

OAKLAND MILITARY INSTITUTE COLLEGE PREPARATORY ACADEMY COURSE CATALOG 2024-2025

Dear OMI Cadets and Families,

The faculty and staff at Oakland Military Institute College Preparatory Academy (OMI) believe in the success of each and every cadet. We will do everything we can to support the academic success and personal growth of all our cadets. Our goal is for cadets to graduate “College and Career” ready. You hold the keys that will open the doors to the fulfillment of your individual academic achievements and educational growth.

The introductory pages of the course catalog outline OMI graduation requirements and site enrollment requirements. Also included is information about college entrance requirements. Course offerings are listed by department. It is intended that families review this catalog together making informed decisions about an educational program that will interest and challenge a cadet’s intellect. Cadets should be encouraged to select an academically rigorous program in order to develop their full potential. We hope that cadets will find time in their schedule to become involved in athletics and/or other co-curricular programs, which can be a very enriching part of a well-rounded educational experience.

GRADUATION REQUIREMENTS

Cadets shall receive diplomas of graduation from high school only after completing the prescribed course of study and meeting the standards of proficiency established by the OMI board of directors. The prescribed course of study for cadets shall include (Ed Code 51225.3):

Subject Area		Credits Needed
History / Social Science	World History	10
	US History	10
	American Government	5
	Economics	5
English	English	40
Mathematics	Mathematics	30
Laboratory Science	Biology	10
	Physical Science	10
	3rd Year of Science*	10
Language other than English	World Language	20
Visual and Performing Art	Visual and Performing Art	10
College Preparatory Electives	Military Science / PE Student Leaders / PE	40
	Electives*	20
Total Credits Required:		220

* Third year (10 credits) of science required for the class of 2026 and beyond (reduction of Elective credits)

Additional Requirements:

- Earn 220 units. For each class passed with a grade of “C” or better the cadet will receive 5 units of credits. To meet the minimum college entrance requirements, cadets must pass all classes with a “C” or better.

UC/CSU College Entrance Requirements “a-g”		
“a”	History/Social Science	3 yrs. required
“b”	English	4 yrs. required
“c”	Mathematics	3 yrs. required, 4 recommended
“d”	Laboratory Science	2 yrs. required (in biology, chemistry and/or physics), 3 recommended
“e”	Language other than English	2 yrs. required, 3 years recommended
“f”	Visual and Performing Arts	1 full year of the same class
“g”	College Preparatory Electives	1 year required

Honors Courses: Oakland Military Institute College Preparatory Academy assigns extra grade points as follows for up to four units of certified honors level work: A = 5 points, B = 4 points, C = 3 points, D = 1. Cadets can see their counselor for details.

D and F Grades: D and F grades in CSU/UC “a-g” courses are required to be repeated as **full “a-g” completion is a graduation requirement at OMI.** Cadets must consult with their counselor to determine remediation options.

EARLY COLLEGE PATHWAYS The OMI Advantage Pathway**

The Headstart Pathway introduces cadets to college-level courses, which places them a semester ahead of their peers as college freshmen, earning them high school institutional recognition and increased scholarship opportunities.

CADET SERVICES

Coursework to be completed in the following areas:

- Area One: Natural Science
- Area Two: Social and Behavioral Science
- Area Three: Humanities
- Area Four: English and/or Math
- Area Five: Ethnic Studies

Governor's Baccalaureate Diploma Pathway**

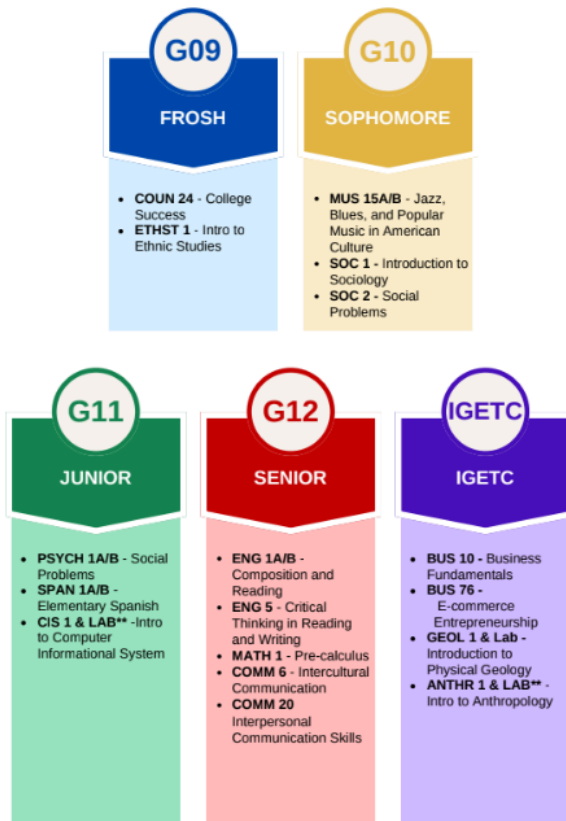
The elite Governor's Baccalaureate Diploma Pathway is offered through OMI's partnership with Peralta Community College. Cadets who participate in this program can earn high school and college-level credits at the same time!

Governor's Baccalaureate Diploma graduates will:

- ★ Earn a more competitive GPA for college admissions
- ★ Graduate high school with two years worth of college credits
- ★ Save thousands of dollars on higher education

See recommended pathway below.

Course Recommendations by Requirement Area



COUNSELORS

Our counseling team is dedicated to cadet success. Our counselors provide comprehensive academic and mental health support, while recognizing the individual needs of cadets within a diverse population. Counselors work with cadets in assessing, planning, and achieving their immediate and long-term goals as well as assisting cadets in developing self knowledge, self-esteem, and self-confidence to enhance cadet learning and success. Cadets are encouraged to visit their school's Cadet Services/Counseling web page for college and career planning.

ENGLISH LEARNER SERVICES

The English Learner Program provides services for cadets who do not speak English as their primary language and whose scores on a language test qualify them for the program. We offer three (3) levels of English Language Development (ELD) and additional instructional support in core academic areas.

REPORT CARDS/ GRADING SYSTEM

Report cards are available to the cadet six times a year at the close of each six-week grading period. Progress reports are given to cadets twice mid-way through the Fall and Spring semesters.

A	=	Superior achievement
B	=	Above average achievement
C	=	Average
D	=	Below average achievement
F	=	Failure to achieve minimum requirement
I	=	Incomplete*
W	=	Withdrawal from course.

* "I" grades will be converted to "F" if the Teacher Initiated Grade Change Form is not completed and submitted to the Registrar within 6 weeks from the end of the grading period.

ADD, DROP, AND WITHDRAWAL POLICY

OMI Course add and/or drop requests must be received by the counseling office no later than the third day of the semester.

Peralta College course drops or withdrawals are not an automatic process. It is the responsibility of the cadet to work with their Counselor to drop the class(es) that they are not attending. Failure to drop may result in the student owing tuition and fees, receiving substandard grades, and losing eligibility for financial aid.

**Coursework can be completed via dual or concurrent enrollment unless otherwise noted with Pathway Coordinator approval.

MID-YEAR GRADUATION REQUIREMENTS

Students who wish to graduate before the completion of eight semesters must request permission for mid-year graduation from their Academic Counselor, the Director of Student Services, and their parents. In addition, they must complete the mid-year graduation process. To be considered for mid-year graduation, a cadet must be within thirty-five (30) credits of the required two hundred twenty (220) credits at the beginning of his/her last semester. Other requirements apply - Please see your counselor for assistance with this process.

CADET HEALTH

Cadet health helps to protect and improve the health of cadets, thus aiding their growth and development and enabling them to benefit fully from school experiences. Record of immunizations as required by California law must be presented at the time of cadet enrollment. In the event of illness, parents/guardians are notified before a cadet is sent home. If an accident or emergency exists and a parent/guardian cannot be reached, local municipal emergency services are contacted. A doctor's permission slip may be requested for a cadet to be readmitted to school. The goal is to develop in each cadet a sense of responsibility for his or her own health and an understanding of the principles upon which good health is based.

ATHLETIC PROGRAM AND ELIGIBILITY

The athletic program provides cadets with opportunities in high school athletics and for participation in

competitive sports. It also encourages good scholastic standing and the completion of high school. To be eligible to participate in the program, a cadet must receive an unweighted 2.0 grade point average on the previous grading period and complete 20 credits. By rule of California Interscholastic Federation (C.I.F.), a player is limited to eight semesters of eligibility and shall not participate in interscholastic activities after he/she has reached his/her 19th birthday prior to June 15. At the present time, many graduates enjoy the benefits of athletic scholarships earned on the basis of their participation in the high school athletic program. In order to participate in the college athletics program, cadets must clear through the NCAA Eligibility center.

