



Math, Engineering, Science Achievement: MESA

Revenue & Resources
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Types of MESA Programs

- College Prep: K-12 academic enrichment and college preparation STEM program offered in nine states. The program provides academic tutoring, hands-on engineering competitions, field trips, and STEM career pathways as well as teacher training.
- **Transfer Prep: provides community college students the resources they need to successfully transfer to a four-year institution in a STEM field. Transfer prep students receive leadership training, tutoring, mentoring, academic counseling, dedicated study space and recognition events to inspire success.**
- University Program: retention support for undergraduate students in 4-year engineering programs. Students receive mentoring, academic tutoring, work study, professional and leadership development, career pathways education, a dedicated study space and a community environment to ensure successful degree completion.

About MESA

- Program serves **financially and educationally disadvantaged** students pursue STEM majors
- Primary objective of the program is to **increase transfer** to STEM majors

How are the program objectives achieved?

- Student clustering: students enroll in math, science classes as a cohort
- Academic Excellence Workshop (AEW): students working together in a facilitated environment to master course material
- Counseling: dedicated counseling for students in the program
- Early alert system
- MESA staff works closely with the transfer center
- Student orientation
- Dedicated STEM tutoring services for students in the program
- Outreach to students that would qualify for the program
- Maintain a MESA campus council
- Professional development for staff members in the program

What must Foothill provide to become a MESA campus?

- Full-time MESA program director
- Faculty sponsor/ administrator from STEM will work in collaboration with the director to identify and meet student needs.
- Other staffing: tutors, facilitators, coordinator
- Student center: dedicated multipurpose space with at least 500 sq. ft. per student served (need at least 125 students).
- Designated MESA counselor
- Data management system
- Creation of a MESA campus council with reps that are involved in increasing the success of MESA students – counselors, tutorial services, EOPS, admissions, transfer

What is the ask from R&R?

- Support for STEM division and SLI to apply to become a MESA campus.
- Recommend to the president to allocate resources to meet the MESA program requirements.