



Citizenship Collaboration Critical Thinking Creativity

Our vision at Doherty High School is to become a next-generation high school that requires students to take primary responsibility for their learning, as well as their planning and preparation for life after high school by continuing their education, training or entering the military or work force. Doherty High School will work to personalize learning for each student, encourage student voice and choice, and be more tech-enabled by allowing students to access learning opportunities 24/7. The vision of Doherty High School will also allow for our students to demonstrate their learning in a variety of different ways, not only through classroom grades and standardized testing (PSAT, SAT, AP and CMAS), but also expanding opportunities with the use of project-based learning, portfolios, internships and student presentations.

Why Doherty?

- Pre-AP curriculum in Algebra, Biology, Freshman English, & World History, Sophomore English, Geometry, & Chemistry
- 22 AP courses in 7 different departments, including the AP Capstone program (the most among Colorado Springs high schools)
- 24 courses can earn college credit directly through PPCC, UCCS, UCD, or CSU-P
- AVID Program (Advancement Via Individual Determination)
- Strategic academic support programs: Spartan Center, English & Math tutoring, plus Athletic Study Tables
- Navy JROTC
- Career Pathways in the following areas: Architecture, Automotive, Business, Computer Science, Culinary Arts, Engineering, Marketing, Digital Media, & Teaching
- Performing Arts in Orchestra, Theater, Choir, & Band
- Visual Art program in Ceramics, Drawing, Digital Photography, Jewelry, Painting, & Sculpture
- World Languages: French, German, & Spanish
- 31 clubs/co-curricular activities
- 9 Boettcher Scholarship winners
- 22 CHSAA competitive sports
- 8 Athletic State Champions, 13 State runners-up
- 72 Women's League Champions, 63 Men's League Champions
- 6 Colorado Gatorade Player of the Year awards
- 16 Teachers and staff members are Doherty alumni

Select the links below for more information about Doherty's offerings.

[AP Capstone](#)

[AP and Pre AP Program](#)

[Architecture \(Applied Tech\)](#)

[Automotive \(Applied Tech\)](#)

[Business Marketing](#)

[Engineering \(Applied Tech\)](#)

[English](#)

[Family & Consumer Sciences](#)

[Fine Arts](#)

[Health](#)

[Interventions \(Academic\)](#)

[Mathematics](#)

[Navy JROTC](#)

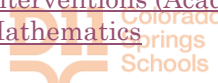
[Physical Education](#)

[Performing Arts](#)

[Science](#)

[Social Studies](#)

[World Languages](#)



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AP CAPSTONE

AP Capstone™ is a diploma program from the College Board. It is based on two full year AP courses: AP Seminar and AP Research. This program is designed to allow students to dive deeply into subjects of interest to them. Throughout the program, students learn and strengthen skills such as research, analysis, evidence-based arguments, collaboration, writing, and public speaking. Students can earn a *certificate* in Seminar or Research OR can earn a *Capstone Diploma* recognized by colleges around the country.

COURSE OFFERINGS

- AP Seminar- Full Year (Grades 10-12)
 - AP Research- Full Year (Grades 11-12) *must complete Seminar
-

BENEFITS

Participating in AP Capstone can help students:

- Students exercise critical thinking and communication skills
- Students effectively work in groups to complete tasks.
- Students learn to research deeply, to recognize and acknowledge bias, and to create a formal argument rooted in fact
- Students present and defend their work to the public.

Please see <https://www.d11.org/Page/11103> for more information on this program!



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Pre-AP and Advanced Placement

The Colorado Department of Education announced that the College Board's revised [SAT](#) and [PSAT](#) exams had been chosen by an independent selection committee to serve as the new college entrance and 10th-grade exams for Colorado students. The SAT exam is an approved, recognized assessment option in the Colorado Commission on Higher Education's Admissions Standards Policy. Doherty High School has chosen to align curriculum to these assessments. The Pre-AP Program offers consistent, high standards in focused courses that help build, strengthen, and reinforce students' content knowledge and skills. Pre-AP courses are designed to improve the college readiness of **all** students. Advanced Placement (AP) is a program in the United States and Canada created by the College Board, which offers college-level curricula and examinations to high school students. American colleges and universities may grant placement and course credit to students who obtain high scores on the examinations. For a high school course to have the designation, the course must be audited by the College Board to ascertain that it satisfies the AP curriculum. If the course is approved, the school may use the AP designation and the course will be publicly listed on the AP Course Ledger.

