



# Hidden Lake High School

2017 - 2018

Course Catalog

Hidden Lake High School High School  
7300 Lowell  
Westminster, CO  
80030

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BOARD OF EDUCATION**

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## NON-DISCRIMINATION STATEMENT

All of the courses, programs and activities offered in Adams County School District 50 are open to ALL students, regardless of sex, provided the student has met all established requirements. This policy meets all requirements and directions of the U.S. Department of Education under Title IX of the Education Amendments of 1972.

No person shall, on the basis of race, color, national origin, sex or handicap be excluded from participation in, be denied benefits of, or be subject to discrimination under any education program or activity receiving federal financial assistance. This is referenced in Board of Education Policies AC and ACA.

Inquiries or specific complaints of alleged discrimination may be submitted in person or in writing to the School Principal or the Chief Human Resources Officer at Adams County School District 50, 6933 Raleigh Street, Westminster, CO 80030, (303) 428-3511 or to the Regional Director of the Office of Civil Rights, 1244 North Speer Blvd., Denver, Colorado 80204.

## A COMMITMENT TO COMPETENCY

Adams County School District 50 and Westminster High School are committed to ensuring that all students receive a quality education based upon the belief that students should attain a level of competency before moving to the next level of education.

Our focus on learning requires that all students engage in continuous improvement to achieve mastery, or competency of learning targets, regardless of the pathway of choice.

Westminster High School offers a comprehensive high school program, with a wide variety of academic choices and career pathways. Students have the opportunity to accelerate their pacing and achievement by developing the body of evidence necessary to demonstrate competency. This body of evidence may include: Assessment scores, writing samples, interviews, performance tasks, presentations, research, art work, self-expression and many others.

Students are encouraged to first close achievement gaps, if any, and get on a course to complete High School level coursework (NCAA).

## USE OF THIS COURSE CATALOG

The following courses listed are those courses that Hidden Lake is typically authorized to offer. Not all courses are required to be offered. The school schedule is determined by administration based on student requests/needs and the ability to offer the course via staffing. Additional courses may be added as authorized, updated course catalog will be made available on the school website.

## GRADUATION REQUIREMENTS

### District Graduation Requirements

*The graduation requirements are being modified to better represent the Competency Based System. They will be added to this course catalog upon approval by the Board of Education.*

### Important Higher Education Admission Requirements

In October 2003, the Colorado Commission on Higher Education (CCHE) approved revisions to its Admission Standards Policy that include the addition of a pre-collegiate curriculum requirement. The curriculum revision applies to students who graduate from high school beginning in the spring of 2008 and seek to qualify for admission to Colorado's four-year public educational institutions. Community colleges will continue to have open admissions and students enrolling in these institutions are not subject to this change in admissions standards.

#### **Pre-collegiate Curriculum**

The pre-collegiate curriculum is a combination of courses, primarily in the areas of English, mathematics, natural sciences, and social sciences that students should plan to complete as preparation for entering one of Colorado's public four-year colleges or universities

|  |           |
|--|-----------|
| English  | 4         |
| Mathematics (Algebra I level and higher)                     | 4         |
| Natural Sciences (two units must be lab-based)               | 3         |
| Social Sciences (at least one unit of U.S. or world history) | 3         |
| World Language (must be same language)                       | 2         |
| Academic Electives (see note below)                          | 2         |
| <b>Total</b>   | <b>18</b> |

Approved career and technical education courses with content comparable to courses meeting Colorado's Academic Standards and industry specific and/or Career Technical Education standards are counted as academic electives.

#### **Sample Admission Criteria for College Entrance**

If your plans after graduation from high school include college, you should keep in mind the five major factors upon which college admission is based:

1. Quality of your courses of study while in high school
2. Grades earned in these courses and the resulting grade point average and class rank
3. Test scores on the ACT and/or SAT tests
4. Activities both in and out of school
5. Letters of recommendation when appropriate

Admission requirements to colleges and universities vary greatly. Students should seek information about the colleges or universities they are interested in attending, to determine the exact requirement. Catalogs may be obtained from the college and many are available in the high school post-graduate or counseling center.

## EARN COLLEGE CREDIT IN HIGH SCHOOL

**Concurrent Enrollment through Front Range Community College (FRCC)** courses are offered for the this school year to expand the opportunities for students to earn college credits. These courses will be available at Hidden Lake High School, Westminster High School, or at FRCC depending on the courses offered. The complete list of course offerings can be found within the Career and Technical Education (CTE) section.

