

# STEM & CREATIVE CORE

## at DSST: Montview



The programs at DSST: Montview will prepare students for college and careers focused in STEM, creative fields, and more. DSST: Montview offers students four pathways across STEM & Creative Core electives, and a variety of college credit opportunities.

### STEM CERTIFICATE PATHWAYS

Students who earn 30 credits in a specialty area will receive a DSST STEM Certificate at graduation.



#### BIOSCIENCES

- Biology
- Biotechnology
- Environmental Science
- Environmental Science Elective
- Biotechnology
- Biochemistry
- Psychology
- Neurobiology
- AP Psychology\*\*
- AP Biology\*\*
- AP Statistics\*\*
- Capstone: Biomed
- + *Aligned Internship*



#### INTEGRATED COMPUTER SCIENCE AND ENGINEERING

- Engineering
- Creative Engineering\*
- Advanced Engineering
- AP Computer Science Principles\*\*
- AP Physics C\*\*
- AP Calculus AB\*\*
- AP Calculus BC\*\*
- Capstone: Engineering
- + *Aligned Internship*



DSST: Montview students at Colorado Aerospace Day at the State Capitol

Montview High School students also have the opportunity to take financial literacy and physical education!

### CREATIVE CORE ELECTIVE OPTIONS

Students who focus on a set of creative core electives will be supported in creating a portfolio of work before graduation.



#### PERFORMING ARTS

- Drama\*
- Intro to Film
- Guitar
- Advanced Theater Production
- Capstone: Directing or Advanced Video Production
- + *Aligned Internship*



#### ART: VISUAL ART & MEDIA STUDIES

- Ceramics\*
- Introduction to Digital Arts
- Digital Arts
- Advanced Digital Arts
- Print Journalism
- Digital Journalism
- Advanced Journalism
- Capstone: Art or Journalism
- + *Aligned Internship*



#### SEAL OF BILITERACY

Students at DSST: Montview will be supported to earn the Seal of Biliteracy upon graduation from high school, showing they are proficient in two or more languages.

\* Course offered in Middle School; all other courses offered in High School  
\*\* Course eligible for college credit through College Board's AP testing  
+ High school students will be supported to secure internships aligned to a pathway/creative core focus.

# COLLEGE CREDIT & EXTRACURRICULARS

at DSST: Montview



## COLLEGE CREDIT BEARING OPPORTUNITIES

10th Grade	11th and 12th Grades	
Chemistry- Western State Concurrent Enrollment	AP Biology	AP African American Studies
General Chemistry (Chem 111)	AP US History	AP Calculus A/B and B/C
Chemistry Lab (Chem 112)	AP English Language	AP Statistics
	AP Spanish Language	AP Physics
	AP Spanish Literature	AP Computer Science Principles
	AP US Government and Politics	AP English Language & Composition
	AP US History	AP English Literature
	AP Environmental Science	AP Psychology

## EXTRACURRICULARS

### Afterschool Programs and Clubs

ACE Mentorship Program	Health Club
Healing Hands Collective	Horror Club
Amnesty International	La Alianza (LSA)
Anime/Manga Club	Mock Trial
Anti-Defamation League	Music Club
Art Club	Muslim Student Alliance
Asian Cultural Alliance	Mycology Club
Black Student Alliance	National Honor Society
Chess Club	Orthodox Christian Alliance
Creative Writing Club	Rock the Street: Wall Street
Cubesat Club	SLAM Poetry
Dungeons and Dragons	STEM Blazers: Women in STEM
E-Sports Club	Student Council
Filmmaking Club	USA Biology Olympiad
FIRST Robotics	Vocal Coalition
Gardening Club	Yoga Club
Gender and Sexuality Alliance	



DSST: Montview Brute Force Robotics Club



DSST: Montview Anti-defamation League Club