Pre- AP & Advanced Placement Course Offerings

- Pre-AP Algebra 1
- Pre-AP Biology
- Pre-AP Chemistry
- Pre-AP English 1
- Pre-AP English 2
- Pre-AP Geometry with Statistics
- Pre-AP World History & Geography
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP Computer Science Principles
- AP English Language
- AP English Literature
- AP European History
- AP French
- AP German
- AP Human Geography
- AP Macroeconomics
- AP Microeconomics
- AP Physics 1
- AP Physics: E & M
- AP Physics: Mechanics
- AP Psychology
- AP Environmental Science
- AP Research
- AP Seminar
- AP Spanish
- AP Statistics
- AP Studio Art: 2-D
- AP Studio Art: Drawing
- AP US Government
- AP US History

Highlights - Opportunities - Benefits

College Credit available for some AP courses through UCCS and CSU Pueblo

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Applied Technology: Architecture Pathway**

Architects improve our world through thoughtful building design and development, you can change the world, one building at a time! The Architecture Pathway at Thomas B Doherty High School offers students an opportunity to acquire marketable job skills, occupational knowledge and positive attitudes for entering the world of work and/or entering into postsecondary study in the field of architecture. In order to provide these opportunities a variety of skill training classes are offered. Programs are kept current based on feasibility studies and direct input from advisory boards representing the architecture industry right here in Colorado Springs. Courses teach work place basics necessary to succeed in any occupation or career (such as critical thinking, practical application, teamwork, and problem solving) all while learning industry standard programs such as AutoCAD and REVIT. Students are taught to conduct themselves in a manner expected of an employee by an employer. Students are guided and directed through the process of creating a purpose, focus, and direction for their future. These offerings allow students to develop a belief in the dignity of work, pride of accomplishment, strong work ethic, and a desire to learn. Career and technical education produces students with transferable skills for occupations requiring continuous upgrading. Career and technical education recognizes the need for emphasizing both the academic and occupational components of the educational process and strives to maintain a positive relationship with the core class teachers thus assisting in the development of the whole student. Please see <https://www.d11.org/doherty/engineering> for Pictures, Biography, Courses, Blog & Testimonials

COURSE OFFERINGS IN THE ARCHITECTURE PATHWAY

- Technical Drawing—Sem (9-12) This course is designed to introduce students to the systems and tools that high-tech. industries use to communicate.
- Architectural Drawing 1/2—Full Year (10-12) Architects are on the front lines, helping to combat the housing shortage! The major focus in Architectural Drawing 1, 2 is residential architecture.
- Architectural Drawing 3/4—Full Year (11-12) This course continues with presentation or working drawings and wood-frame construction.
- Civil Engineering & Architecture—Full Year (12) They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D design software.

HIGHLIGHTS - OPPORTUNITIES - BENEFITS

College Credit available for some classes through UCCS & PPCC
Leadership Opportunities Available in Technology Student Association – Student Organization



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Applied Technology: Automotive Pathway**

The Automotive Pathway at Doherty High School offers students an opportunity to acquire marketable job skills, occupational knowledge and positive attitudes for entering the world of work and/or entering into postsecondary study in the field of automotive repair. In order to provide these opportunities a variety of skill training classes are offered. Programs are kept current based on feasibility studies and direct input from advisory boards representing the automotive industry right here in Colorado Springs. Courses teach work place basics necessary to succeed in any occupation or career (such as critical thinking, practical application, teamwork, and problem solving) all while learning industry standard automotive repair practices. Students are taught to conduct themselves in a manner expected of an employee by an employer. Students are guided through the process of creating a purpose, focus, and direction for their future. These offerings allow students to develop a belief in the dignity of work, pride of accomplishment, strong work ethic, and a desire to learn. Career and technical education produces students with transferable skills for occupations requiring continuous upgrading. Career and technical education recognizes the need for emphasizing both the academic and occupational components of the educational process and strives to maintain a positive relationship with the core teachers thus assisting in the development of the whole student.