The following sports are highly organized, competitive activities for the participant who has a degree of athletic ability. In addition to developing athletic skills, fitness, and health, this program teaches cadet-athletes to value fair play and cooperation, and fosters a positive self-image and sense of self-worth.

Fall Season: Cross Country (co-ed), Boys Soccer, Girls Volleyball.

Winter Season: Boys Basketball, Girls Basketball.

Spring Season: Girls Soccer, Track & Field (co-ed), Boys Volleyball

Courses

- ["a" History/Social Science](#)
- ["b" English](#)
- ["c" Mathematics](#)
- ["d" Laboratory Science](#)

- ["e" Language Other Than English \(LOTE\)](#)
- ["f" Visual and Performing Arts \(VPA\)](#)
- ["g" College Preparatory Electives
Dual Enrollment](#)

**"a" History/Social Science
(3 years required)**

**Social Studies 6
MSD11Y**

Grades: 6
 Duration: Year
 Grad Credit: None
 A-G Credit: None
 Prerequisite: None

This year-long course is a study of ancient world history and geography. Cadets study the development of world civilizations in the Eastern Hemisphere, beginning with Early Humankind and the Neolithic Revolution through the development of the first major civilizations.

**Social Studies 7
MSD12Y**

Grades: 7
 Duration: Year
 Grad Credit: None
 A-G Credit: None
 Prerequisite: None

This year-long course is a study of the social, cultural, technological changes that occurred in Europe, Africa, and Asia in the years A.D. 500-1789. After reviewing the ancient world and the ways in which archaeologists and historians uncover the past, cadets study the history and geography of great civilizations that were developing concurrently throughout the world during medieval and early modern times. They examine the growing economic interaction among civilizations as well as the exchange of ideas, beliefs, technologies, and commodities. They learn about the resulting growth of Enlightenment philosophy and the new examination of the concepts of reason and authority, the natural rights of human beings and the divine right of kings, experimentalism in science, and the dogma of belief. Finally, cadets assess the political forces let loose by the Enlightenment, particularly the rise of democratic ideas, and they learn about the continuing influence of these ideas in the world today.

**Social Studies 8
MSD13Y**

Grades: 8
 Duration: Year
 Grad Credit: None
 A-G Credit: None
 Prerequisite: None

This year-long course is a study of the ideas, issues, and events from the framing of the Constitution up to World War I, with an emphasis on America's role in the war. After reviewing the development of America's democratic institutions founded on the Judeo-Christian heritage and English parliamentary traditions, particularly the shaping of the Constitution, cadets trace the development of American politics, society, culture, and economy and relate them to the emergence of major regional differences. They learn about the challenges facing the new nation, with an emphasis on the causes, course, and consequences of the Civil War. Cadets make connections between the rise of industrialization and contemporary social and economic conditions.

Social Science Sequence--Area A

9th	10th	11th	12th
	World History HSS Electives: "Psych 1A" Introduction to General Psychology	U.S. History HSS Electives: Psych 1A* Introduction to General Psychology	Government/Economics HSS Electives: "Psych 1A" Introduction to General Psychology

World History

JA03YP

Grades: 10
Duration: Year
Grad Credit: World History
A-G Credit: "a" History
Prerequisite: None

Among the topics covered are political thought, democracy, industrialization, imperialism, World War I, totalitarianism, World War II, and the Cold War. Students will develop an understanding of and make considered judgments regarding the historical roots of contemporary world issues, especially as they relate to international relations. Major turning points that shaped the modern world, from the late eighteenth century through the present, are the focus of this year-long course. The course is designed with an emphasis on content, literacy, inquiry, and citizenship.

United States History

KA02YP

Grades: 11
Duration: Year
Grad Credit: US History
A-G Credit: "a" History
Prerequisite: None

In this course cadets examine major developments and turning points in American history from the late nineteenth century to the present. During the year the following themes are emphasized: the expanding role of the federal government; the emergence of a modern corporate economy and the role of organized labor; the role of the federal government and Federal Reserve System in regulating the economy; the impact of technology on American society and culture; changes in racial, ethnic, and gender dynamics in American society; the movements toward equal rights for racial, ethnic, religious, and sexual minorities and women; and the rise of the United States as a major world power. The course is designed with an emphasis on content, literacy, inquiry, and citizenship.

American Government

LA01SP

Grades: 12
Duration: Semester
Grad Credit: Economics
A-G Credit: "a" History
Prerequisite: None

The successful completion of American Government is required for graduation. This course studies American political institutions, political processes and key political documents. It examines the values underlying our governmental system. Included is a study of the conflicts and problems facing the American political system in the modern world. The structure and function of our federal government is of primary concern in this course; however, state and local government is also studied. This course helps the cadet to understand the ways in which human beings govern themselves and helps cultivate habits of democratic citizenship.

Economics

MG03SP

Grades: 12
Duration: Semester
Grad Credit: Economics
A-G Credit: "g" Elective
Prerequisite: None

This one semester course will deepen cadets' understanding of the economic issues and institutions of the nation and world in which we live. Students will first understand common economic terms and concepts and then compare and contrast economic systems with a focus on the market system. Students will then take an in-depth look at microeconomics and macroeconomics. Students will complete the semester concentrating on issues of international trade and will consider what factors, conditions, and policies help developing nations sustain economic growth.

**“b” ENGLISH LANGUAGE ARTS
(4 years required)**

**English 6
MSA11Y**

Grades: 6
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

This course sharpens reading comprehension skills, engages readers in literary analysis, and offers a variety of literature. Through a varied selection of stories, plays, and poems, many of which highlight exemplary virtues, cadets develop skills of close reading and literary analysis.

**English 7
MSA12Y**

Grades: 7
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

This course targets cadets’ growth in the areas of reading, writing, listening, speaking, discussion, reflection, and viewing. Reading strategies, critical thinking skills, and vocabulary building comprise the main elements of reading instructions. Through fiction, nonfiction, and poetry reading, cadets will practice reading strategies and comprehension skills. The focus of writing will be on narrative, informational, argumentative, and research writing. The overall goal of the class is to increase the literacy and writing ability of cadets.

**English 8
MSA13Y**

Grades: 8
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

This course targets cadets’ growth in the areas of reading, writing, listening, speaking, discussion, reflection, and viewing. Reading strategies, critical thinking skills, and vocabulary building comprise the main elements of reading instructions. Through fiction, nonfiction, and poetry reading, cadets will practice reading strategies and

comprehension skills. The focus of writing will be on narrative, informational, argumentative, and research writing. The overall goal of the class is to increase the literacy and writing ability of cadets.

**MS Academic Success
MS03YS**

Grades: 6-8
Duration: Year
Grad Credit: Elective
A-G Credit: None
Prerequisite: Reading level at least two levels below current grade level;
teacher recommendation

This course is a non-college preparatory English class required for all cadets at the intensive intervention level (see Prerequisites) and taken concurrently with a grade level English course. This course uses the READ 180 instructional model, a state-approved comprehensive reading intervention program designed to meet the needs of cadets whose reading achievement is below the proficient level. These struggling readers have deficits in their understanding of the reading process and gaps in their foundational skills. READ 180 addresses these gaps by directly addressing individual needs through instructional software, high-interest literature, and direct instruction in reading skills.

English Sequence--Area B

9th	10th	11th	12th
English 9 or English 9H English Electives: Student Reporting Lab	English 10 or English 10H English Electives: Student Reporting Lab	English 11 or English 11H English Electives: Student Reporting Lab *College English 1A (Fall) *College English 5 (Spring) *College Communications 20 (Fall) *College Communications 6 (Spring)	English 12 or English 12 English Electives: Student Reporting Lab *College English 1A (Fall) *College English 5 (Spring) *College Communications 20 (Fall) *College Communications 6 (Spring)

English 9
AB04YP/C2101A/C2101B

Grades: 9
Duration: Year
Grad Credit: English
A-G Credit: "b" English
Prerequisite: None

This course initiates the cadet into the Freshman/Sophomore English program. It requires regular work in reading a balance of literature and nonfiction texts. This class develops the critical thinking skills necessary to complete that work successfully. Writing instruction concentrates on a variety of writing tasks (both brief and full writes) focusing on the three main writing types (narrative, explanatory/information, and argumentative). Language and vocabulary are taught in the context of the reading and writing tasks. Speaking and listening activities are designed to sharpen the cadets' facility with language and content knowledge in group activities, classroom discussion, oral readings, and formal presentations.