## CONCURRENT ENROLLMENT

### **Front Range Community College**

Prerequisite: All students must pass the Accuplacer assessment and have prior approval of their counselor. A signed contract by the student, parents, and counselor is required.

### **What is College Now?**

The “College Now” program at Front Range Community College is an exciting opportunity for high school students to take college classes, earning both high school and college credit at the same time.



### **Who can participate in College Now?**

Students under the age of 21 in grades 9-12 may enroll in the program if they meet prerequisites for desired courses and have been approved by District 50 to enroll. Students must show appropriate test scores (ACT or Accuplacer) to be considered for the course of their choice, and will be considered based on high school GPA, ICAP, and completion of all required steps.

### **Where are the college courses offered?**

Students may have the opportunity to take classes offered at the high school site. Current options include Multimedia and Graphic Design courses.

Students may also have the opportunity to come to campus to take classes that are not otherwise offered at the high school. If students choose to come to campus, the student will be responsible for his/her own transportation.

### **How much does it cost?**

If a student takes a College Now class at the high school site, the district will pay tuition, and the college will waive all course fees. The student may be responsible for buying a textbook if one is not provided for the class.

If a student takes a College Now class at the Front Range Community College campus, the student is responsible for campus fees, and for the textbooks. The district will pay tuition.

Note: The student is also responsible for signing up for the College Opportunity Fund (COF) stipend, which is a stipend where the State pays a portion of tuition. If the student does not sign up for the COF stipend, or the stipend does not process, the student will be responsible for paying this portion of the bill.

**Are there dates I need to remember?**

Yes. There are deadlines that students must meet through the school district and through the college each semester. Check with your high school counselor for more information.

**Can I drop a class once I enroll?**

Maybe - If a student changes his/her mind about taking a class during the semester, the student must drop the class through the student account at Front Range Community College. Students can drop classes before they start; once the class starts, the student has until the college drop deadline to drop without penalty. For information about the drop deadline, please contact College Now staff at Front Range Community College.

If a student does not drop the class before the drop deadline, or the student needs to get out of the class to prevent a failing grade, the student will have to withdraw from the class by the withdraw deadline. Withdrawing means that a student will have a 'W' on the college transcript to show that the class was attempted.

If a student does not pass a College Now class, the student will be responsible for repaying tuition to District 50.

**Credits Awarded**

The chart below shows the breakdown of how credits are awarded at Westminster public Schools that are earned while taking concurrent courses.

| Front Range Credits | WPS Credits |
|---------------------|-------------|
| 1                   | 0.25        |
| 2-3                 | 0.5         |
| 4-5                 | 1.0         |

## ELIGIBILITY

### National Collegiate Athletics Association

#### NCAA FRESHMAN-ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

##### KNOW THE RULES:

###### Core Courses

**NCAA Division I requires 16 core courses as of August 1, 2008.** This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.

**NCAA Division II requires 14 core courses.** See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

###### Test Scores

**Division I** has a sliding scale for test score and grade point average. The sliding scale for those requirements is shown on page two of this sheet.

**Division II** has a minimum SAT (Scholastic Aptitude Test) score requirement of 820 or an ACT (American College Testing) sum score of 68.

The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, mathematics, reading and science.

**All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.**

###### Grade-Point Average

Only core courses are used in the calculation of the grade-point average.

**Be sure** to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Website is [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

**Division I** grade-point-average requirements are listed on page two of this sheet.

**The Division II** grade-point-average requirement is a minimum of 2.000

##### DIVISION I

###### 16 Core-Course Rules

- 4 years of English.
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or no doctrinal religion/philosophy).

##### DIVISION II

###### 14 Core-Course Rule

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 2 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 3 years of additional courses (from any area above, foreign language or no doctrinal religion/philosophy)

**PLEASE NOTE:** Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

## Westminster High School Eligibility

Westminster High School believes in the development of the whole student. As such, we maintain high expectations for our student athletes. Westminster High School participates under the governance of the Colorado High School Activities Association (CHSAA). The Athletic Director is responsible for determining and reporting eligibility.

Students allowed to participate in CHSAA sanctioned athletics and activities must be eligible and remain eligible. There are two different types of eligibility checks required by Westminster High School for all students to be eligible to compete in sanctioned contests.