COURSE OFFERINGS IN THE AUTOMOTIVE PATHWAY

- Automotive Technology 1—Sem (9-12)
 - This course includes introductory level technical instruction pertaining to Tools, Automotive Engines, Electrical Systems and Under hood automobile Systems. In depth OSHA Safety training and safety regulations Level 1. It is primarily designed to provide basic skills and knowledge to the potential vehicle operator.
- Automotive Technology 2—Full Year (10-12)
 - This course includes instruction in theory and repair toward Under Car components and systems of the automobile. In depth OSHA Safety training and safety regulations Level 2 with deeper emphasis on shop management, customer relations, service writing, estimating and service consultant.
- Vocational Automotive—Full Year (11-12)
 - This course is for students who have an intense interest in the automotive industry. It is two years in duration and utilizes competency-based instruction in eight ASE related Training and curriculum systems. Receiving training at the pre-apprentice level and will develop a foundation for entry-level employment or further schooling/training.

**Automotive
Pathway**
Earn College Credits

HIGHLIGHTS - OPPORTUNITIES - BENEFITS

College Credit available for some classes through PPCC
Leadership Opportunities Available through Skills USA – Student Organization

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BUSINESS MARKETING & COMPUTER SCIENCE DEPARTMENT

In an ever-changing global economy, business, industry, financial, media and service segments will demand employees with superlative work place skills, technical expertise, and exemplary academic knowledge. As a Doherty High School business education student, you will be prepared to meet the demands of the future global economy with analytical skills, technical skills, reading and writing skills, computational skills and core knowledge and expertise. As both college and career ready individuals, Doherty business education students have strong communication skills, dedication, diligence and a strong work ethic. Students who explore business education and computer science courses have the ability to lead, collaborate and innovate in areas of programming, APP development, finance, money management, accounting, business law & ethics, risk management, credit, taxes, insurance, communication, leadership, digital citizenship and economic principals impacting a local, national and international economy.

COURSE OFFERINGS AND PATHWAYS

- Computer Applications -Sem (9-12)
- Microsoft Office Specialist - Sem (9-12)
- Accounting - Full Year (10-12)
- Personal Finance - Sem (10-12)
- Introduction to Computer Science - Full Year (9-12)
- AP Computer Science Principles - Full Year (10-12)
- AP Computer Science App (JAVA) - Full Year (9-12)
- Marketing and Advertising - Full Year (10-12)
- Business/Marketing Essentials - Full Year (10-12)
- Entrepreneurship - Full Year (10-12)
- Sports & Entertainment Marketing –Sem (10-12)
- Leadership/Communication – Full Year (10-12)
- Social Impact Business Dev– Full Year (10-

HIGHLIGHTS - OPPORTUNITIES - BENEFITS

College Credit available for some classes through UCCS &PPCC

Advance Placement Testing (AP) available in some classes

Leadership Opportunities Available in Student Organizations DECA and FBLA

Please see <https://www.d11.org/Page/10810> for Pictures, Biography, Courses, Blog & Testimonials



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Applied Technology: Engineering Pathway

Are you ready to design the future? Engineers make a world of difference! The Engineering Pathway at Thomas B Doherty High School offers all students an opportunity to acquire marketable job skills, occupational knowledge and positive attitudes for entering the world of work and/or entering into postsecondary study in the diverse field of engineering. In order to provide these opportunities a variety of skill training classes are offered. Programs are kept current based on feasibility studies and direct input from advisory boards representing the engineering industry right here in Colorado Springs. Courses teach work place basics necessary to succeed in any occupation or career (such as critical thinking, practical application, teamwork, and problem solving) all while learning industry standard programs like Autodesk Inventor. Students are taught to conduct themselves in a manner expected of an employee by an employer. Students are guided and directed through the process of creating a purpose, focus, and direction for their future. These offerings allow students to develop a belief in the dignity of work, pride of accomplishment, strong work ethic, and a desire to learn. Career and technical education produces students with transferable skills for occupations requiring continuous upgrading. Career and technical education recognizes the need for emphasizing both the academic and occupational components of the educational process and strives to maintain a positive relationship with the core class teachers thus assisting in the development of the whole student.