Honors English 9
AB05YH

Grades: 9
Duration: Year
Grad Credit: English
A-G Credit: "b" English
Prerequisite: Recommendation of 8th grade teacher

This class begins a two-year sequence of Honors classes that prepares cadets for Advanced Placement English in the junior and senior year. It emphasizes the development of analytical reading and writing skills, particularly argumentative and informative writing and close analysis of literature and informational texts. Students read extensively from a wide range of literature and informational texts in all the major genres, from Homer to Kingsolver. They write in a variety of modes and learn strategies for becoming independent, reflective writers, with special emphasis on argumentative, information, and narrative writing. Thoughtful class discussions are an essential feature of the class, which also provides numerous opportunities for cadet oral presentations. The class also includes an intensive study of vocabulary and a review of grammar.

English 10
AB06YP/C2102A/C2102B

Grades: 10
Duration: Year

Grad Credit: English
A-G Credit: "b" English
Prerequisite: English 9

This course builds on the content introduced in the Freshman English program. It requires regular work in reading a balance of literature and nonfiction texts. This class develops the critical thinking skills necessary to complete that work successfully. Writing instruction concentrates on a variety of writing tasks (both brief and full writes) focusing on the three main writing types (narrative, explanatory/information, and argumentative). Language and vocabulary are taught in the context of the reading and writing tasks. Speaking and listening activities are designed to sharpen the cadets' facility with language and content knowledge in group activities, classroom discussion, oral readings, and formal presentations.

Honors English 10
AB07YH

Grades: 10
Duration: Year
Grad Credit: English
A-G Credit: "b" English
Prerequisite: Recommendation of 9th grade teacher

This is an accelerated Honors class that focuses on reading major works of European and American literature analytically, and developing advanced interpretive writing skills. It continues the intensive program of analytical reading and writing begun in Honors English 9, and is intended to prepare cadets for eventual success in Advanced Placement English. Students read extensively from works by major writers. The course includes a vigorous writing program that requires cadets to write clearly and thoughtfully in a variety of modes, with special emphasis on interpretive and writing. Class discussions of literature and numerous oral presentations by cadets are key features of the class, which also incorporates an intensive study of vocabulary and a review of grammar.

English 11

AB08YP/C2103A/C2103B

Grades: 11
Duration: Year
Grad Credit: English
A-G Credit: None
Prerequisite: English 10

A year-long, ten credits, non-college preparatory, general course open 11th graders explores the works and themes of texts through novels, short stories and plays. In grade 11 cadets are increasingly sophisticated in their thinking and performances displaying a critical and thoughtful stance toward their coursework and the problems of the day. Their reasoning and debating skills are never better, they welcome the opportunity to engage in meaningful discussions and debates. Expectations are for the volume, pace, and depth of reading and writing to increase to new levels.

Honors English Language and Composition

AB09YH

Grades: 11
Duration: Year
Grad Credit: English
A-G Credit: "b" English
Prerequisite: P/ H English 10

An AP level course in English Language and Composition engages cadets in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make cadets aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way conventions and the resources of language contribute to effectiveness in writing. AP courses must comply with the specific curricular requirements of the College Board advanced placement program.

English 12

AB10YP/C2104A/C2104B

Grades: 12
Duration: Year
Grad Credit: English
A-G Credit: "b" English
Prerequisite: P Composition/ American Literature

This course provides an intensive study of the dynamics and structure of the English language, including the essential skills of composition development, writing style, critical reading, writing and analysis, academic vocabulary, grammatical structure and rules, and academic verbal discussion as outlined and in accordance with the California Common Core Standards. Cadets will critically read and evaluate various forms and types of texts including novels, poetry, informational texts and visual texts.

Honors English Literature and Composition

AB11YH

Grades: 12
Duration: Year
Grad Credit: English
A-G Credit: "b" English, "g" Elective
Prerequisite: P English 11

This honors course is designed to prepare cadets for the English Literature and Composition Advanced Placement Examination or the English Equivalency Examination of the California State University System. By reading and discussing a wide range of world literature, cadets will become familiar with the modes by which writers explore the important questions posed by humans regarding our existence and will understand the relationship between literary form and content.

HS Academic Success

ZX33YS

Grades: 9-10
Duration: Year
Grad Credit: Elective
A-G Credit: None
Prerequisite: Reading level at least two levels below current grade level; teacher recommendation

This course is a non-college preparatory English class required for all cadets at the intensive intervention level (see Prerequisites) and taken concurrently with a grade level English course. This course uses the READ 180, a state-approved comprehensive reading intervention program designed to meet the needs of cadets whose reading achievement is below the proficient level. These struggling readers have deficits in their understanding of the reading process and gaps in their foundational skills. READ 180 addresses these gaps by directly addressing individual needs through instructional software, high-interest literature, and direct instruction in reading skills

ENGLISH LANGUAGE DEVELOPMENT

MS ELD Fundamentals

MSA17Y/9104MF

Grades:	6-8
Duration:	Year
Grad Credit:	None
A-G Credit:	None
Prerequisite:	Proficiency in English is at Beginning and very Early Intermediate level (score of 1 on ELPAC)

The intent of the course is to provide instruction in ELD at just above the cadet's English proficiency level with the aim of having cadet's progress through the ELD levels while acquiring the English language skills in reading, writing, listening, and speaking necessary to function proficiently at their grade level on the CA CCSS for ELA/Literacy standards. The ELD standards follow a research-based progression of second language acquisition from emerging to bridging levels of English. Teachers will use the strategies, skill development, and cognitive rigor of the ELA standards as a tool in teaching the ELD standards at the cadet's level of English proficiency.

MS ELD A

MSA18Y/9104MA

Grades:	6-8
Duration:	Year
Grad Credit:	None
A-G Credit:	None
Prerequisite:	Completion of ELD Fundamentals with a grade of C or better OR demonstration of proficiency in English at the Early Intermediate level (score of 2 on ELPAC)

The intent of the course is to provide instruction in ELD at just above the cadet's English proficiency level with the aim of having cadet's progress through the ELD levels while acquiring the English language skills in reading, writing, listening, and speaking necessary to function proficiently at their grade level on the CA CCSS for ELA/Literacy standards. The ELD standards follow a research-based progression of second language acquisition from emerging to bridging levels of English. Teachers will use the strategies, skill development, and cognitive rigor of the ELA standards as a tool in teaching the ELD standards at the cadet's level of English

MS ELD B

MSA19Y/9104MB

Grades:	6-8
Duration:	Year
Grad Credit:	None
A-G Credit:	None
Prerequisite:	Completion of ELD A with a grade of C or better OR demonstration of proficiency in English at the Intermediate level (score of 3 on ELPAC)

The intent of the course is to provide instruction in ELD at just above the cadet's English proficiency level with the aim of having cadet's progress through the ELD levels while acquiring the English language skills in reading, writing, listening, and speaking necessary to function proficiently at their grade level on the CA CCSS for ELA/Literacy standards. The ELD standards follow a research-based progression of second language acquisition from emerging to bridging levels of English. Teachers will use the strategies, skill development, and cognitive rigor of the ELA standards as a tool in teaching the ELD standards at the cadet's level of English proficiency.

HS ELD Fundamentals

AB03YP

Grades:	9-12
Duration:	Year
Grad Credit:	Elective
A-G Credit:	None
Prerequisite:	Proficiency in English is at Beginning and very Early Intermediate level (score of 1 on ELPAC)

The intent of the course is to provide instruction in ELD at just above the cadet's English proficiency level with the aim of having cadet's progress through the ELD levels while acquiring the English language skills in reading, writing, listening, and speaking necessary to function proficiently at their grade level on the CA CCSS for ELA/Literacy standards. The ELD standards follow a research-based progression of second language acquisition from emerging to bridging levels of English. Teachers will use the strategies, skill development, and cognitive rigor of the ELA standards as a tool in teaching the ELD standards at the cadet's level of English proficiency.

**ELD A
AB01YP**

Grades: 9-12
Duration: Year
Grad Credit: English (1 year only)
A-G Credit: "b" English (1 year of A or B only)
Prerequisite: Completion of ELD Fundamentals with a grade of C or better OR demonstration of proficiency in English at the Early Intermediate level (score of 2 on ELPAC)

The intent of the course is to provide instruction in ELD at just above the cadet's English proficiency level with the aim of having cadet's progress through the ELD levels while acquiring the English language skills in reading, writing, listening, and speaking necessary to function proficiently at their grade level on the CA CCSS for ELA/Literacy standards. The ELD standards follow a research-based progression of second language acquisition from emerging to bridging levels of English. Teachers will use the strategies, skill development, and cognitive rigor of the ELA standards as a tool in teaching the ELD standards at the cadet's level of English proficiency.

