



## STAFF REPORT

### TOWN COUNCIL MEETING OF SEPTEMBER 11, 2012

To: Town Council

From: Town Manager

Subject: Proclamation designating October 5, 2012 as Manufacturing Day in the Town of Loomis

Date: August 27, 2012

#### **RECOMMENDATION:**

Consider proclaiming October 5, 2012 as Manufacturing Day in the Town of Loomis to celebrate manufacturers and school programs that prepare our future workforce. Representatives from Sierra College, the Placer County Economic Development Board and Del Oro High School will make a brief presentation.

#### **DISCUSSION:**

To highlight the importance of manufacturing in our nation's economy and draw attention to the many rewarding high-skill jobs available in manufacturing fields, a group of public and private organizations has announced the launch of Manufacturing Day on October 5, 2012. "October 5th is dedicated to celebrating the great work and innovation of the 12 million men and women who make the United States the world's largest manufacturing economy," said Ed Youdell, president and CEO of the Fabricators & Manufacturers Association, International (FMA).

Statewide, manufacturers account for 12 percent of Gross State Product with annual exports exceeding \$125 billion. In Placer County, approximately 270 manufacturers with an annual payroll of \$547 Million employ more than 7,000 residents. These jobs are especially desired given their good pay and benefits. The important economic role of Placer County manufacturers is being recognized by local businesses opening their doors for student tours, and by the Placer County Office of Economic Development's 3<sup>rd</sup> annual Manufacturers Forum.

Coordination for student tours is through the Sierra College Center for Applied Competitive Technologies (CACT) Sierra Science, Technology, Engineering and Math (STEM) Collaborative project. The project seeks to strengthen technical and academic skills of young adults enrolled in manufacturing, engineering and design courses of study. In the Town of Loomis, the

Collaborative has provided significant support to Del Oro High School's Tech Essentials and Ag Welding programs. Sub-grants totaling more than \$80,000 have allowed the high school to update Del Oro's Welding, Tech Essentials and Agricultural labs with new equipment and instructional supplies, send teachers to professional development training, and place teachers in industry externships. Del Oro will soon purchase a Computer Numerically Controlled (CNC) mill so that students can learn engineering, programming and fabrication skills.

The Manufacturers Forum, hosted by the Placer County Economic Development Board, will be held on October 30 from 8 am-11:30 am at the Rocklin Event Center, 2650 Sunset Boulevard, Rocklin. This year, a panel of experts will speak on Workers' Compensation regulations and needed reform, and Lt. Governor Gavin Newsom will deliver the keynote address. More information is available at 530-889-4016.

**CEQA :**

The proposed proclamation is Categorical Exempt.

**FINANCIAL IMPLICATIONS:**

There is no financial impact to the Town

Attachments: Proclamation

Power Point Presentation

# TOWN OF LOOMIS

## PROCLAMATION

### OCTOBER 5, 2012 AS MANUFACTURING DAY

**WHEREAS**, A group of public and private organizations have recognized October 5, 2012 as Manufacturing Day to highlight the importance of the manufacturing in our nation's economy and to draw attention to the many rewarding high-skilled manufacturing jobs; and

**WHEREAS**, The United States is the world's largest manufacturing economy, producing 21 percent of global manufactured products and \$1.7 trillion of value each year, or about 12 percent of U.S. GDP. For every \$1 spent in manufacturing, another \$1.35 is added to the economy; and

**WHEREAS**, Manufacturing supports an estimated 17 million jobs in the U.S., about one in six private sector jobs. Nearly 12 million Americans (or 9 percent of the workforce) are employed directly in manufacturing; and

**WHEREAS**, U.S. manufacturers perform two-thirds of all private sector R&D in the nation, driving more innovation than any other sector; and taken alone, U.S. Manufacturing would be the ninth largest economy in the world.

**WHEREAS**, In California manufacturers account for 12 percent of Gross State Product with annual exports exceeding \$125 billion. In Placer County, approximately 270 manufacturers with an annual payroll of \$547 million employ more than 7,000 residents.