COURSE OFFERINGS IN THE ENGINEERING PATHWAY

- Intro. To Engineering Design—Full Year (9-12) Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems, working individually and in small groups.
- Principles of Engineering—Full Year (10-12) Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and motion.
- Computer Integrated Manufacturing—Full Year (11-12) Students develop their knowledge and skills in product design and manufacturing to produce products using a Computer Numerical Controlled (CNC) mill.
- Civil Engr and Architecture—Full Year (12) Apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D design software.

HIGHLIGHTS - OPPORTUNITIES - BENEFITS

College Credit available for some classes through UCCS & PPCC
Leadership Opportunities Available in Technology Student Association – Student Organization

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ENGLISH DEPARTMENT

As we have more access to new information, we will be challenged to sort out what's relevant, decide how it will impact our lives, and take advantage of the many opportunities to interact with, challenge, and change the world around us. Throughout your journey in the English Department, you will work to deeply understand and connect with multiple genres of text. You will be able to express yourself and your learning through the cyclical process of envisioning, planning, creating, and revising. You will learn to understand the needs of any given audience and be given the skills to stand in front of an audience and deliver a well-prepared, meaningful, and engaging speech. Because technology has a major part of nearly every career path, you will learn to utilize digital tools to experience, analyze, and explore different ways to create new content. Your journey will take you from the beginnings of English literature through American and British literary eras, to being immersed in contemporary works. You will also learn to navigate through many modes of communication, from short stories to drama and from film to art.

The Doherty English Department is aligned to the College Board ELA Standards to ensure every student in an English class will experience a high level of rigor and opportunities to push their learning to the next level. With the College Board standards and curriculum in place, students have access and preparation not only for Advanced Placement courses but also for high performance on the SAT. Doherty graduates will be college and work-force ready with a full array of communication and critical thinking skills that will lead to a habit of success. In order to build a strong foundation for all students, we offer Pre-AP English to all freshmen students with Pre-AP for sophomores coming next school year. Pre-AP is designed to ensure strong alignment and consistency in skills that students will need to be successful across content areas and prepare them for English in the upper grades. Upper-level courses include AP Language and Composition, AP Literature and Composition, and an Honors-level senior course in which students can early dual-enrollment credit.

COURSE OFFERINGS AND PATHWAYS

- English 1/2 – Full Year (Freshman)
- English 3/4 – Full Year (Sophomore)
- English 5/6 – Full Year (Junior)
- English 7/8 – Full Year (Senior)
- English 7/8H – Full Year (Senior Honors)
- Spoken Word Language Arts (Sophomore & up)
- English 1/2H – Full Year (Freshman Honors)
- English 3/4H – Full Year (Sophomore Honors)
- AP Language and Composition (Junior)
- AP Literature and Composition (Senior)
- Yearbook – Full Year (Sophomore & up)

HIGHLIGHTS – OPPORTUNITIES – BENEFITS

College Credit available for some classes through CSU-Pueblo
Opportunities to perform original work and compete
Advance Placement Testing (AP) available in some classes

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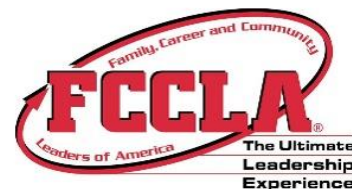
FAMILY & CONSUMER SCIENCES DEPARTMENT

