



**MESA**®

**Math · Engineering · Science**  
**Achievement**



- **Chancellor's Office sponsored program designed to support STEM students to successfully transfer to 4-year degree programs.**
- **To be eligible for MESA, the students must meet the following requirements.**
- **Be a first-generation college students.**
- **Be from a low-performing high school.**
- **Be Board of Governor's fee-waiver eligible.**
- **Be in a STEM major and planning to transfer to a 4-year program**



1. Administrative Component
2. Student Center
3. Student Clustering
4. Academic Excellence Workshops
5. Academic Counseling
6. MESA Orientation
7. Student Support Services
8. Student Outreach and Recruitment
9. MESA Campus Council
10. Professional Development
11. Student Organizations
12. Local Business and Industry Council
13. Pro-Active Liaisons with MSP/MEP and similar programs



1. Increase the number of economically and educationally disadvantaged students pursuing degrees in mathematics, engineering, science, and technology who are eligible to transfer to a four-year institution.
2. Implement efficient processes and practices and utilize existing college transfer centers to garner greater MESA student transfers to four-year institutions.
3. Implement strategies to increase the rate at which MESA students are deemed transfer ready in science, technology, engineering, and mathematics (STEM) majors.
4. Improve the academic performance of MESA students.
5. Increase the leadership skills and raise the educational expectations of MESA students.
6. Strengthen relationships with educators, prospective employers in business and industry to establish student internships, scholarships and other career opportunities for MESA students.
7. Establish partnerships with MESA Engineering Programs (MEP), MESA Schools Programs (MSP), California Alliance for Minority Participation, or similar programs in an effort to provide optimum student support services.
8. Implement strategies to collaborate with campus programs such as Student Equity and Achievement (SB 860) and Student Success and Support Act (SB 1456) to leverage additional resources and opportunities for MESA students, and to ensure that MESA is integrated into the campus culture and infrastructure.



MESA is perfectly aligned with Hartnell College's goals as laid out in the Strategic Plan for 2019 -2024

Hartnell College has committed to increasing student success; bolstering partnerships with California 4-year institutions; and guiding students toward rewarding careers.

These are strategically aligned with California Community Colleges Chancellor's Office [Vision for Success](#) & [Guided Pathways](#)

More specifically, the focused student success goals are:

1. Completion of Degrees and Certificates
2. Time and Units to Degree Completion
3. Transfer to Four-Year Institutions
4. Student Employment Following Training or Degree/Certificate Completion

**Table 1: Hartnell College MESA Program Enrollments 2012-2020**

Academic Year	Number of MESA Students
2012-13	141
2013-14	170
2014-15	236
2015-16	226
2016-17	257
2017-18	137
2018-19	207
2019-20	254



## Biology majors

Two-year plan includes:

BIO 1      BIO 2      BIO 3  
MAT 25    MAT 13  
CHM 1A    CHM 1B  
PHYS 4A   PHYS 4B

## Engineering majors

Two-year plan includes:

MAT 3A    MAT 3B  
PHYS 4A   PHYS 4B  
CHM 1A  
ENG 1R    ENG 5      ENG 8