**HS ELD B
AB02YP**

Grades: 9-12
Duration: Year
Grad Credit: English (1 year only)
A-G Credit: "b" English (1 year of A or B only)
Prerequisite: Completion of ELD A with a grade of C or better OR demonstration of proficiency in English at the Intermediate level (score of 3 on ELPAC)

The intent of the course is to provide instruction in ELD at just above the cadet's English proficiency level with the aim of having cadet's progress through the ELD levels while acquiring the English language skills in reading, writing, listening, and speaking necessary to function proficiently at their grade level on the CA CCSS for ELA/Literacy standards. The ELD standards follow a research-based progression of second language acquisition from emerging to bridging levels of English. Teachers will use the strategies, skill development, and cognitive rigor of the ELA standards as a tool in teaching the ELD standards at the cadet's level of English proficiency.

**HS ELD B/ELA Literacy
AB12YP**

Grades: 9-12
Duration: Year
Grad Credit: Elective
A-G Credit: None
Prerequisite: Reading level at least two levels below current grade level; teacher recommendation

This course is a non-college preparatory English class required for all cadets at the intensive intervention level (see Prerequisites) and taken concurrently with a grade level English course. This course uses the READ 180 instructional model, a state-approved comprehensive reading intervention program designed to meet the needs of cadets whose reading achievement is below the proficient level. These struggling readers have deficits in their understanding of the reading process and gaps in their foundational skills. READ 180 addresses these gaps by directly addressing individual needs through instructional software, high-interest literature, and direct instruction in reading skills.

“c” MATHEMATICS
(3 years required, 4 years recommended)

Mathematics 6
MSB11Y/1008

Grades: 6
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

Mathematics 6 focuses on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

Mathematics 6 Advanced
MSB12Y

Grades: 6
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: Teacher recommendation

Mathematics 6 focuses on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

Mathematics 7
MSB13Y
7-2424

Grades: 7
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: Completion of Math 6

Mathematics 7 focuses on four critical areas: (1) developing understanding of and applying proportional

relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

Mathematics 7 Advanced
MSB14Y/24247H

Grades: 7
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: C or better in Math 6/Advanced Math 6 and teacher recommendation

Advanced Mathematics 7 is a year-long course that combines Math 7 and Math 8 content in preparation for Algebra I the following year. This course does not partially or fully fulfill any high school graduation requirement for Mathematics.

Mathematics 8
MSB15Y/8-2403

Grades: 8
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: Completion of Math 7

Mathematics 8 focuses on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

MS Algebra I
BC11YP/MSB16Y/24038H

Grades: 7-8
 Duration: Year
 Grad Credit: None
 A-G Credit: None
 Prerequisite: C or better in Math 7/Advanced Math 7 and teacher recommendation or B or better in Advanced Math 6

Advanced Mathematics 8/Algebra I cadets will learn skills, application and theory in order to reason symbolically. The key content involves translating and solving real-life applications and writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns. Quadratic equations are solved by factoring, completing the square, graphically, or by application of the quadratic formula. The course also includes study of translations, monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, absolute value, inductive and deductive reasoning, ratio and proportion, and a wide variety of problem solving situations.

Math Sequence--Area C

9th	10th	11th	12th
Algebra 1 Math Enrichment	Geometry Math Enrichment	Algebra 2	Trig/Pre-Calculus Statistics *College Business Math
Geometry	Algebra 2	Trig/Pre-Calc Statistics *College Trig-Pre-Calc	Calculus Statistics *College Business Math

Algebra I
BC01YP/C2403A/C2403B

Grades: 9-12
 Duration: Year
 Grad Credit: Mathematics
 A-G Credit: "c" Mathematics
 Prerequisite: Completion of Math 8

Algebra I involves translating and solving real-life applications and writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns. Quadratic equations are solved by factoring, completing the square, graphically, or by application of the quadratic formula. The course also includes study of translations, monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, absolute value, inductive and deductive

reasoning, ratio and proportion, and a wide variety of problem solving situations.

Geometry
BC02YP/C2408A/C2408B

Grades: 9-12
 Duration: Year
 Grad Credit: Mathematics
 A-G Credit: "c" Mathematics
 Prerequisite: C or better in Algebra I

Geometry emphasizes the development of the concepts of symmetry, congruence and similarity; emphasizes the integration of algebra and geometry; provides experiences in synthetic and analytical methods of proof including the structure of an axiomatic system, stresses the areas of plane figures, and introduces the concept of space geometry.

Algebra II
BC03YP/C2407A/C2407B

Grades: 9-12
 Duration: Year
 Grad Credit: Mathematics
 A-G Credit: "c" Mathematics
 Prerequisite: C or better in Algebra I

Algebra II course model aligns to the Common Core Math Standards outlined in the CA Math Framework. Cadets begin the course with a study of sequences, which is also an opportunity to revisit linear and exponential functions. Cadets also study polynomial identities and use some key identities to establish the formula for the sum of the first n terms of a geometric sequence. Cadets extend exponent rules to include rational exponents to solve equations involving square and cube roots before developing the idea of complex numbers, in order to solve quadratic equations with non-real solutions. Building on rational exponents, cadets use logarithms to solve for unknown exponents, and are introduced to the number e and its use in modeling continuous growth through logarithmic functions. Cadets also learn to transform these functions graphically and algebraically. Furthermore, cadets work with the unit circle to make sense of trigonometric functions and use those functions to model periodic relationships. Finally, statistical inference focuses on analyzing data from experiments using normal distributions. Cadets learn to account for variability in data and estimate population mean, margin of error, and proportions using sampling and simulations.

Honors Algebra II -course not offered 2024-2025

Course # Here

Grades: 9-12
Duration: Year
Grad Credit: Mathematics
A-G Credit: "c" Mathematics
Prerequisite: C or better in Algebra I or Geometry

Honors Algebra II course is based on the standards set by the State of California. The following topics are included: functions; variation and graphs; linear functions; matrices; systems; quadratic functions; powers; inverses and radicals; exponential and logarithmic functions; trigonometry; polynomials; quadratic relations, arithmetic and geometric sequences and series, binomial theorem.

Statistics

BC04YP/4602/4602A/4602B/4602D

Grades: 10-12
Duration: Year
Grad Credit: Mathematics
A-G Credit: "c" Mathematics
Prerequisite: B or better in Algebra II

Statistics is a year-long course designed to expose cadets to the basics of statistical testing. Cadets will learn how to collect, organize, display and analyze data, and subsequently draw conclusions from it. The elements of probability will also be explored. This course will expose cadets to the four broad themes of introductory statistics: 1. Exploring and organizing data: cadets will observe patterns and departures from patterns. 2. Sampling and experimentation: cadets will conduct studies to produce data by determining what to measure and how the measurements should be made. 3. Anticipating patterns: cadets will use probability to anticipate patterns and simulate random events. 4. Statistical inference: cadets will make estimates about populations and form and test hypotheses. Upon successful completion of this course cadets will know the appropriate method to use in order to collect, organize and analyze data in an unbiased manner in a variety of situations.

Pre-Calculus -course not offered 2024-2025

BC05YP/2410A/2410B

Grades: 10-12
Duration: Year
Grad Credit: Mathematics
A-G Credit: "c" Mathematics
Prerequisite: C or better in Algebra II

This year-long course combines the trigonometric, geometric, and algebraic concepts needed to prepare cadets for the study of Calculus. The main topics in the course are (1) complex numbers, (2) rational functions, (3) trigonometric functions and (4) their inverses, (5) inverse function, (6) vectors and (7) matrices and (8) parametric and (9) polar curves. *A graphing calculator is recommended.*

Honors Pre-Calculus

BC15YH/2410/2410D

Grades: 10-12
Duration: Year
Grad Credit: Mathematics
A-G Credit: "c" Mathematics
Prerequisite: B or better in Algebra II plus teacher recommendation

This course is intended only for those cadets who have completed Mathematics II and III at a high level of accomplishment. This year-long course will be a study of Trigonometry, Algebra and Analytic Geometry, including applications and modeling. It will focus on the theoretical basis for processes and procedures, including proofs, strengthen conceptual understanding, and begin providing the intuitive foundations for calculus. Only grades of "C" or better will be weighted. *A graphing calculator is recommended.*

H Statistics - NOT available in 2024-2025

Course # Here

Grades: 10-12
Duration: Year
Grad Credit: Mathematics
A-G Credit: "c" Mathematics
Prerequisite: B or better in Algebra II

Honors Statistics is a one-year, college-level, non-calculus-based introduction to statistics. Its purpose is to introduce cadets to the major concepts and tools of data collection, analysis and the drawing of conclusions. The emphasis is on thinking and experience with data sets and statistical concepts. It is intended as an optional fourth year of mathematics for cadets who have completed the Math 1, 2, and 3 pathways

Calculus- **NOT available in 2024-2025**

9258/BC06YH

Grades: 9-12
Duration: Year
Grad Credit: Mathematics
A-G Credit: "c" Mathematics
Prerequisite: C or better in Pre-Calculus

Calculus is a one-year course designed for cadets to have the chance to sample college mathematics with the intention of bridging high school and college mathematics. Students who have completed Pre-Calculus should view Calculus as the next logical step in their mathematical development. This course provides cadets an opportunity to learn college-level material in a high school environment over the course of a full school year. The purpose of this course is to cover differential and elementary integral calculus at an introductory level. After acquiring this fundamental understanding of calculus, our cadets will be well prepared for the rigor of college level mathematics.