Students today are the future leaders and members of tomorrow's families, workplaces, and communities. Doherty Family and Consumer Sciences students are empowered to manage the challenges of living and working in a diverse global society. Our students develop practical knowledge as they master a complex set of essential skills and knowledge needed to achieve quality of life. Personal effectiveness and industry-relevant technical skills are developed as students pursue career pathways in the areas of Culinary Arts, Education, and Interior Design. All career pathways in the Doherty Family and Consumer Sciences department have career related activities which will prepare our students for the school to career transition. The range of these activities varies from job shadowing, internships, field experiences and demonstrations by industry professionals. In addition to classroom/laboratory instruction, the Family and Consumer Sciences program also includes participation in Family, Career, and Community Leaders of America (FCCLA), a career and technical student organization. FCCLA provides an array of activities to enhance student academic and technical competencies and develop leadership and communication skills.

COURSE OFFERINGS

- Culinary Arts – Full Year (9-12)
- Catering – Full Year (10-12)
- ProStart 1 – Full Year (11-12)
- ProStart 2 – Full Year (11-12)
- Life Management – Semester (10-12)
- Child & Adolescent Development – Semester (10-12)
- Social Dynamics (Relationships) – Semester (10-12)
- Teacher Cadet – Full Year (11-12)
- Teacher Cadet 2 Internship – Full Year (12)
- Interior Design – Full Year (10-12)

College Credit available for some classes through UCCS, CSU Pueblo, Metro State University & PPCC



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FINE ARTS

“People have been using art to record events, express thoughts, ideas, and beliefs, since the very beginning. Art has been intertwined with our existence from Paleolithic cave drawings in Lascaux, France to the early tools and pottery of native peoples, to the pyramids in Egypt, and later to the rise of fine arts in the Western world. It’s how humans have communicated, celebrated, recorded and described our lives since the dawn of time. Elliot Eisner states “The arts help children learn to say what cannot be said” in his list of [*10 Lessons the Arts Teach*](#)”. Art is a language and form of communication that humans have used throughout history. In addition, the fact that humans have instinctively used art as a form of communication and creative expression speaks volumes about its importance in the world. Furthermore, it is no coincidence that our greatest innovators and scientists were gifted in the arts. Cultivating creativity in today’s public schools ensures the next generation will have the skills needed to solve the problems and think up creative innovations in the 21st Century. Therefore, it only makes sense that we include art education in public schools.”

---Hilary Frambes

COURSE OFFERINGS

- Intro to Visual Art (prerequisite for upper level classes)
- Ceramics 1, 2, 3
- Digital Art
- Digital Photography 1, 2
- Drawing 1, 2, 3
- Jewelry Making
- Painting 1, 2, 3
- Advanced Placement Studio Art 11-12

HIGHLIGHTS - OPPORTUNITIES - BENEFITS

All classes are one semester, except for Advanced Placement that is one/two school years. Students have the option to compete in several juried and open art shows during the year.

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Guests from various post-graduation schools and programs visit.
Careers in Art are explored in all classes.

HEALTH EDUCATION

This course will influence attitudes toward health, which will promote respect for the human mind and body including factors which foster optimum healthful living. Good health shall be defined as mental, social and physical well-being, and not merely the absence of disease and sickness. Emphasis will be placed on developing self-esteem and positive intra-personal relationships. Students will also learn the benefits of Fitness and Nutrition. The students will be encouraged to explore the emerging health information and develop the ability to weigh the validity of such information for application to their existing health status.

COURSE OFFERINGS

- ONE SEMESTER CLASS (10-12th Grades)
- Mental/ Emotional Health - Suicide Prevention & Awareness
- Human Sexuality/ Reproduction
- Fitness and Nutrition
- Alcohol, Drugs, and Tobacco

HIGHLIGHTS - OPPORTUNITIES - BENEFITS

- Students will have ONLINE access to the textbook for extra study and review topics
- Easier to make up missed classwork and projects



Academic Interventions

We believe that all students can succeed with the proper support at the high school level. Throughout all high school years, all 9th-12 grade students receive options for credit recovery, English language acquisition support, Special Education services, and after school and Saturday School tutoring.