## Season Eligibility

Season Eligibility will be checked prior to the first scheduled practice as dictated by the CHSAA calendar. Season Eligibility checks will be conducted at the beginning of each of the three seasons that are sanctioned by CHSAA, Fall, Winter, and Spring.

1 All participating students are determined eligible if they have not failed more than two classes during the previous sanctioned season.

2 All participating students must have been registered and attended at least 5 periods of approved High School classes the previous sanctioned season.

3 All athletes must be registered and be attending at least 5 periods of approved High School classes during the current sanctioned season.

If a student is determined **INELIGIBLE** at the beginning of the season based on the previous guidelines, they have the opportunity to regain eligibility, after 6 weeks of competition in that season based on the following criteria:

- He or she is not failing more than two classes during those six weeks and is registered and attending at least 5 periods of classes.
- The extent of participation, if at all, is based on the coach's discretion. It does not guarantee a student a position on the team and/or playing time.

## Maintaining Eligibility

Once a student has been determined eligible, it is the student's responsibility to maintain their eligibility. Weekly Eligibility checks will be conducted throughout the entire season.

If a student is failing more than two classes at the time the check is conducted each week, He or she will be determined **INELIGIBLE**.

- He or she will not be allowed to participate in competition during the following week.
- He or she will not be allowed to travel nor sit on the sideline/bench.
- He or she must participate in all practices unless excused from practice by the coach or administration.

## Transfers

The eligibility of all transfers into Westminster High School is considered on a case-by-case basis. A student is not eligible for competition until the Athletic Director has provided final approval.

## SCHEDULE ADJUSTMENTS

In cases where circumstances warrant, Adams County School District 50 schools will allow students to drop a particular class and add another class or make adjustments to their schedules during the first five school days of each semester (e.g. scheduling error, student does not have prerequisite class, student needs class for graduation, student has already received credit for the class, medical reasons). Students who drop classes after the five-day period will receive a "WF" and receive no credit for the class being dropped. These drops require parent contact by the school. Because registration is a contract between the student and the school, class changes will be kept to a minimum. *All changes in student schedules after the five-day period must have administrative approval.*

## GENERAL EQUIVALENCY DIPLOMA (GED)

Students who elect to obtain a GED will receive the GED certificate from the institution offering the GED Program. This certificate cannot be exchanged for an Adams County School District 50 High School Diploma. GED recipients may not participate in the graduation ceremony. Students who are interested in the GED process should contact their counselor.

# 2017-2018 HIGH SCHOOL COURSES

## Literacy Courses

4 Credits Required for Graduation

### Remedial Courses

#### **English/Language Arts Concepts: 0.5 credit (Covers Colorado Academic Standards, 8th Grade)**

Under the Adams County School District 50's Competency-based instructional design students are placed at an appropriate learning level based on assessment and demonstration of proficiency in the content area. Students placed in this course will focus on English and Language Arts concepts and skills needed to be competent in High School Level curriculum. Concepts from all four Literacy strands will be covered: Oral Expression and Listening, Reading, Writing/Composition, and Research. Through reinforcing basic concepts the students will be able to enter English/Language Arts 1.

- These remedial courses will earn a half credit because they address content that is below the 9<sup>th</sup> grade level.
- Students that are enrolled in these courses have not shown they are proficient in the skills and student must master before high school.
- These classes must be passed before they can enroll in high school level courses.
- Please speak with your teachers, counselors, and school administrators if you have any questions or concerns.

#### **English/Language Arts 1 (ELA 1)**

Prerequisite: Literacy Level 8 or Proficient in 8th Grade Literacy Standards

This course focuses on listening, speaking, reading, writing, and referencing and covers the level 9 Literacy standards.

1 Credit - NCAA

#### **English/Language Arts 2 (ELA 2)**

Prerequisite: ELA 1

This course focuses on listening, speaking, reading, writing, and referencing and covers the level 10 Literacy standards.

1 Credit - NCAA

#### **English/Language Arts 3 (ELA 3)**

Prerequisite: ELA 2

This course includes reading various pieces of traditional and contemporary literature and authors that represent the diversity of America. This course focuses on applications of effective listening and speaking skills, literary analysis, grammar and usage skills, and skills in writing for multiple purposes.