H Calculus A/B

BC16YH/2480

Grades: 10-12
Duration: Year
Grad Credit: Mathematics
A-G Credit: "c" Mathematics
Prerequisite: C or better in each semester of H Pre-Calculus or B or better in each semester of Pre-Calculus

Honors Calculus is a one-year course designed for cadets that have completed the normal course of mathematics study offered at a four-year high school. The class gives the cadets a chance to learn college-level material in a high school environment. The class offers both the chance to sample college mathematics and the chance to receive college credit by passing the AP exam.

H Calculus B/C- **NOT available in 2024-2025**

2480B

Grades: 10-12
Duration: Year
Grad Credit: Mathematics
A-G Credit: "c" Mathematics
Prerequisite: C or better in AP Calculus AB

Honors Calculus is a one-year course designed for cadets that have completed the normal course of mathematics study offered at a four-year high school. The class gives the cadets a chance to learn college-level material in a

high school environment. The class offers both the chance to sample college mathematics and the chance to receive one year of math college credit by passing the AP Calculus B/C exam.

Algebra I Plus

ZX34YS

Grades: 9-10
Duration: Year
Grad Credit: Elective
A-G Credit: None
Prerequisite: Math level at least two levels below current grade level;
teacher recommendation

This course supports Algebra I skill acquisition and is taken concurrently with Algebra I.

Geometry Plus

ZX35YS

Grades: 10-11
Duration: Year
Grad Credit: Elective
A-G Credit: None
Prerequisite: Math level at least two levels below current grade level;
teacher recommendation

This course supports Geometry skill acquisition and is taken concurrently with Geometry.

Algebra II Plus

ZX36YS

Grades: 11-12
Duration: Year
Grad Credit: Elective
A-G Credit: None
Prerequisite: Math level at least two levels below current grade level;
teacher recommendation

This course supports Algebra II skill acquisition and is taken concurrently with Algebra II.

“d” LABORATORY SCIENCE
(2 years required, 3 recommended)

Science 6
MSC11Y/1010

Grades: 6
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

A one-year course utilizes a blended method of learning. Cadets will learn life science theories in an online and hands-on learning environment. Topics include: Natural systems, climate and weather, climate and life and human impacts on our environment.

Science 7
MSC12Y/2621

Grades: 7
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

A one-year course utilizes a blended method of learning. Cadets will learn life science theories in an online and hands-on learning environment. Topics will be centered around: Changing matter, matter and energy, influencing ecosystems.

Science 8
MSC13Y/2610

Grades: 8
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

A one-year course utilizes a blended method of learning. Cadets will learn physical science theories in an online and hands-on learning environment. Physical science topics will be centered around: Interacting objects, universal forces, evolution in action, and investigating Earth’s biodiversity.

Science Sequence--Area D

9th	10th	11th	12th
Biology	Chemistry Earth Science	Physics Physics H	*College Physical Geography *College Physical Anthropology

Biology
GD01YP/C2603A/C2603B

Grades: 9-12
Duration: Year
Grad Credit: Life Science
A-G Credit: “d” Laboratory Science
Prerequisite: None

A one-year course, which fulfills college entrance laboratory science requirements for the University of California. This course emphasizes the development of scientific thinking through investigation of the natural world. The course is designed around the High School Next Generation Science Standards (NGSS) and Performance Expectations for Life Science, and Earth and Space Science. Students engage in science and engineering practices to build, deepen, and apply their knowledge of core ideas and crosscutting concepts. Crosscutting concepts help cadets explore connections across the four domains of science, including physical science, life science, Earth and space science, and engineering design.

Chemistry
HD02YP/HD07YP/2615/2615-A/2615-B

Grades: 10-12
Duration: Year
Grad Credit: Physical Science
A-G Credit: “d” Laboratory Science
Prerequisite: C or better in Algebra I

A one-year course, which fulfills college entrance laboratory science requirements for the University of California. This course emphasizes the development of scientific thinking through investigation of the natural world. The course is designed around the High School Next Generation Science Standards (NGSS) and Performance Expectations for Physical Science, and Earth and Space Science. Students engage in science and engineering practices to build, deepen, and apply their knowledge of core ideas and crosscutting concepts. Crosscutting concepts help cadets explore connections across the four domains of science, including physical science, life science, Earth and space science, and engineering design.

Earth & Space Science HD06YP

Grades: 9-12
Duration: Year
Grad Credit: Physical Science
A-G Credit: "d" Laboratory Science
Prerequisite: None

Course description needed.

Environmental Science-course not offered 2024-2025

C9323A/C9323B/9323EA/9323EB/9323-E

Grades: 9-12
Duration: Year
Grad Credit: Physical Science
A-G Credit: "g" elective
Prerequisite: None

This two-semester asynchronous online course focuses on Earth's environment, including the Earth's atmosphere, biogeochemical cycles, lifeforms, biomes, genetic makeup, interconnections of the oceans, climate zones, weather patterns, and human modifications to landscape. Of particular interest is the effect humans have had on the planet and its atmosphere, particularly post-Industrial Revolution. Cadets will use scientific texts and articles, graphs, tables, and critical thinking to examine patterns of climate change. Providing rich media in multiple formats for ease of use and to address diverse cadet needs, this course reflects a bias-free and multi-culturally sensitive environment.

Physics-course not offered 2024-2025 HD03YP/2613Y/2613

Grades: 9-12
Duration: Year
Grad Credit: Physical Science
A-G Credit: "d" Laboratory Science
Prerequisite: Biology with a C or better

A one-year course, which fulfills college entrance laboratory science requirements for the University of California. This course emphasizes the development of scientific thinking through investigation of the natural world. The course is designed around the High School Next Generation Science Standards (NGSS) and Performance Expectations for Physical Science, and Earth and Space Science. Students engage in science and engineering practices to build, deepen, and apply their

knowledge of core ideas and crosscutting concepts. Crosscutting concepts help cadets explore connections across the four domains of science, including physical science, life science, Earth and space science, and engineering design.

H Physics HD13YP

Grades: 9-12
Duration: Year
Grad Credit: Physical Science
A-G Credit: "d" Laboratory Science
Prerequisite: Biology with a B or better

A one-year honors level course, which fulfills college entrance laboratory science requirements for the University of California. This course emphasizes the development of advanced scientific thinking through investigation of the natural world. The course is designed around the High School Next Generation Science Standards (NGSS) and Performance Expectations for Physical Science, and Earth and Space Science. Students engage in advanced science and engineering practices to build, deepen, and apply their knowledge of core ideas and crosscutting concepts. Crosscutting concepts help cadets explore connections across the four domains of science, including physical science, life science, Earth and space science, and engineering design.

**“e” LANGUAGES OTHER THAN ENGLISH
(2 years required, 3 years recommended)**

LOTE Sequence--Area E

Spanish 1	Spanish 2	Spanish 3H	*College Spanish 1A/1B
Spanish for Spanish Speakers 1	Spanish for Spanish Speakers 2	*College Spanish 1A/1B	*College Spanish Elective

Spanish 1, 2, 3

NE01YP/2206SC/2206 Level 1

NE02YP Level 2

NE03YP Level 3

Grades: 9-12

Duration: Year

Grad Credit: World Language

A-G Credit: “e” Language other than English
“g” Elective (except for Spanish 1)

Prerequisite: Students must receive a grade of “C” or higher to move to next level

Students will develop their communicative skills by using Spanish daily, with integrated practice in listening, speaking, reading and writing in Spanish. They will use the language to explore Hispanic countries and cultures, and will make comparisons and connections with their own. This course is taught primarily in Spanish, and requires daily preparation and practice.

