled workers
- ✓ Collaborate... to identify position titles and job skills for training
- ✓ Collaborate... to bring new jobs to the region



WIBS and WorkSource Centers...

- ✓ Provide (leverage) essential supportive services that enable participants to stay in training
- ✓ Closely collaborate with community colleges and employers for participant outreach/recruitment, assessment, career mapping, job placement, and employment status monitoring



Economic Development Agencies...

- ✓ Connect LA-AERO with aerospace manufacturers, industry associations, and economic development partners and agencies in Los Angeles County
- ✓ Promote the LA–AERO consortium to expand the number of businesses served and jobs created
- ✓ Actively participate in the LA AERO community advisory meetings



Questions?





Timeline

Grant Submission: April 21, 2011

Grantees Selected: June 30, 2011

Program Start Date: July 1, 2011

Instruction Begins: July - Sept 2011

Program End Date: June 30, 2014



Letter of Support

- Single letter
- Limited to 5 pages
- Identifies roles of each kind of partner
- *Need signatures today!*



Thank you for your time and support!