1 Credit - NCAA

#### **English/Language Arts 4 (ELA 4)**

Prerequisite: ELA 3

This course engages students in becoming skilled readers of prose written in a variety of periods and disciplines, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students 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.

1 Credit - NCAA

## English Language Development Courses

English Language Acquisition (ELA) support and instruction at WHS consists of a Newcomer Program, which serves NEP (no English) students, Intervention Literacy classes, which are taught by ELA endorsed staff designed to help NEP and LEP (limited English) students succeed in appropriate levels, Sheltered Content Instruction, which is provided by staff in content and elective classes, and specialized Content/Language Support (FLEX) classes. Students in Newcomer class typically have two blocks of language classes and have English language acquisition as their focus in content areas. Students in Intervention Literacy classes are taught at their instructional level and supported with extra vocabulary instruction and an intense focus on academic strategies. ELA students can also enroll in FLEX classes where they can work on increasing academic core knowledge and academic vocabulary.

**A maximum of 2 Credits of ESL English may count towards Language Arts Graduation Credits.**

**In addition to these courses, Westminster High School offers traditional Literacy Courses (see the previous section) for ELD students. In addition, every effort is made to offer all Literacy courses taught by English Language Development endorsed teachers to help provide additional support for ELD students.**

### Newcomer English

**Prerequisite:** none

This course is designed for students at the beginning level of English. The purpose of instruction in NEWCOMER English is to provide students with the English skills necessary to function in the regular classroom and in the community at large. Students will expand the English language skills through a variety of listening, speaking, reading, and writing activities.

*1 Credit*

### Intervention Literacy

**Prerequisite:** none

Students are assigned to these classes based on language proficiency, literacy level, and teacher recommendation. These smaller sized classes combine literacy targets with ELA standards and are taught in a fast paced environment where student homework and full participation are expected.

*1 Credit*

### ELA Flex

**Prerequisite:** none

This course is designed to be an intense content area intervention class. It focuses on academic English needed to succeed at higher levels of content in High School. The student's role in the class is extremely important. Personal motivation will be the key to improving academic English skills. Students need to demonstrate a willingness to work hard and meet classroom expectations of 100% engagement, maintaining a learning log, and attending every day.

*1 Credit*

## Math Courses

3 Credits Required for Graduation

### Remedial Courses

#### **AI Geo Concepts: 0.5 credit (Colorado Academic Standards, 8th Grade)**

Under the Adams County School District 50's Competency-based instructional design students are placed at an appropriate learning level based on assessment and demonstration of proficiency in the content area. Students placed in this course will focus on Pre-High School Algebra and Geometry concepts and skills needed to be competent in the AIGeo-1 curriculum.

- These remedial courses will earn a half credit because they address content that is below the 9<sup>th</sup> grade level.
- Students that are enrolled in these courses have not shown they are proficient in the skills and student must master before high school.
- These classes must be passed before they can enroll in high school level courses.
- Please speak with your teachers, counselors, and school administrators if you have any questions or concerns.

### **AI Geo 1**

Prerequisite: Math Level 8 or Proficient in 8th Grade Math Standards

AIGeo-1 continues the integrated development of high school mathematics along the interwoven strands of algebra, functions, geometry, trigonometry, statistics and probability. Focused units of study connect these strands through an emphasis on data collection, multiple-representations, interpretation and prediction in an active and collaborative setting. Students will be able to use and apply mathematical concepts and skills involving: matrices, quadratic relations, linear systems, correlation, regression, probability, coordinate geometry, trigonometric graphs and similarity.

1 Credit - NCAA

### **AI Geo 2**

Prerequisite: AI Geo 1

AIGeo-2 continues the integrated development of high school mathematics along the interwoven strands of algebra, functions, geometry, trigonometry, statistics and probability. Focused units of study connect these strands through an emphasis on data collection, multiple-representations, interpretation and prediction in an active and collaborative setting. Students will be able to use and apply mathematics concepts and skills involving: linear systems and inequalities, linear programming, sampling and sampling distributions, polynomial, exponential, and rational expressions, inductive and deductive reasoning, probability, geometric and algebraic transformations, and arithmetic and geometric sequences and series.

1 Credit - NCAA

### **AI Geo 3**

Prerequisite: AI Geo 2

AIGeo-3 continues the integrated development of high school mathematics along the interwoven strands of algebra, functions, geometry, trigonometry, and statistics and probability. Focused units of study include the processes of data collection, representation, interpretation, prediction, and simulation.

