

# PANEL DISCUSSION

## Public-Private Workforce Development Partnerships



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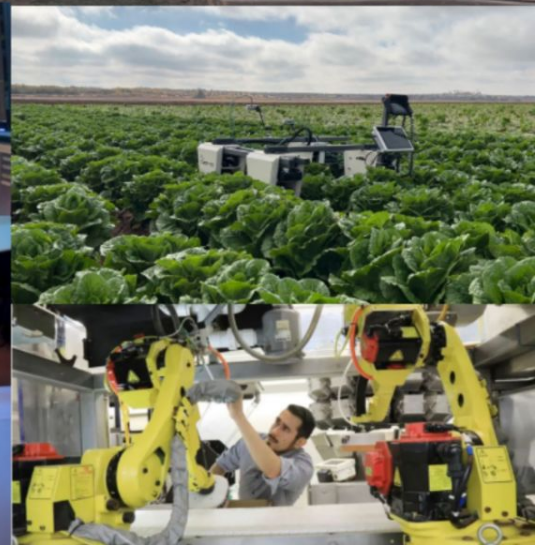
**President Gutierrez**  
Hartnell College



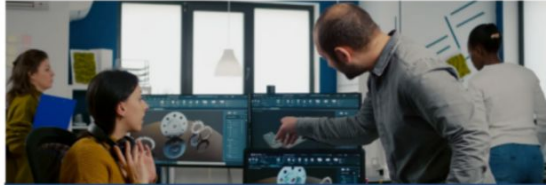
# Monterey Bay Region Advanced Manufacturing Workforce Training Center Feasibility Study

PRESENTED BY

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# Key Findings



## PARTNERSHIP

Develop a collaborative partnership with Monterey Bay Region community colleges and universities to provide distributed workforce training courses based upon their existing and available curriculum.



## CURRICULUM

Develop a specific advanced manufacturing training curriculum working in partnership with Monterey Bay region community colleges and universities, with input from an advisory board of local employers, industry leaders, and community-based organizations that meet their respective workforce needs now and into the future.



## TRAINING CENTER

Plan, Design, and Implement an advanced manufacturing workforce training center that is centrally located and accessible to those in need of training and will be the site to deliver the specific advanced curriculum.

# The Need and Vision for Monterey Bay Advanced Manufacturing Regional Workforce Training Center

- Need for an Advanced Manufacturing Workforce Training Center
- Workforce Training Center Research
- Comparative Analysis of Workforce Training Centers Across the United States



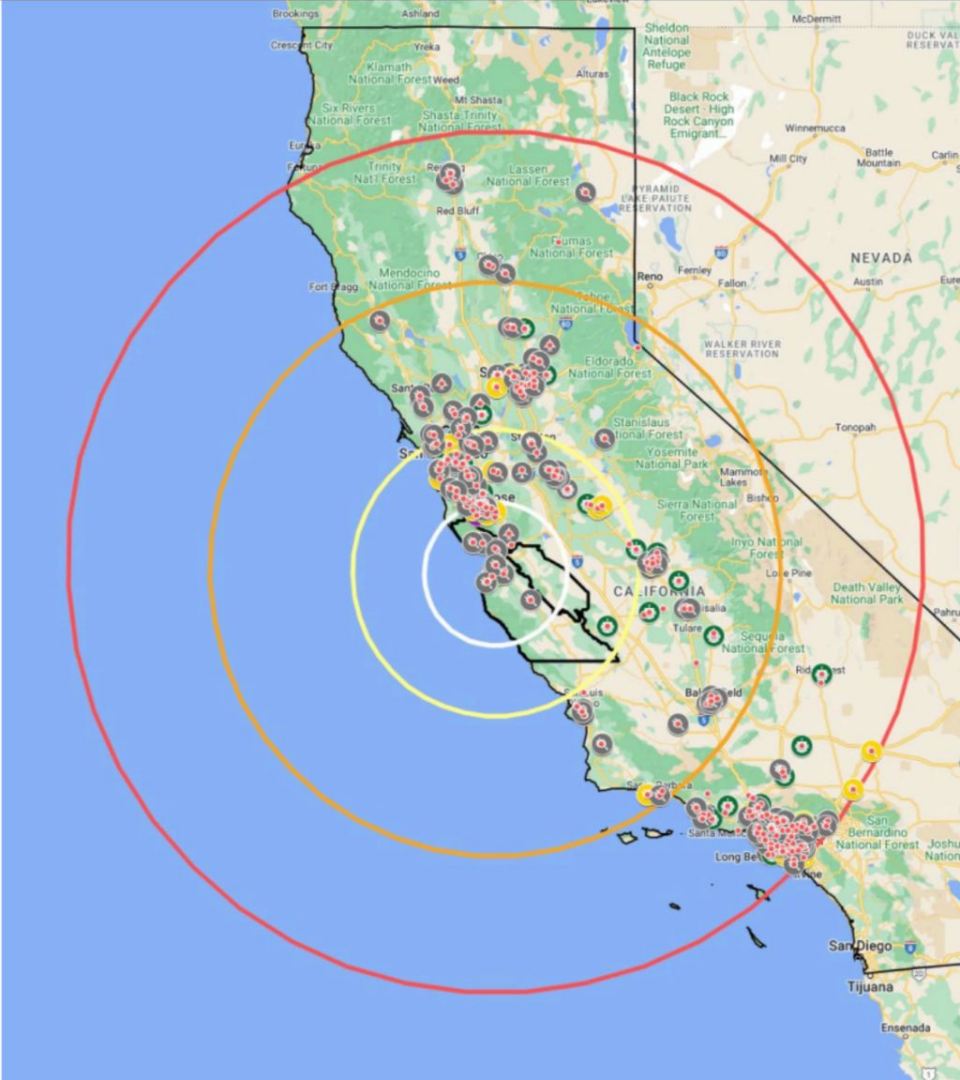
# Targeted Workforce Within The Monterey Bay Region – Demographics, Employment Trends, And Education