H Spanish 3

NE08YH

Grades: 9-12

Duration: Year

Grad Credit: World Language

A-G Credit: “e” Language other than English
“g” Elective

Prerequisite: Students must receive a grade of “B” or higher to move to next level

This is an accelerated version of the college prep course. It offers additional enrichment activities, which focus on acquiring language with a cultural context.

Spanish for Heritage Speakers 1, 2, 3

NE04YP/2220 Level 1

NE05YP/2230 Level 2

Grades: 9-12

Duration: Year

Grad Credit: World Language

A-G Credit: “e” Language other than English
“g” Elective

Prerequisite: Oral proficiency in Spanish and cadets must receive a grade of “C” or higher to move to next level

This college prep course is designed for cadets who are proficient in spoken Spanish. It is also an immersion class for cadets who have completed three years of Spanish. The course is designed to enrich reading and writing skills with integrated instruction in history, geography, culture, and literature.

**"f" VISUAL AND PERFORMING ARTS
(1 year required)**

MS Band

MSE11Y/2300M/2307/2308M

Grades: 7-8
 Duration: Year
 Grad Credit: None
 A-G Credit: None
 Prerequisite: None

This band class is the entry-level band for all incoming band students. It is a yearlong course intended for the intermediate instrumental music cadet. The course content involves a remedial review of instrumental music fundamentals with the emphasis on the elements of musical performance: concepts or pitch, rhythm, tone production, harmony, form, texture, dynamics, tempo and timbre. The development of aesthetic perception, creative expression, historical and cultural context, aesthetic valuing and connecting and applying learned performance toward careers in the performing arts are fundamental components of all instruction in the performing arts.

Duration: Year
 Grad Credit: Visual and Performing Art
 A-G Credit: "f" Visual and Performing Arts
 Prerequisite: None

This band class is the entry-level band for all incoming band students. It is a yearlong course intended for the intermediate instrumental music cadet. The course content involves a remedial review of instrumental music fundamentals with the emphasis on the elements of musical performance: concepts or pitch, rhythm, tone production, harmony, form, texture, dynamics, tempo and timbre. The development of aesthetic perception, creative expression, historical and cultural context, aesthetic valuing and connecting and applying learned performance toward careers in the performing arts are fundamental components of all instruction in the performing arts.

Band II -course not offered 2024-2025
 QF03YP

Grades: 9-12
 Duration: Year
 Grad Credit: Visual and Performing Art
 A-G Credit: "f" Visual and Performing Arts
 Prerequisite: Band I

The primary focus of this course is on ensemble and solo instrumental performance. Cadets will hone their technical and musical skills on their instruments ultimately increasing their confidence and ability to express themselves through music. Cadets will take part in performance opportunities and share their artistic development with the community. Cadets will be able to apply their music theory skills to analyze their current repertoire to better understand performance practices and artistic sensitivity of musical genres.

VPA Pathways--Area F

Basic Visual Art	Studio Design (H)		
Band 1 Guitar 1	Band 2 Guitar 1	*College Music Theory	

Basic Visual Art

QF01YP/C2810A/C2810B/2810SC/2810

Grades: 9-12
 Duration: Year
 Grad Credit: Visual and Performing Art
 A-G Credit: "f" Visual and Performing Arts
 Prerequisite: None

This introductory course seeks to guide cadets through the exploration of the foundations of visual arts knowledge and skills, while connecting to other subjects, their lives, and the larger world. Cadets will examine concepts through research, collaboration, and presentation. The course serves as a prerequisite for all advanced visual arts courses in high school.

Band I

QF02YP/2300

Grades: 9-12

Guitar QF04YP

Grades: 10-12
Duration: Year
Grad Credit: Visual and Performing Art
A-G Credit: "f" Visual and Performing Arts
Prerequisite: None

This course cadets will develop and refine skills which will enhance personal expression through guitar performance. The skills we will focus on include general technique, musicianship, ear training, sight reading, music theory, music history and individual and ensemble performance. While the primary focus is on guitar performance, each cadet who completes this course will develop musical skills that will transfer to other instruments and musical goals. Although this serves as an introductory level course, those with more advanced skills will nonetheless benefit from review of basics and additionally have the opportunity to customize their technical and music repertoire. This course will also offer opportunities for cadets to collaborate with other instrumentalists to form ensembles featuring instruments like: vocals, drums, and bass. There will also be opportunities for cadets to study and perform traditional folk music and world music.

Yearbook **course not offered 2024-2025** QF05YP

Grades: 9-12
Duration: Year
Grad Credit: Visual and Performing Art
A-G Credit: "f" Visual and Performing Arts
Prerequisite: None

Cadets work in an office-like atmosphere and are responsible for planning, designing, marketing, and distributing the book, all while meeting publisher's deadlines. Students will use the latest technology while learning about reporting, writing, editing, marketing, photography, design and business. Seniors who have been on staff for two or more consecutive years will be eligible to become the editor-in-chief. Summer get-togethers are held for new and experienced staff members, and meetings are mandatory for those who wish to participate in selecting the design of the book.

"g" COLLEGE PREPARATORY ELECTIVES/MILITARY SCIENCE/PE (20 + 40 = 60)

MS Advisory MSE13Y

Grades: 6-8
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

This one-year course is designed to support cadet academic progress monitoring, organizational skill-building, and social-emotional skill-building.

MS Speech & Debate **course not offered 2024-2025** 2112-M

Grades: 7-8
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

This course will develop and improve public speaking, argumentative, and critical thinking skills in communication settings. Cadets will prepare and deliver speeches and participate in several in-class debates and forums on current topics. Techniques will be taught to control speech anxiety, and structure and organize information to present to a variety of audiences. As such, the fundamentals of physical and vocal delivery skills, use of language and gesturing, as well as listening skills will be learned.

MS Study Skills (IEP Required)

MSE10Y/7-400/8-400

Grades: 7-8
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: Active IEP/504 Plan

This one year course is designed to assist the special education or 504 Plan cadets to progress in his/her general education classes and to prepare for advancing to the next grade level. AVID strategies will be used in this course and cadets will be required to keep a organizer/planner, participate in Socratic Seminar, tutorials, and Cornell note taking. This course is required for all 7th and 8th grade cadets as outlined in their IEP.

MS Technology Wheel

MSE14Y

Grades: 6-6
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

This one year course is designed to expose 6th grade cadets to various technological modalities.

MS Technology Elective

MSE16Y

Grades: 7-8
Duration: Year
Grad Credit: None
A-G Credit: None
Prerequisite: None

This one year course is designed to expose 7th & 8th grade cadets to various technological modalities.

Cadet Assistant -course not offered 2024-2025

ZX12SS/2009TA

Grades: 11-12
Duration: Year
Grad Credit: Elective
A-G Credit: "g" Elective
Prerequisite: On-track for graduation, have good attendance and discipline records.
Tutor should be English-proficient and

meet minimum GPA expectation of 2.0 or higher

Academic Tutor is an elective yearlong course that trains and equips cadets to tutor and support peers in their academic classes. Cadet tutors will develop essential collaborative and interpersonal communication skills. Cadet tutors will assist teachers in providing academic and organizational skills to cadets, which includes, but is not limited to: English, Languages Other Than English, Mathematics, Sciences, Social Sciences, Visual or Performing Arts. Cadet tutors will receive instruction, strategies, and training using the inquiry method that encourages higher level thinking by students. By the end of the course, cadet tutors will be able to build relationships with fellow cadets, support peers in their mastery of curriculum using a variety of strategies, describe how learning occurs and how some people struggle with learning, participate in community of learners and monitor progress towards ideal tutoring, and market their skills as a tutor for further job opportunities.

Cadet Assistant

ZX33SS

Grades: 11-12
Duration: Year
Grad Credit: Elective
A-G Credit: None
Prerequisite: On-track for graduation, have good attendance and discipline records.

Cadet Assistant assigned to the Main Office, the Technology Department, or a Classroom.

Broadcast Journalism: Student Reporting Lab ZG04YP

Grades: 10-12
Duration: Year
Grad Credit: Visual and Performing Art
A-G Credit: "g" Elective
"f" Visual and Performing Arts
Prerequisite: None

This course is designed to give cadets hand-on experience with producing short news broadcasts. Cadets will choose the topics, and as a team, plan the broadcast, interview subjects, choose locations, and sound, video, and make final production edits. This course is offered with the cooperation and affiliation of PBS NewsHour Student Reporting Labs. PBS NewsHour Student Reporting Labs is a project-based learning program that supports teachers and young people to report on important issues in their community, creating impactful video reports for local media outlets and the national PBSNewsHour. The PBS NewsHour Student Reporting Labs program has been shown to significantly increase students' digital media literacy and critical thinking skills.