1 Credit - NCAA

### **Pre-Calculus**

Prerequisite: AI Geo 3

This course extends and integrates concepts from algebra and geometry. It includes a study of polynomial, rational, exponential, logarithmic and trigonometric functions, inverse and second-degree relations and their graphs. Other topics include complex numbers, polar coordinates, vectors, sequences and series.

1 Credit - NCAA

## Science Courses

3 Credits Required for Graduation

### Remedial Courses

**Science Concepts: 0.5 credit (Colorado Academic Standards, up to and including 8th Grade)**

**Lab Fee Required**

Under the Adams County School District 50's Competency-based instructional design students are placed at an appropriate learning level based on assessment and demonstration of proficiency in the content area. Students placed in this course will focus on Pre-High School Science concepts and skills needed to be competent in the Earth Science curriculum.

- These remedial courses will earn a half credit because they address content that is below the 9<sup>th</sup> grade level.
- Students that are enrolled in these courses have not shown they are proficient in the skills and student must master before high school.
- These classes must be passed before they can enroll in high school level courses.
- Please speak with your teachers, counselors, and school administrators if you have any questions or concerns.

### Physics

**Prerequisite: Science Level 8, Concepts, or Proficient in 8th Grade Math Standards**

Level 9 Physics is a laboratory-based science that has students study the way the universe works. Conceptual understanding of the subject will be emphasized. Topics covered will include motion, forces, gravity, energy, and momentum. The course may also include a study of heat, fluids, waves, sound, light, optics, electricity, magnetism, and/or atomic structure. The study of physics is a valuable part of the general education of any student. Learning to examine the parts of a problem in order to find solution will be useful throughout a person's life. Classroom activities will include laboratory experiments, classroom discussions/lectures, readings, and assessment activities.

1 Credit – NCAA – Lab Fee Required

### Chemistry

**Prerequisite: Physics**

Chemistry is the Level 10 science course. Chemistry is a course based on regular laboratory investigations of matter, chemical reactions, and the role of energy in those reactions. Students enrolled in Chemistry compare, contrast, and synthesize useful models of the structure and properties of matter and the mechanisms of its interactions. In addition, students enrolled in this course are expected to: gain an understanding of the history of chemistry, explore the uses of chemistry in various careers, investigate chemical questions and problems related to personal needs and societal issues, and learn and practice laboratory safety.

1 Credit – NCAA – Lab Fee Required

### Biology

**Prerequisite: Chemistry**

Level 11 Biology is the study of the living world, including microscopic organisms, fungi, plants, and animals. In Biology it is important to attempt to understand life and life processes. This biology course, therefore, is aimed at introducing principles and concepts that apply to life at all levels of organization, no matter how simple or complex they may be. Our study begins by examining those general characteristics that are shared by all living things. These include similarities in chemical makeup, energy usage, ability to reproduce and community involvement. Other themes developed as the course progresses include: relatedness among living things, adaptation for survival among living things, and the interactions of living things with their environment.

1 Credit – NCAA – Lab Fee Required

### Anatomy and Physiology

**Prerequisite: Chemistry/Physics**

This course focuses on biological structure and its function. Students study how the systems of the body perform their work, the complementary nature of structure and function, homeostasis and homeostatic regulating mechanisms, the interaction between humans and their environments, and metabolic processes.

1 Credit – NCAA – Lab Fee Required

## Social Studies Courses

3 Credits Required for Graduation

### United States History

Prerequisite: Social Studies Level 8, Concepts, or Proficient in 8th Grade Social Studies Standards

This level focuses on the history of the United States from the Industrial Revolution to the present time. Students study the themes of social, economic, geographic and political conflict in the struggle of various groups to gain realization of promises made in the founding documents of the United States. Upon successful completion of the course, students will understand the historical roots of many issues.

1 Credit – NCAA – Meets the US History Graduation Requirement

### Civics

Prerequisite: Level 8 Social Studies or Social Studies Concepts

This course describes the organization and operation of government on the local, state, and national levels. Students will be exposed to the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system. Students will also be able to identify some of the challenges in United States foreign policy and other issues facing Americans as well as understand their role (rights and responsibilities) as citizens at all levels of government and in the world today.