- Current Available Workforce
- Potential for Employment Growth Within Targeted Workforce Groups Across the Monterey Bay Region



# Workforce Training Gap Analysis

- Skills Needed for Robotics, Drone, and Electric Vehicle (EV) Related Training
- [Current or Potential Drone, Robotics, and EV Training Or Certification Locations Available Within 0-50, 51-100, 101-200, 201-300, And 301+ Mile Radius Of Mb Dart](#)
- Related Training Currently or Potentially Available Within Monterey, San Benito, and Santa Cruz Counties
- Gaps (To Meet Skills Needs Within Region 100- Mile Radius Of Mb Dart)



# Recommendations For The Creation Of A Monterey Bay Regional Advanced Manufacturing Workforce Training Center

- Scope of Distributed Workforce Training
- Potential Collaborative Distributed Workforce Training Partners
- Single Workforce Training Center (Including Equipment, Classrooms, Lab Space, Workshops, and Instructors)
- Recommendations for the Creation of a Monterey Bay Region Advanced Manufacturing Workforce Development Center



# Concept of Monterey Bay Region Advanced Manufacturing Workforce Training Center

- Primary Concept
- Recommended Structure



Above:  
*Embry Riddle Research Park*

Left:  
*Kern High School CTEC, External  
(above) and Internal (below)*

Above:  
*Motlow State Automation and Robotics*



# Thank You

Please reach out with any questions or comments for more information.



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Access the interactive locations map using the QR code below



# KERN HIGH SCHOOL DISTRICT

Kern High is a 43,000 student high school only district

- 19 comprehensive schools
- 5 alternative education school

Regional Occupational Center (ROC)

- Opened in 1985
- Remodel and expansion completed in 2019

Career Technical Education Center (CTEC)

- Open in 2020



# KERN HIGH REGIONAL OCCUPATIONAL PROGRAMS (ROC/CTEC)

- Primarily serve juniors and seniors
- Three-hour block sessions during morning, afternoon, or evening
- Over 2,500 students enrolled this year
- Waiting list of more than 1,500 students
- 39 different programs for students to choose from
- Programs designed to prepare students for workforce and postsecondary success



# ROADMAP FOR EXPANDING CAREER TRAINING CENTERS

- 4 year process
- Survey students to determine interest
- Examine labor market data
- Collaborate with postsecondary partners
- Visit model schools
- Developed a vision
- Community engagement
- Secure funding
- Include industry partners in the design process
- Put structures in place to support scaling up the operation; e.g., enrollment, hiring, program development, etc.



# PARTNERSHIPS WITH INDUSTRY

- Curriculum guidance
- Work Based Learning
  - Guest speaking
  - Field Trips
  - Job Shadowing
- Community Classroom
  - Unpaid internship program
  - Formal agreement between district and employer
  - District covers liability
  - Individualized training plan for each student
- KEY IS RELATIONSHIPS

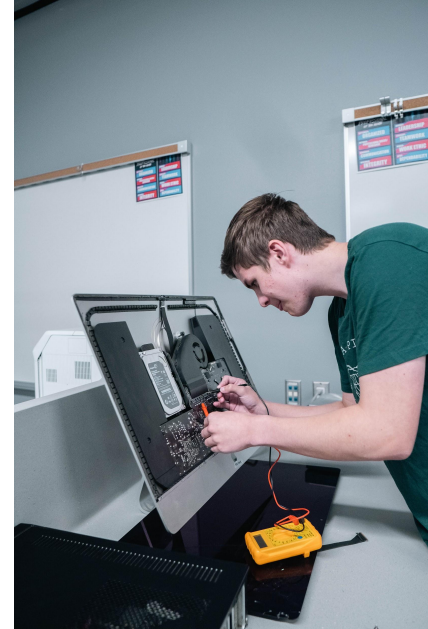
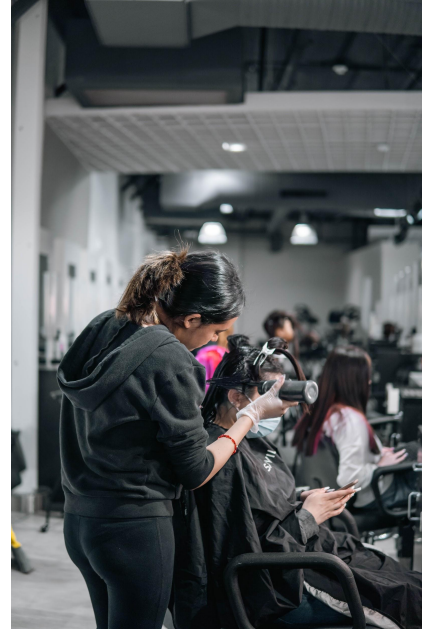


# OUTCOMES

## 2022 ROC/CTEC Seniors

- 97% High school graduation rate
- 65% enrolled in postsecondary education
- 57% employed
- 4% active in military

Working on tool to better follow students throughout the career path



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