



ALAMO
COLLEGES



ALAMO AREA ACADEMIES



Aerospace • Information Technology • Advanced Technology & Manufacturing • Health Professions



ALAMO
COLLEGES



Pathway to a Career and High Paying Job!

**AMTEC Conference
February 9, 2011**

Joe Wilson, Lockheed Martin Kelly Aviation Center, Community and Government Relations, Academies Board Member, joe.a.wilson@lmco.com
Gene Bowman, Executive Director, Alamo Area Academies, obowman@alamo.edu, www.alamo.edu/academies

Aerospace • Information Technology • Advanced Technology & Manufacturing • Health Professions



A L A M O
C O L L E G E S



- Alamo Area Academies: Why Created?
- Desired Results
- Alamo Area Academies Cooperative
- How We Function
- How We Are Doing
- Our Industry Participants
- Industry Perspective
- Lockheed Martin Program
- Q&A



A L A M O
C O L L E G E S



Why Created?

- Lack of Pipeline for Growth Industries
- Community Need for High-Paying Jobs
- Transform Economy to One Dominated by Industries Emphasizing
 - High-skills
 - Well-paid employment
- Increase Opportunities for Young People
 - Pathway to rewarding, well-paid professional careers
 - Remain in the community



A L A M O
C O L L E G E S



Desired Results

- Academies Provide Talent Pipeline that Industries Need to Thrive
- Preparing Students for Multiple Options:
 - Higher Education
 - Pathway to Career and High Paying Job
- Through Industry-Driven Dual-Credit Programs
- Preparing Students for Skilled Employment in the Participating Industries
- Graduates are **College Proven and Career Ready!**



A L A M O
C O L L E G E S



Alamo Area Academies Cooperative

- The Alamo Colleges
- Industry Participants
- Independent School Districts, Charter and Private Schools
- Multiple Cities: San Antonio, New Braunfels, Seguin, Floresville, Boerne
- Chamber's of Commerce
- Local Universities
- Many More Participants



A L A M O
C O L L E G E S



How We Function

- High School Juniors and Seniors Region-Wide
- Students Enrolled in Their Home High School
- 2½ Hours at an Academy Each Day, Multiple Sites
- Industry-Driven Curriculum Developing Work Ready Skills
- Dual Credit
 - 27-35 college credit hours
 - No personal cost** to student or parents
- Industry Paid Internships
- Graduate to a Job, Further Education, or Both
 - Proven ability to be successful in a college program
 - Pathway to career, high paying job and beyond



A L A M O
C O L L E G E S



How We Are Doing

- 540 Graduates
 - 96% continued higher education (community college/4-year institution) or
 - Obtained jobs within aerospace/manufacturing industries or joined military
 - Graduates proud of their skills and earning good wages
 - Recent graduating class awarded scholarships over \$505,000
 - Over \$1,026,000 in scholarships awarded total
- Employers Satisfied
 - They prefer someone with proven skills and solid work ethics
 - They are willing to invest in that type of employee



ALAMO
COLLEGES



Over 70 Industry Participants

Lockheed Martin
Boeing
Chromalloy
M-7
433rd Airlift Wing
12th Flying Training Wing
Cessna
Frost Bank
Kinetic Concepts Inc.
San Antonio Aerospace
Danbury Aerospace
TWANG
Pressure Systems Int.
Star Manufacturing
Engine Components

Toyota
ITM
Cox Manufacturing
Chism Co.
AT&T
CMC Steel
Texas Machining
SW Business Corp.
Southwest Research Inst.
Dahill Industries
Christus Santa Rosa
Methodist Healthcare System
Etc.



A L A M O
C O L L E G E S



Industry Perspective

- What I am Looking for in an Employee
- Future Growth and Sustainability Requires Skilled and Educated Workforce
- Why the Nation Needs More Academies

Joseph Wilson: joe.a.wilson@lmco.com

Lockheed Martin Kelly Aviation Center, Community and Government Relations
Board Member, Alamo Area Academies Inc.



A L A M O
C O L L E G E S



Lockheed Martin Apprenticeship Training Program

- ❑ Natural follow-on to Aerospace Academy & for entry-level power plant technicians w/ limited experience
- ❑ Recognized by Dept. of Labor & received registration June 2004
- ❑ 18 month program includes 220 hrs formal academic instruction & 3,000 hrs OJT
- ❑ Highly structured training program & addresses engine MRO activity from disassembly to test cell
- ❑ Over 60 current employees (approx 16% direct hire workforce)

Joseph Wilson: joe.a.wilson@lmco.com

Lockheed Martin Kelly Aviation Center, Community and Government Relations

Board Member, Alamo Area Academies Inc.



ALAMO
COLLEGES



Q&A