0.5 Credit – NCAA

### Economics

Prerequisite: Level 8 Social Studies or Social Studies Concepts

Students will demonstrate an understanding of basic economic concepts. Students become familiar with the economic system of the United States and how it operates. Students also explore the role of various components of the American economic system, and examine their roles as consumer, worker, investor and voting citizen. Topics of discussion include the stock market, banking, comparative economic systems and the impact of political and social decisions on the economy.

0.5 Credit – NCAA

### World History/Geography

Prerequisite: US History, Civics, and Economics

Students will analyze the effects of the interactions between people and their physical world. Students will also use and interpret maps, graphs, and charts. They will analyze diverse patterns of cultural activity and changes in regions. Students will also understand why and how cooperation and conflict between people of different regions shape world events. Students will also study major civilizations and cultures from ancient to modern times. The course will examine various cause-and-effect relationships of major events and analyze the various religious, philosophical, scientific, economic, political, and technological ideas that still influence us today. Students will learn what government is; why it exists, how it functions at the national, state, and local levels and how the various levels of government are based on the constitution and democratic principles. Students will also gain an understanding of the roles and rights of responsible citizens at all three levels of government. Students will also examine the history, culture, and contributions of minorities in the United States.

1 Credit – NCAA

## Visual Arts Courses

### 2D Art (Drawing and Painting)

**Prerequisite:** none

This course develops an understanding of the elements of art and principles of design, and the ability to recognize these elements and principles in works of art. The student will learn to recognize and use drawing as a form of communication. The student will analyze art and relate drawing to history and culture. The student is exposed to various drawing media and techniques.

*Course/Project Fee Required - 0.5 Credit*

### Advanced 2D Art

**Prerequisite:** 2D Art

Advanced 2D Art is a comprehensive exploration into the world of painting and drawing with an emphasis on drawing from life and other sources. Students will experiment with multiple forms of two-dimensional media including: charcoal, chalk, ebony, and paint (watercolor, acrylic, oil). Students will use these materials and their knowledge to develop a portfolio of work that will demonstrate their critical understanding of 2D art, its techniques, and its relevance in our global community.

*Course/Project Fee Required - 0.5 Credit*

### 3D Art (Sculpture or Jewellery)

**Prerequisite:** none

This course develops an understanding of the elements of art and principles of design as they relate to the third dimension. The student will recognize and use sculpture including jewelry as a form of communication. The student will analyze art and relate sculpture to history and culture. Students will learn the sculptural techniques of carving, casting, and construction using a variety of sculptural media.

*Course/Project Fee Required - 0.5 Credit*

### Advanced 3D Art

**Prerequisite:** 3D Art

Advanced 3D Art is a comprehensive exploration into the world of jewelry, sculpture and installations art. Students will experiment with multiple forms of three-dimensional media including: metal, wood, clay, found objects and natural materials. Students will use this material and their knowledge to develop a portfolio of work that demonstrates their critical understanding of art, its techniques, and its relevance in our global community.

*Course/Project Fee Required - 0.5 Credit*

### Film Analysis

**Prerequisite:** none

In this course the student will watch, evaluate, discuss and correlate films to literary works. Student expectations are to write about and examine literature and film to create a myriad of connections to everyday life, literature and the world. The focus will be on films that have a literary nexus to evaluate written and cinematic works of art.

*0.5 Credits*

## Physical Education Courses

### Fitness for Life

Prerequisite: PE-1

This course is designed to improve personal skills and fitness through weight training and fitness activities. Students will learn and apply principles of nutrition, fitness, and wellness.

0.5 Credit

### Athletic Team Fitness

Prerequisite: Must be a member of a High School athletic team in or outside of the District.

Specific workout programs will be designed to meet the needs of students participating in sports. Students will obtain a background and understanding of advanced lifting and spotting techniques, how weight training and conditioning affect human performance and sports-specific weight training.

0.5 Credit

## Health Courses

### Health

Prerequisite: none

This course examines health topics, including: CPR training; abstinence from illegal drugs, alcohol, and other dangerous substances; fitness, nutrition, weight control, and general health maintenance. This course is designed to teach students to make health-enhancing decisions. They will understand the cause/effect relationships of the decisions they make.

0.5 Credit

## General Elective Courses

### Advisory

Prerequisite: none

Yearlong class is open to all students. The class is designed to support students in an academic environment. Students will focus on study skills, high school adjustment and in community service as to serve as a resource for students to build strong adult relationships in the building.