Doherty High School offers freshman an extra layer of academic enhancement that encompasses both skill development, assignment completion, and work-habit mentoring. We emphasize a team-approach, including the student, family, classroom teachers, trained peer tutors, Math and Writing Center Directors and Study Skills Coaches. Our emphasis lies in teaching students to become their first and best self-advocate for their own success.

Academic Support Opportunities

- After School Tutoring
- Saturday School
- Spartan Center
- Writing Center
- Math Center
- Grad Point
- ESL
- Special Education
- Read 180/System 44

Click [here](#) for more information about the individual academic support opportunities.



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MATHEMATICS DEPARTMENT

Doherty mathematical courses conform to the latest recommendation of the Colorado Academic Standards, which require a synergy between mathematical content and mathematical practices. The primary goals of the Mathematics Program is to learn, communicate, and reason mathematically, thereby enabling students to become confident mathematical problem solvers.

The courses follow the approach of making mathematics relevant by using math skills in a problem-solving environment. All students' mathematical learning will embody the concepts that engagement in mathematics is essential, and that decision-making, risk-taking, cooperative work, perseverance, self-assessment, and self-confidence are frequently keys to success.

COURSE OFFERINGS AND PATHWAYS

- Algebra 1A, 1B – Full Year (9)
- Pre-AP Honors Algebra 1, 2-Full Year (9)
- Pre-AP Geometry-Full Year (9-10)
- Pre-AP Algebra 1, 2-Full Year (9-10)
- Honors Algebra 3, 4-Full Year (9-11)
- Algebra 2A, 2B-Full Year (10-11)
- Pre-Calculus-Full Year (10-12)
- Pre-AP Geometry-Full Year (10-11)
- Functions/Stats/Trig-Full Year (11-12)
- Math Analysis/Trig-Full Year (11-12)
- Statistics-Full Year (12)
- AP Statistics-Full Year (11-12)
- Integrated Algebra/Geometry-Full Year (10-11)
- AP Calculus AB-Full Year (11-12)
- Algebra 3, 4-Full Year (11-12)
- AP Calculus III-Full Year (12)
- Consumer Math-Full year (12)

HIGHLIGHTS-OPPORTUNITIES-BENEFITS

College Credit available for some classes through UCCS
Advanced Placement Testing (AP) available in some classes
Mathematics competitions available through the Mathletes Club

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Navy Junior Reserve Officer Training Corps (JROTC)

Want advanced military promotion or an appointment to a Service academy? Doherty High School has a unique program that can significantly enhance your future high schoolers' experience and post high school career opportunities: The Navy Junior Reserve Officer Training Corps (Navy JROTC). The Navy JROTC's accredited curriculum emphasizes discipline, citizenship and leadership development, as well as our maritime heritage, the significance of sea power, and naval topics such as the fundamentals of naval operations, seamanship, navigation and meteorology. Classroom instruction is augmented throughout the year by extra-curricular activities of community service, academic, athletic armed drill competitions, field meets, visits to colleges or other activities, marksmanship, and physical fitness training.

- If you want more discipline, better grades, better attendance from your child and overall leadership opportunities, Navy JROTC is right for you.
- If going to a service academy like the Naval Academy, Air Force Academy or West Point is in your child's future, then taking Navy JROTC is a stepping stone to achieving this goal. Doherty Navy JROTC has 3 nominations to the Naval Academy every year.
- Receiving a college ROTC scholarship is significantly enhanced by taking JROTC in high school. It doesn't matter which service is chosen when applying for a ROTC scholarship, taking Navy JROTC will raise your odds.
- Upon graduation from boot camp, they will be eligible for advanced promotion up to E3. Normal entry into the military is at the E1 level. This is almost a \$400 dollar pay raise, just for taking JROTC in high school. **THERE IS STILL PLENTY OF TIME TO JOIN DOHERTY NAVY JROTC.**
- We provide all uniforms, dress shoes, and physical training T-shirts **FREE** of charge.
- We also have a competition drill team that competes against other JROTC units.