**WHEREAS**, The important economic role of Placer County manufacturers is being recognized by local businesses opening their doors for student tours, and by the Placer County Economic Development Board's Third Annual Manufacturers Forum; and

**WHEREAS**, Coordination for the student tours is lead by Sierra College Center for Applied Competitive Technologies (CACT) Sierra Science, Technology, Engineering and Math (STEM) Collaborative project. The project seeks to strengthen technical and academic skills of young adults enrolled in manufacturing, engineering and design courses of study; and

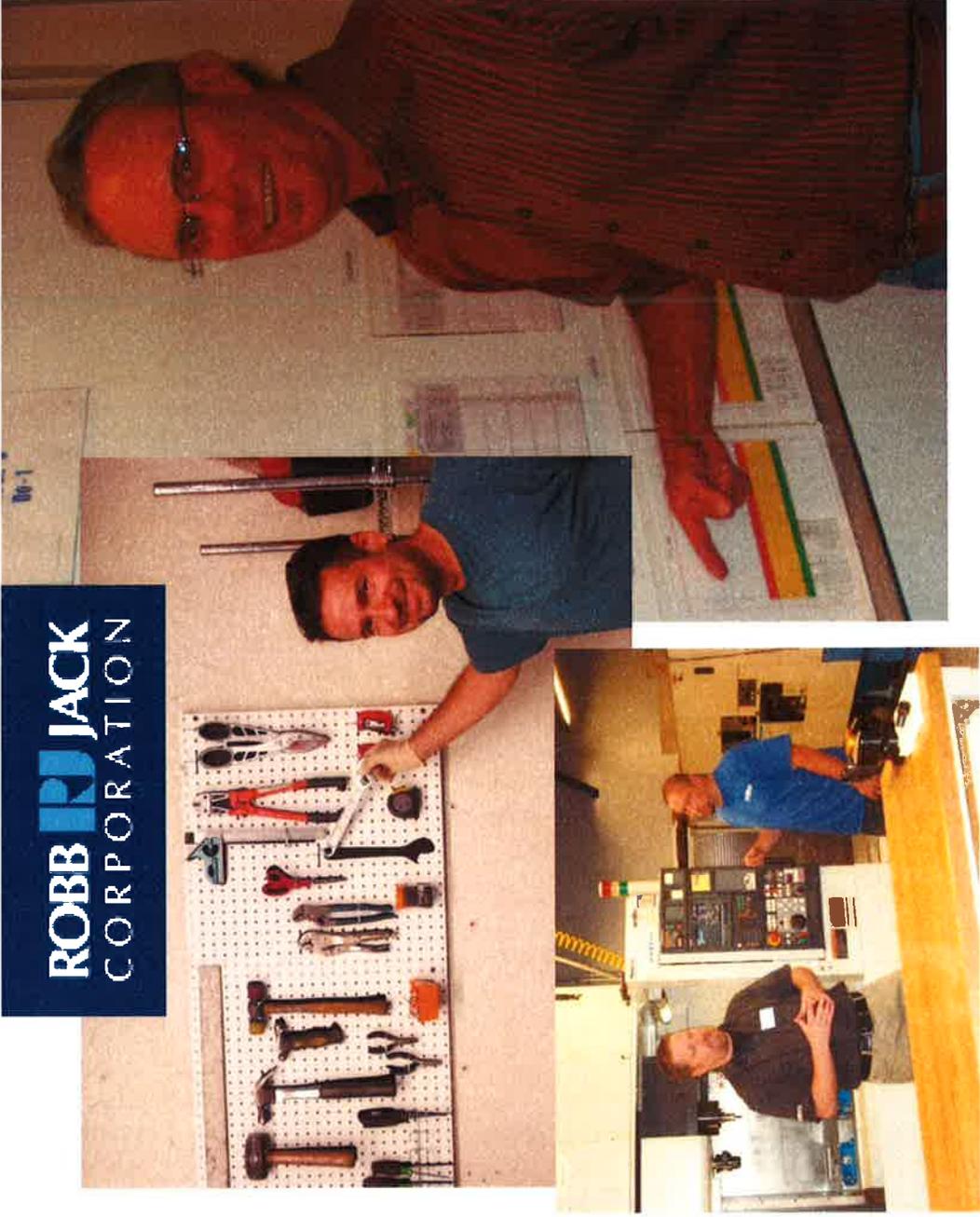
**NOW, THEREFORE, BE IT RESOLVED** that the Town Council of Loomis joins the county-wide effort to proclaim October 5, 2012 as Manufacturing Day to support and celebrate our local manufacturers and school programs that prepare our future workforce.

