The School of Medical Science & Agriculture

VISION

The School of Medical Science and Agriculture (MESA) at John C. Fremont High School is an elevated educational experience, exposing learners to previously unimagined college and career opportunities.

MISSION

The School of Medical Science and Agriculture (MESA) at John C. Fremont High School provides strong academics, demanding career technical education (CTE), and real-world experience dedicated towards cultivating all learners to be self-directed, think critically, work collaboratively, communicate effectively, and responsible in a dynamic society.

STUDENT LEARNING OUTCOMES

A responsible John C. Fremont Pathfinder is a self-directed learner, a critical thinker, a collaborative worker, and an effective communicator.

MESA’s Path

July 2016
MESA partners with Los Angeles Trade Technical College (LATTC) to offer the Senior Care Technician Certificate Courses at Fremont.

July 2017
The MESA partnership with Los Angeles Trade Technical College (LATTC) continues and the Senior Care Technician Certificate Courses are offered in the 2017-2018 school year during the school day at Fremont.

September 2017
MESA applies for the Career Technical Education Incentive Grant (CTEIG) Round 2 to provide funding for expanding and developing the Health Science and Medical Technology Patient Care CTE pathway.

November 2017
MESA receives the Career Technical Education Incentive Grant (CTEIG) for the 2018-2019 school year.

March 2018
MESA applies to Linked Learning.

April 2018
MESA partners with Southwest Community College to offer the Certified Nurse Assistant (CNA) Courses at Fremont beginning as early as Fall 2018.

June 2018
MESA accepted into Linked Learning.

August 2018
The Patient Care Pathway Medical Terminology, Sports Medicine, and Athletic Training courses offered for 2018-2019.
MESA Industry Sectors

MESA Pathways

PATIENT CARE
The Patient Care pathway apply to occupations and functions involved in the prevention, treatment, and management of illness and the preservation of mental and physical well-being through the services offered by the medial and allied health professionals.

AGRICULTURE SCIENCE
The Ornamental Horticulture pathway prepares students for careers in the nursery, landscaping, and floral industries. Topics include plant identification, plant physiology, soil science, plant reproduction, nursery production and floriculture, as well as landscaping design, installation, and maintenance.

MESA Programs

BARBERING, COSMETOLOGY, MAKEUP & MANICURING
Students who follow the Personal Services pathway develop the essential concepts, knowledge, principles, and skills to be successful in the career opportunities in this industry. Careers or subjects in this field include barbering, cosmetology, makeup artistry, and manicuring, with the emphasis on client consultation, health/safety, service/treatment protocols, product/equipment knowledge, marketing/promotion, management, and business practices.

MARINE CORPS JUNIOR RESERVE OFFICERS TRAINING
The JROTC program will prepare students for leadership roles while making them aware of their rights, responsibilities, and privileges as an American citizen.

The course of instruction is offered during the regular school day; instructed by experienced Marine Corps officers. Cadets get practical experience in organization and leadership development; learn what teamwork is all about; to think quickly, to be sure of yourself, to communicate your ideas, and to become self-reliant; learn military history and the military role in current events; develop an appreciation of our national heritage.

MUSIC
The music program offers students the opportunity to learn to perform, create, and appreciate music.

MESA Partners

LOS ANGELES TRADE-TECH COLLEGE
Los Angeles Trade Tech College will offer concurrent enrollment courses for the Senior Care Technician certificate. “The Senior Care Technician certificate is intended to prepare students for a new role in agencies that provide care to elderly at various levels of independence.”

SOUTHWEST COLLEGE
Southwest College will offer concurrent enrollment courses for the Certified Nurse Assistant certificate beginning as early as fall 2018.

FREMONT WELLNESS CENTER & COMMUNITY CLINIC
To promote the well-being of the underserved by providing high quality healthcare for all, regardless of ability to pay. ummaclinic.org

THE LOS ANGELES NEIGHBORHOOD LAND TRUST
To grow healthier, safer, and stronger communities by creating urban parks and community gardens that remedy the critical lack of green and recreational spaces in greater Los Angeles underserved neighborhoods. lanlt.org