

## Carlsbad Manufacturing Sector Development Program

**FY23 Actual:** \$223,800  
**FY24 Request:** \$253,474  
**\$ Change:** \$29,674

Southeast New Mexico College has utilized monies through the Manufacturing Sector Development Program (MSDP) to provide workforce training opportunities.



Carlsbad and Eddy County are realizing a dire shortage of trained personnel that can move into career and technical education fields and serve our population. To assist in meeting this need, Southeast New Mexico College has used allotted funds to enhance its

program of offerings to both high school and regular college students in the areas of automotive trades, drafting and graphics, electronics, facilities maintenance, manufacturing, industrial maintenance mechanics, welding, and building trades. The students are required to complete Work Keys, an instrument that provides an analysis of the students' aptitude and suitability for various careers. An example of the success of these programs is the building projects accomplished by the Construction Trades Vocational Program which partners with the Carlsbad Development Corporation (a local non-profit) to provide affordable housing for low to moderate income residents and thus improve the community's quality of life. The industrial maintenance program continues to expand its state apprenticeship participation.

### MSDP Accomplishments: Training for the Workforce in NM

- Two certificates and one Associate of Applied Science degree proposed for Oil and Gas Industries;
- Apprenticeship program requirements submitted and approved for the Welding and Industrial Maintenance Technician programs;
- Ten new building trades and welding students were accepted into the state apprenticeship program;
- Welding test site established to assist local welding industries in meeting industry standards;
- Implementation of Southeast New Mexico College as a NCCR-approved welding facility;
- Completion of one house this year which was sold as affordable housing to citizens who could not buy a home by any other means;
- Participation of the welding students in the state Skills USA contest;
- Use of Work Keys to determine career pathways for vocational students;
- Initiation of two new certificate programs in gas compression technology and introduction to the oil and gas industry;
- Increased student participation with seventy-five additional workforce students and an increase of twenty-five students graduating from workforce programs.



### Purpose of MSDP

- The project will provide trained professionals prepared to work in the potash industry.
- The Industrial Maintenance Technician program is the only degree of its kind in New Mexico and the degree was developed in direct collaboration with Intrepid and Mosaic potash.
- Recently, this program completed the application process and was granted apprenticeship certification through the state.
- Also, at risk students both in high school and college will be provided opportunities to learn the essential skills related to demand trades. Trained welders are in extreme demand in southeastern New Mexico and Carlsbad and Eddy County are experiencing housing shortages.
- The MSDP program will include funding requests to increase the number of welding professionals and also to implement a testing facility whereby local welders can complete their welding tests to meet state requirements.
- The building trades program has completed eight houses and they have begun work on the ninth house. The prior seven houses were sold at rates based upon the candidate's affordability.

