

# MESA California Community College Program

The Mathematics, Engineering, Science Achievement (MESA) Program is an academic program that provides a wide range of support services and activities aimed at fostering student achievement and increasing the success and participation they experience while pursuing a degree in mathematics, engineering, computer science, biology, architecture, kinesiology, or other science based programs. MESA enables students to prepare for and graduate from a four-year university with a math-based degree. It also seeks to increase the diverse pool of transfer-ready community college students who are prepared to excel as math, engineering and science majors. Through the program, students develop academic and leadership skills, increase educational performance, and gain confidence in their abilities to compete academically and professionally.

## Benefits of MESA

- Enhance your educational experience while completing the first two years of a bachelor's degree.
- Gain industry knowledge.
- Make friends who have similar academic and career interests.
- Develop a close relationship with faculty members.
- Improve your academic leadership skills.
- Raise your educational expectations.
- Link with student and professional organizations to enhance your personal and professional development.
- Incorporate successful academic study strategies into your educational experience.

For more information please contact us

### Mathematics, Engineering, Science Achievement (MESA) Program

Allan Hancock College  
Building W, Room 21

(805) 922-6966 ext. 3446

Fax (805) 922-9137



The Allan Hancock Joint Community College District is committed to the active promotion of diversity and equal access and opportunities to all staff, students, and applicants, including qualified members of underrepresented/protected groups. The college assures that no person shall be discriminated against because of race, color, ancestry, religion, gender, national origin, age, physical/mental disability, medical condition, status as a Vietnam-era veteran, marital status, or sexual orientation.

Allan Hancock College will provide, upon request, alternate translation of its general information documents in large print, Braille, e-text etc. Please call (805) 922-6966 ext 3788.

ALLAN HANCOCK COLLEGE

# Mathematics, Engineering, Science Achievement (MESA) Program



## Transfer Rate:

Within a five year period, the Allan Hancock College MESA program served approximately 300 students, 82% of whom were from underrepresented ethnic groups. The program has a 36% transfer rate, compared to 25% for the college as a whole, including 50% of its students transferring to Cal Poly, SLO in science, math, and engineering.

## FALL TO SPRING PERSISTENCE RATE:



## What is a “Math-based” degree?

One that requires at least two consecutive classes in the Pre-calculus through Calculus 4 series at Allan Hancock College (Math 141, 181, 182, 183, 184) or Calculus 1 PLUS Engineering Physics OR Chemistry 150 OR Biology 150.

## Examples of “Math-based” degrees

- Agriculture Science
- Architectural Engineering
- Architecture (Cal Poly)
- Biology
- Bio-Chemistry
- Chemistry
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Electrical Engineering
- Environmental Engineering
- Geology
- Industrial Engineering
- Kinesiology
- Mathematics
- Mechanical Engineering
- Pharmacology
- Physics
- Pre-Med



## Services Offered

### Orientation Course

Acquaints you with college/university requirements needed to transfer to four-year institutions; cultivates your study and academic planning skills; introduces you to professional opportunities.

### Academic Excellence Workshops

Facilitates your opportunity to master highly technical expressions, learn how to articulate complex concepts, and develop effective study skills through this peer approach to educational success.

### MESA Student Center

Provides you with a dedicated meeting area for individual and group study that also serves as a communication center for MESA information and activities.

### Scholarship and Internship Opportunities

Assists you with applying and receiving scholarships and internships from businesses, industries, and research organizations.

### Career Development Activities

Offers you field trips to industry sites, presentations by technical professionals on career options, mentorships, and opportunities for part or full-time summer employment and internships.



“The first engineering class I took at Allan Hancock College was really challenging for me, but I thanked the counselor at Allan Hancock College who showed me the way to the MESA program. I was amazed by all the resources offered and especially by all the students taking the same classes.

Study groups with MESA students really made it easier for me to achieve. I am happy to say that I made it this far not only because of my determination to achieve a higher education, but also because of the wonderful people that I met at Allan Hancock College who encourage students to go the extra mile and accomplish their dreams.”

— Jesus Vivar, Computer Science



“Graduating high school with honors and realizing I did not have the monetary means to go off to a university like I had always dreamed about felt like a setback. Being at a community college, for my first semester felt like a detriment to my education. Despite this I began

to reach out to other students and was referred by a student to a program called MESA. MESA has shaped my educational career. MESA has provided me with opportunities I would have otherwise missed on my own, an opportunity to work with other like-minded majors who have since become like family. With this kind of strong foundation I have been able to excel in my science, mathematics, and engineering courses.”

— Janel Case, Biomedical Engineering