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PHYSICAL EDUCATION

The graduation requirement for Physical Education is **three** semester credits, inclusive to grades 9-12. The sequential program is based on the assumption that one semester will be attained at the ninth grade level.

COURSE OFFERINGS AND PATHWAYS

- Physical Education 9 (9-12)
- Physical Education 10 (10-12)
- Zero Hour Bowling (10-12)
- Lifeguarding (10-12)
- Weight Training for Athletic Performance (10-12)
- Rocky Mountain High (11-12)
- Introduction to Athletic Weights (Must have varsity coach prior approval)

HIGHLIGHTS - OPPORTUNITIES - BENEFITS

- Brand New Facilities Spring 2020: Main Gymnasium, Weight Rooms, Wrestling Room, Indoor Climbing Wall and High Climbing Elements
- Learn the benefits of physical activity
- Be a lifelong learner of exercise
- Access to swimming pool with THREE certified WSI instructors
- Build your self-confidence and self-esteem

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PERFORMING ARTS DEPARTMENT

Students at Doherty High School are immersed in a curriculum that prepares them for meaningful lives in instrumental music, vocal music, and theatre. Students throughout Doherty, regardless of classes, are invited to participate in stage productions, live music ensembles, and a wide range of courses exploring the vitality of the performing arts.

COURSE OFFERINGS AND PATHWAYS

- Concert Band – Full Year (9-12)
- Symphonic Band – Auditioned - Full Year (9-12)
- Wind Symphony – Auditioned – Full Year (9-12)
- Percussion Ensemble – Full Year (9-12)
- Marching Band – Fall sem. (9-12)
- Jazz Band – Auditioned – Full Year (9-12)
- Concert Choir – Full Year – (9-12)
- Men’s Choir – Full Year – Auditioned (9-12)
- Eclectic (Adv. Women’s) – Aud. – Full Year (9-12)
- Odyssey – Auditioned – Full Year (9-12)
- Momentum (Show Choir) – Aud. – Full Year (9-12)
- Symphonic Orchestra Full Year – (9-12)
- Chamber Orchestra – Aud. – Full Year (9-12)
- Intro to Theatre 1/2 - Full Year – (9-12)
- Acting Techniques 1/2 – Full Year – (10-12)
- Acting Techniques 3/4 – Full Year (11-12)
- Theatre Workshop – Full Year – (9-12)
- Stage Craft – Aud. – Full Year – (10-12)

HIGHLIGHTS - OPPORTUNITIES

- Geared Individualized Instruction
- Well-Rounded Education
- Conferences/Conventions
- Local/State Honor Groups
- Competitive Performances
- Local Trips
- State/National Trips
- International Trips

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Science Department

The Science Department at Doherty High School is dedicated to providing learning opportunities that are designed to allow students to develop scientific literacy and problem-solving skills through the process of inquiry. Emphasis is placed on the process of science so that students can discover, interpret, and apply scientific knowledge. Hands-on experiences during laboratory investigations provide opportunities to observe, formulate and test hypotheses, and develop scientific reasoning and inquiry skills as a way to understand and solve problems.

Students use technology and work cooperatively to develop attitudes and interests towards the goal of becoming lifelong learners in a global environment and productive members of society. Doherty's Science Department offers a wide range of classes in traditional content areas of Pre-AP Biology, Pre-AP Chemistry, and Physics and a range of electives in the areas of Human Anatomy and Physiology, Oceanography, Environmental Science, and several Advanced Placement opportunities like AP Biology, AP Chemistry, AP Physics and AP Environmental Science. AP Chemistry is a CU Succeed Dual-Enrollment course, offering students the ability to earn 10 college chemistry credits that are transferable to all colleges in Colorado as well as to schools in other states. The Science Department also seeks to provide opportunities to students who are interested in pursuing Science Careers, and those opportunities are formulated in their three years of science courses; one year of Biology, one year of a physical science, and students can choose a science course to suit their interest for their third year.