**PROCLAIMED** by the Town Council of Loomis, California, this 11<sup>th</sup> day of September, 2012

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Sandra Calvert, Mayor

# Dave Baker, President RobbJack Corporation



# Center for Applied Competitive Technologies

- Celebrating 20 years of workforce development
- Manufacturing & Technology focus
- Grant funded
- The Center delivers flexible

learning opportunities that are:

- Responsive
- Business Focused



SIERRA COLLEGE

# Sierra STEM Collaborative: Manufacturing & Product Development, Engineering & Design



- Strengthens career and technical programs at 8 high schools
- Alignment with Sierra College Career & Technical Education programs

# Our goals

- High school students are equipped to succeed at Sierra College
- Sierra College graduates are better prepared for employment in technical careers



SIERRA COLLEGE

# At Sierra College

- Drafting & Engineering Support
- Energy Technology
- Engineering
- Mechatronics
- Welding



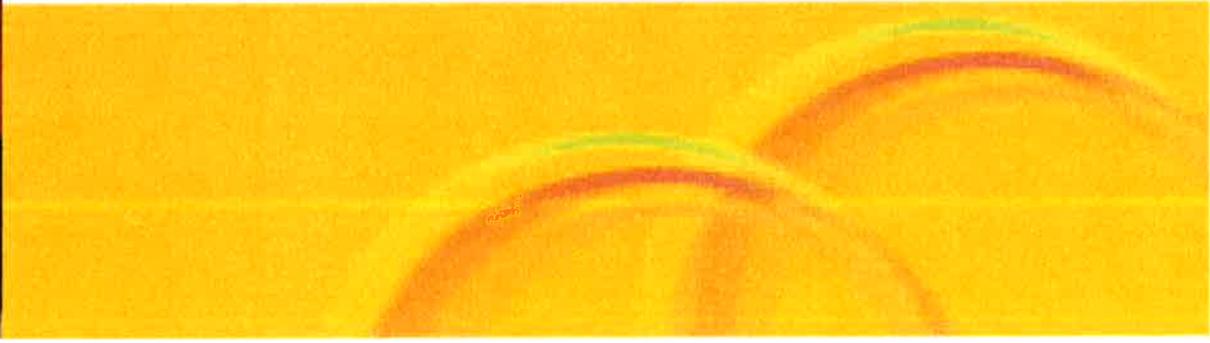
**C A C T**  
Centers for Applied  
Competitive Technologies

**SIERRA COLLEGE**



# These high schools are transforming technical education

- Colfax HS –Tech Essentials & Project Lead The Way
- Placer HS – Mechatronics, Wood & Welding
- Del Oro HS – Tech Essentials & Welding
- Oakmont HS – Design Tech International Baccalaureate
- Roseville HS – Geometry in Construction
- Rocklin HS – Engineering Support Technology
- Lincoln HS –Project Lead The Way
- Nevada Union HS –Engineering Applications



# Preparing Future Employees: Industry Technical Skills

- Faculty Externships
- Faculty Training & Mentoring
- Skills Panels
- Updated Lab Supplies and Equipment
- Integrating math into hands on project-based learning



CACT  
Centers for Applied  
Competitive Technologies

SIERRA COLLEGE



# Outcomes

- 2,400 student visits to Sierra College CTE programs
- 31,000 explorations of career pathways
- 1,955 students participating in strengthened CTE programs of study
- 560 teachers attending professional development
- 400 hours of teacher externships
- 15 new lessons (curriculum) developed

