



Workforce Development at Central New Mexico Community College

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Expanding Community Workforce and Broadening Participation

- Important Mission of CNM
 - Meet workforce needs of community partners
 - Broaden participation among underrepresented student populations
 - Diversity strengthens the workforce
- Requires Agility
 - Quick response to workforce needs
 - Collaborative workforce partnerships to:
 - Identify necessary skills and competencies
 - Create new programs
 - Adjust current programs
- Leverage both credit (CNM) and non-credit skills training (CNM Ingenuity)



Explosive Technician Certificate

- Request from Explosives Technology Group at Sandia National Labs
- Critical workforce need
- Identified knowledge, skills and competencies required for job
 - Math, chemistry, English through Technical Writing
 - Welding and Machining
 - Specialized Explosive Technology and Safety Course
 - Evaluating non-credit pathway for Welding and Machining
- Plans to expand program to film industry



Engineering Technician Certificate

- Development driven by regional industry need
- DACUM Workshop (Developing A CurriculuM)
 - Engineering Technicians from workforce community
 - Shared what tasks they do daily, weekly, infrequent
 - Shared knowledge and skills critical for their job performance
- Researched Engineering Technician programs nationwide
- Contracted expert consultant who had helped other schools
- Collaborate with workforce partners to align curriculum with skill needs
 - Maxeon Solar Technologies



Electric Vehicle Technology

- Development driven by a critical workforce need
- Workforce timeline is challenging for credit program development
 - College Curriculum Committee and Governing Board approvals
 - Higher Learning Commission approval of certificate
 - 8 courses to develop
- Non-credit upskill of current technicians until credit launched

Industrial Automation Technology (Mechatronics)

- Developed two certificates to support workforce needs
- 1 term and 2 term based upon the target company