COURSE OFFERINGS

- Biology - Pre-AP, Honors Pre-AP, AP
- Chemistry - Pre-AP, Honors Pre-AP, AP
- Physics - Regular, Honors, AP
- Environmental Science - Regular, AP
- Oceanography
- Anatomy Honors – Regular, Honors
- Physical/Earth/Space (by administrative placement only)

OPPORTUNITIES

Science Olympiad

Doherty Field Studies

Aerospace Club

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Social Studies Department

Social Studies provides a variety of levels and a diversity of opportunities for students to develop a deeper understanding of the complex and rich history of the United States, as well as the civic responsibilities and workings of the United States Government. In addition, students learn the valuable lessons of economics to meet the challenges of an increasingly complex world. As freshmen, students explore the history of Asia, Europe, Africa, and South America through World History and Geography. The Social Studies Department also offers a wide range of electives. The Psychology and Sociology classes allow students an opportunity to research the human mind and human behavior. Current Events and Criminal Law present the possibility of deeply investigating the events that shape our world today and the laws that govern our interactions. Also, the Social Studies department offers the unique chance to study the judicial system through the Mock Trial program. Finally, the Social Studies departments creates the opportunity for students to choose the level that fits their interest and skills by providing multiple Advanced Placement classes that present the chance to gain valuable critical thinking development and the chance to gain college credit. In addition, the Pre-AP program will prepare students to enter the AP classes with the skills to challenge themselves and attain greater success.

COURSE OFFERINGS AND PATHWAYS

- Honors Pre-AP World History & Geography (9th Grade)
- Pre-AP World History & Geography (9th Grade)
- AP Human Geography (9th – 12th Grade)
- AP US History (10th Grade)
- Honors US History (10th Grade)
- US History (10th Grade)
- Mock Trial (9th - 12th Grade)
- AP US Government (11th Grade)
- US Government (11th Grade)
- AP European History (11th & 12th Grade)
- Current Events (11th & 12th Grade)
- Criminal Law (11th & 12th Grade)
- AP Psychology (11th & 12th Grade)
- Psychology (11th & 12th Grade)
- Sociology (11th & 12th Grade)
- AP Micro/Macro Economics (12th Grade)
- Principles of Economics (12th Grade)
- Economics (12th Grade)



Citizenship Collaboration Critical Thinking Creativity
WORLD LANGUAGES DEPARTMENT

How many of you are already planning your future careers? Your knowledge of other languages will make you a valuable candidate for careers abroad as well as in the United States. Employers in today's global economy look for workers who know different languages and understand other cultures.

As a Doherty High School world language student, you will be prepared to operate and communicate well in a rapidly evolving global economy. Multilingual applicants have an edge over others in most career fields. The National Research Council states that knowledge of a world language facilitates travel, enhances career opportunities, and enables one to learn more about different peoples and cultures.

Doherty High School world language students are able to communicate and collaborate effectively, innovate, and think critically. Students will learn what it means to be a global citizen by demonstrating character and resourcefulness. World languages prepare students to be competitive participants in our global economy with analytical skills, technical skills, reading and writing skills, computational skills and core knowledge and expertise.

COURSE OFFERINGS AND PATHWAYS

SPANISH, FRENCH, GERMAN COURSES:

- 1/2 (First year) - Full Year (9-12)
- 3/4 (Second year) - Full Year (9-12)
- 5/6 (Third year) - Full Year (10-12)
- 7/8 (Fourth year) - Full Year (11-12)
- Advanced Placement - (11-12)
- Honors option available for Second and Third years
- Spanish for Spanish Speakers

POTENTIAL CAREERS:

- Business
- Diplomacy / Public Relations
- Engineering / Software Design / IT
- Fashion
- Finance / Banking
- Interpretation / Translation
- Journalism / Telecommunications
- Medical
- Education
- Travel / Tourism

HIGHLIGHTS - OPPORTUNITIES - BENEFITS

College Credit available for some classes through UCCS & PPCC Leadership Opportunities
Available in Student Organizations: Spanish, French, and German clubs
Exchange opportunities available!