Physical Education -course not offered 2024-2025 PX01YN

Grades: 9-12
Duration: Year
Grad Credit: PE
A-G Credit: None
Prerequisite: None

This year-long course serves to have cadets develop and design physical fitness plans that will enhance their individual fitness goals. The course will emphasize the physiological, psychological, and social benefits of a healthy, active lifestyle. Cadets will engage in activities that promote lifelong values of a healthy, active lifestyle during and after the school years. Class activities will include court sports, field sports, movement fundamentals, physical fitness activities, and various games. The curriculum is designed to allow cadets to examine the benefits gained from regular exercise and to stimulate the desire to participate in lifetime physical activity. Cadets will progress toward developing characteristics of a physically educated person as defined by the National Association of Sport and Physical Education included in the California Physical Education Framework.

Interscholastic Athletics -course not offered 2024-2025 PX02YN

Grades: 10-12
Duration: Year
Grad Credit: PE
A-G Credit: None
Prerequisite: None

Course description needed.

HS Study Skills (IEP Required) ZG05YP

Grades: 9-12
Duration: Year
Grad Credit: Elective
A-G Credit: None
Prerequisite: Active IEP/504 Plan

This one year course is designed to assist the special education or 504 Plan cadets to progress in his/her general education classes and to prepare for the exit exam. The cadets who need assistance with all or part of the exit exam will be given materials specifically designed for this purpose. AVID strategies will be used in this course and cadets will be required to keep a organizer/planner, participate in Socratic Seminar, tutorials, and Cornell note taking. This course is required for all 9th grade cadets and will be required for 10th grade cadets who do not meet the exit criteria in the 9th grade.

MILITARY SCIENCE

Military Science 6/PE MSF23Y/MSF12Y/6-2505

Grades: 6-6
Duration: Year
Grad Credit: Military Science/PE
A-G Credit: None
Prerequisite: None

This is the first course in the middle school series that incorporates the fundamentals and principles of the California Cadet Corps (CACC) and is organized as a quasi-military system. The CACC provides the framework for applied leadership. Cadets will learn military subjects, broaden understanding of citizenship, build leadership capacity, and develop a wellness practice. This learning will occur through daily lessons, physical fitness programs, wellness activities, and service projects.

Military Science 7/PE
MSF24Y/MSF13Y/7-2505

Grades: 7-7
Duration: Year
Grad Credit: Military Science/PE
A-G Credit: None
Prerequisite: None

This is the second course in the middle school series that incorporates the fundamentals and principles of the California Cadet Corps (CACC) and is organized as a quasi-military system. The CACC provides the framework for applied leadership. Cadets will learn military subjects, broaden understanding of citizenship, build leadership capacity, and develop a wellness practice. This learning will occur through daily lessons, physical fitness programs, wellness activities, and service projects.

Military Science 8/PE
MSF25Y/MSF14Y/8-2505

Grades: 8-8
Duration: Year
Grad Credit: Military Science/PE
A-G Credit: None
Prerequisite: None

This is the third course in the middle school series that incorporates the fundamentals and principles of the California Cadet Corps (CACC) and is organized as a quasi-military system. The CACC provides the framework for applied leadership. Cadets will learn military subjects, broaden understanding of citizenship, build leadership capacity, and develop a wellness practice. This learning will occur through daily lessons, physical fitness programs, wellness activities, and service projects.

MS Student Leaders/PE
MS11Y

Grades: 7-8
Duration: Year
Grad Credit: Military Science/PE
A-G Credit: None
Prerequisite: None

This course is designed to teach leadership skills and governmental structure which ultimately enhances school pride, spirit and culture as well as the cadet's individual knowledge of a working government. The class will focus on standards designed by the California Association of Directors of Activities and Common Core State Standards, including public speaking, written communication, service learning, presentation skills, community service,

government hierarchy, procedures and elections, personal and social development, goal setting, group dynamics, business marketing, finance accounting, advertising, while positively impacting the entire student body.

Military Science 9/PE
OG12YP/OG02YP

Grades: 9-12
Duration: Year
Grad Credit: Military Science/PE
A-G Credit: PE
Prerequisite: None

This course incorporates the fundamentals and principles of the California Cadet Corps (CACC) and is organized as a quasi-military system. The CACC provides the framework for applied leadership. Cadets will learn military subjects, broaden understanding of citizenship, build leadership capacity, and develop a wellness practice. This learning will occur through daily lessons, physical fitness programs, wellness activities, and service projects.

Military Science 10/PE
OG13YP/OG03YP

Grades: 10-12
Duration: Year
Grad Credit: Military Science/PE
A-G Credit: "g" Elective
Prerequisite: None

This is the second course in a series that incorporates the fundamentals and principles of the California Cadet Corps (CACC) and is organized as a quasi-military system. The CACC provides the framework for applied leadership. Cadets will learn military subjects, broaden understanding of citizenship, build leadership capacity, and develop a wellness practice. This learning will occur through daily lessons, physical fitness programs, wellness activities, and service projects.

Military Science 11/PE

OG14YP/OG04YP

Grades: 11-12
Duration: Year
Grad Credit: Military Science/PE
A-G Credit: "g" Elective
Prerequisite: None

This is the third course in a series that incorporates the fundamentals and principles of the California Cadet Corps (CACC) and is organized as a quasi-military system. The CACC provides the framework for applied leadership. Cadets will learn military subjects, broaden understanding of citizenship, build leadership capacity, and develop a wellness practice. This learning will occur through daily lessons, physical fitness programs, wellness activities, and service projects.

Military Science 12/PE

OG15YP/OG05YP

Grades: 12
Duration: Year
Grad Credit: Military Science
A-G Credit: "g" Elective
Prerequisite: None

This is the fourth course in a series that incorporates the fundamentals and principles of the California Cadet Corps (CACC) and is organized as a quasi-military system. The CACC provides the framework for applied leadership. Cadets will learn military subjects, broaden understanding of citizenship, build leadership capacity, and develop a wellness practice. This learning will occur through daily lessons, physical fitness programs, wellness activities, and service projects.

Student Leaders/PE

OG11YP/OG01YP

Grades: 9-12
Duration: Year
Grad Credit: Military Science
A-G Credit: "g" (Elective)
Prerequisite: None

This course is designed to teach leadership skills and governmental structure which ultimately enhances school pride, spirit and culture as well as the cadet's individual knowledge of a working government. The class will focus on standards designed by the California Association of Directors of Activities and Common Core State Standards, including public speaking, written communication, service learning, presentation skills, community service,

government hierarchy, procedures and elections, personal and social development, goal setting, group dynamics, business marketing, finance accounting, advertising, while positively impacting the entire student body.

DUAL ENROLLMENT

Dual Enrollment - Anthr 1: Introduction to Physical Anthropology ZX17SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "B2" transferable
Prerequisite: 2.5+ GPA and C or better in Biology

This in-person synchronous course offered through Laney College analyzes the study of human beings and their ancestors: Emphasis on relationships to other mammals, physical record of evolution, and processes responsible for evolution.

Dual Enrollment- Business 10: Introduction to Business ZX13SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "G" transferable
Prerequisite: 2.5+ GPA

This in-person synchronous course offered through Laney College surveys various phases of business, organization, finance, personnel, production, marketing, managerial controls, and government-based relations.

Dual Enrollment- Business 76: E-Commerce Entrepreneurship ZX23SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "G" transferable
Prerequisite: 2.5+ GPA

This in-person synchronous course offered through Merritt College provides an introduction to principles of international e-commerce and entrepreneurship: Emphasis on developing a business plan for conducting online commerce; market analysis; product access; payment

methods; promotion; and back-end technology requirements for creating an e-commerce site.

Dual Enrollment - CIS 1 & Lab: Introduction to Computer Information Systems & Lab ZX19SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 4 college credits)
A-G Credit: None, UC/CSU "A3" transferable
Prerequisite: 2.5+ GPA

This in-person synchronous course offered through Merritt College analyzes the general nature of computer hardware, software and systems: Hands-on applications include introduction to word processing, spreadsheet, database management and presentation software, and a brief introduction to web browsing and e-mail.

Dual Enrollment - Communications 20: Interpersonal Communications ZX06SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "A1" transferable
Prerequisite/Corequisite: 2.5+ GPA and Student Reporting Lab

This in-person asynchronous course offered through Merritt College analyzes communication needs and improvement of skills: listening, perception, nonverbal communication, semantics, and conflict management.

**Dual Enrollment - Communications 6:
Intercultural Communications
ZX07SS**

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "D" transferable
Prerequisite/Corequisite: 2.5+ GPA and Student Reporting Lab

This in-person asynchronous course offered through Merritt College analyzes the dynamics of intercultural communication as it applies to the diversity of American cultures: Cultural concepts, language style, content, ethnic perspectives perceptions and stereotypes, symbols, and roles as they facilitate or hinder effective verbal and nonverbal communication theories..

**Dual Enrollment - COUN 24: College Success
ZX29SS**

Grades: 9-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU
Prerequisite: 2.5+ GPA

This in-person synchronous course offered through Merritt College analyzes the identification and development of resources that facilitate college success: High-performance learning utilizing information organization and management, critical-thinking and problem-solving skills, effective time management, learning styles and strategies and memory theory, goal setting and educational planning, and campus/community resources.

**Dual Enrollment - English 1A: Composition and Reading -Not offered 2024-2025
ZX15SS/9120X**

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 4 college credits)
A-G Credit: None, UC/CSU "A2" transferable
Prerequisite: 2.5+ GPA and C or better in H English 11
Corequisite: English 12

This in-person synchronous course offered through Merritt College analyzes reading and writing prose: Critical thinking, identifying logical fallacies and reasoning inductively and deductively.

**Dual Enrollment - English 5: Critical Thinking in Reading and Writing -Not offered 2024-2025
9120CT**

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "A3" transferable
Prerequisite: 2.5+ GPA and English 1A

This in-person synchronous course offered through Merritt College analyzes the development of the ability to analyze, criticize, and advocate ideas: Relationship of language to logic, induction, and deduction, facts, inferences, judgments, and formal and informal fallacies of language and thought. Instruction in writing about issues of critical thinking to develop both thinking and writing skills.

**Dual Enrollment - ETHN 1: Ethnic Studies 1
ZX28SS**

Grades: 9-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU
Prerequisite: 2.5+ GPA

Course description needed.

**Dual Enrollment - GEOG 1: Physical Geography
ZX16SS**

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "B1" transferable
Prerequisite: 2.5+ GPA and C or better in Biology

This in-person synchronous course offered through Merritt College analyzes the basic elements of the earth's physical systems and processes: Earth-sun relations, weather, climate, water, plate tectonics, landforms, soils, and ecosystems and their interrelationships and global distribution patterns.

Dual Enrollment - Math 1: Pre-Calculus -Not offered 2024-2025
ZX14SS/2410D

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 4 college credits)
A-G Credit: None, UC/CSU "B4" transferable
Prerequisite: 2.5+ GPA and C or better in Algebra II

This in-person asynchronous course offered through Merritt College is preparation for the calculus sequence or other courses requiring a sound algebraic background: Inequalities, theory of equations, sequences and series, matrices, functions and relations, and logarithmic and exponential functions: function concept used as a unifying notion.

Dual Enrollment - Math 15: Mathematics for Liberal Arts Students
ZX27SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "B4" transferable
Prerequisite: 2.5+ GPA

This in-person asynchronous course offered through Laney College analyzes the fundamental ideas underlying modern mathematics: Elements from logic, sets and number systems: concepts of elementary algebra, geometry, topology, and combinations.

Dual Enrollment - Math 50: Trigonometry -Not offered 2024-2025
ZX22SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "B4" transferable
Prerequisite: 2.5+ GPA

This in-person asynchronous course offered through Merritt College is an introduction to functional trigonometry: Basic definitions, identities, graphs, inverse functions, trigonometric equations and applications, solution of triangles and applications, polar coordinates, complex numbers, and DeMoivre's Theorem.

Dual Enrollment - Math 3A: Calculus 1 -course not offered 2024-2025
Course # Here

Grades: 11-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 5 college credits)
A-G Credit: None, UC/CSU "B1" transferable
Prerequisite: 2.5+ GPA and Math 1 and Math 50

Course description needed.

Dual Enrollment - Statistics - NOT offered in 2024-2025
4602D

Grades: 12
Duration: Semester
Grad Credit: Electives (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "B1" transferable
Prerequisite: 2.5+ GPA and C or better in Algebra II, C or better in Honors Algebra II, C or better in Honors or Prep Pre Calculus

The Merritt College Statistics course offers an alternative fourth course to Pre-calculus. The use of probability techniques, hypothesis testing, and deductive techniques to facilitate decision-making. Topics include descriptive statistics, probability and sampling distributions, statistical inference, correlation and linear regression, analysis of variance, chi-square and t-test, and application of technology for statistical analysis including interpretation of the relevance of the statistical findings. Applications using data from disciplines such as business, social sciences, psychology, life sciences, health science and education.

Dual Enrollment - Music 15A: Jazz, Blues, and Popular Music in the American Culture
ZX04SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "G" transferable
Prerequisite: 2.5+ GPA

This in-person asynchronous course offered through Merritt College analyzes historical and critical components of American music. Focus on environments from which its many forms have emerged and its role in social history; development of blues, folk, jazz, rock, and other popular music forms in the twentieth century.

Dual Enrollment - Music 15B: Jazz, Blues, and Popular Music in the American Culture
ZX05SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "G" transferable
Prerequisite: 2.5+ GPA

This in-person asynchronous course offered through Merritt College analyzes the study of the contemporary music scene with in-depth investigation of trends in artistic expression music as a revolutionary force, the role of the music industry, analysis of performances and interviews.

Dual Enrollment - Journalism 21: News Writing
ZX20SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU transferable
Prerequisite: 2.5+ GPA and Student Reporting Lab
Corequisite: Student Reporting Lab

This in-person synchronous course offered through Merritt College provides an introduction to evaluating, gathering and writing news in accepted journalistic style: Feature and opinion writing emphasizing expository writing, logic, critical thinking, and points of view: role of the reporter, and legal and ethical issues related to newspaper writing.

Dual Enrollment - Psych 1A: Introduction to General Psychology
ZX18SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "D" transferable
Prerequisite: 2.5+ GPA

This in-person synchronous course offered through Merritt College analyzes the scientific principles of psychology: Application of scientific research in understanding learning, human development, biological processes, personality, behavior disorders, social psychology, and adjustment of the human organism.

Dual Enrollment - Psych 6: Social Psychology
ZX32SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU "D" transferable
Prerequisite: 2.5+ GPA

This in-person synchronous course offered through Merritt College analyzes the psychological aspects of human social life involved in the relationship between identity and social structure: Human behavior in the context of the individual as an acting and interacting member of various groups in society.

Dual Enrollment - Sociology 1: Introduction to Sociology
ZX08SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU transferable
Prerequisite: 2.5+ GPA

This in-person synchronous course offered through Merritt College analyzes scientific principles of psychology: Application of scientific research in understanding learning, human development, biological processes, personality, behavior disorders, social psychology, and adjustment of the human organism.

Dual Enrollment - Sociology 2: Social Problems ZX09SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 3 college credits)
A-G Credit: None, UC/CSU transferable
Prerequisite: 2.5+ GPA

This in-person synchronous course offered through Merritt College analyzes the study of society through application of sociological principles and critical thinking skills to the identification and analysis of selected social problems: Poverty, racism, crime, and population control.

Dual Enrollment - Spanish 1A: Elementary Spanish ZX10SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 5 college credits)
A-G Credit: None, UC/CSU "C2" transferable
Prerequisite: 2.5+ GPA and Spanish I or Spanish for Spanish Speakers I
Corequisite: Spanish for Spanish Speakers I

This in-person synchronous course offered through Merritt College is the first course that analyzes the study and practice in understanding, speaking, reading, and writing Spanish: Emphasis on understanding basic grammatical concepts and vocabulary building; reading in Spanish and Spanish-American life and culture.

Dual Enrollment - Spanish 1B: Elementary Spanish ZX11SS

Grades: 10-12
Duration: Semester
Grad Credit: Elective (10 high school credits, 5 college credits)
A-G Credit: None, UC/CSU "C2" transferable
Prerequisite: 2.5+ GPA and Spanish II or Spanish for Spanish Speakers II
Corequisite: Spanish for Spanish Speakers II

This in-person synchronous course offered through Merritt College is the second course that analyzes the study and practice in understanding, speaking, reading, and writing Spanish: Emphasis on understanding basic grammatical

concepts and vocabulary building; reading in Spanish and Spanish-American life and culture.

All courses are open to all cadets regardless of race, color, ancestry, national origin, nationality, ethnicity, ethnic group identification, age, religion, marital or parental status, physical or mental disability, sex, sexual orientation, gender, gender identity, gender expression, or any other legally protected status; the perception of one or more of such characteristics; or association with a person or group with one or more of these actual or perceived characteristics. (BP 5145.3)