0.25 Credit

### Student Assistant

Prerequisite: none

Students may select only one assistantship per semester. Up to one credit of assistantship credit may be used toward fulfilling general elective graduation requirements. Student assistants work with instructors to aid them in filing and carrying out general office and classroom tasks. Student assistants are selected by the person in charge of the particular office or class to be assisted. If you are interested in an assistantship, contact the appropriate person prior to registration. **Student Assistant grades are not part of the GPA calculation.**

0.5 Credit

### Student Council

Prerequisite: Application and teacher approval

The Student Council communicates with and works with school and district administration, teachers and other staff, other schools, and members of the community. Student leaders coordinate with other school and community clubs and organizations to promote excellent behavior, coordinate events and increase school spirit. Student leaders are expected to maintain good grades and exhibit exemplary behavior since they are the leaders in the school and mentor for other students. Westminster High School is a member of the National Association of Student Councils.

1 Credit

## Discovery

Prerequisite: none

This course is required during the first semester of enrollment. The course is two periods long and is combined with a Discovery PE and Discovery Art course. The Discovery curriculum is designed to provide communication skills for students in a concrete, skills-based curriculum. The course of study focuses upon appropriate social skills necessary for success in school and in life. Students find that when they have the skills for effective grouping, conflict resolution, problem solving, communications skills, and assertiveness training their academic achievement increases. The Discovery curriculum can help students with low academic achievement, poor attendance, low motivation, and violence become re-engaged in school and in life.

0.5 Credit

## Advanced Discovery

Prerequisite: none

Students will delve into the Discovery curriculum investigating communication skills for students. This curriculum focuses upon the appropriate social skills necessary for success in school and in life. Students find that when they have the skills for effective grouping, conflict resolution, problem solving, communication skills, and assertiveness training their academic achievement increases. This course is a refresher course to Discovery as well as taking skills to a higher level.

0.25 Credit

## Business On the Job Training (OJT)/ Internship Program

Prerequisite: none

Working an average of 15 hours a week, students gain real-world experience by interning or paid employment at a business of their choosing and approved by the instructor. The employer, instructor, and student conduct evaluations. Semester credit will be based on the number hours worked.

0.5 Credit

## JROTC Courses

### OVERVIEW

The Air Force JROTC program's mission is to "Develop citizens of character dedicated to serving their Nation and Community." Participation in the AFJROTC program does NOT incur any military obligation. Students engage in three academic areas: Aerospace Science (40%), Leadership (40%), and Wellness (20%) (See individual course descriptions below). Character development, time management, professionalism, respectful behavior, communication, and personal responsibility are key objectives incorporated into all aspects of the curriculum. Students are required to demonstrate the proper wear, maintenance, and safeguarding of the Air Force Service Dress uniform as well as the Air Force physical fitness uniform. They are required to properly wear the AF Service Dress uniform once per week for the entire school day. Fifteen minutes of physical fitness to include push-ups, sit-ups, and general aerobic activity is incorporated at the start of each class day. In addition, students will engage in a fitness day each Friday and must wear the issued PT uniform items for that activity. The uniform wear and personal appearance requirements are learning crucial which means a student must meet the uniform wear and personal appearance requirements to be eligible to receive course credit. Students will be issued a complete, individually-tailored Air Force Service Dress uniform as well as PT uniform items for use throughout the year. First-time enrollees are required to pay a \$40 deposit. Returning enrollees are required to pay a \$20 deposit. To receive 50% of the deposit back at the end of the year, all issued items must be returned professionally dry-cleaned, complete, and serviceable (a discounted service is available which provides complete professional dry-cleaning for only \$5.00). Students are responsible for any missing or damaged uniform items. Curriculum-in-Action field trips, which directly support the curriculum, are provided throughout the school year. The cadets will enjoy trips to Wings over the Rockies, Denver After Dark (a career discovery event), tours of the Air Force Academy, nearby Air Force bases and civilian aerospace companies. Students are encouraged to participate on our competitive Military Drill and Color Guard teams. Multiple community service events are planned, organized, and implemented by the students with the intent of helping out in our local community as well as gaining valuable community service time for college applications and scholarships.



For those interested in attending college and participating in Senior ROTC, upon completing three (3) or four (4) years of JROTC, students can receive one year of college credit (if enrolled in Senior ROTC). Students interested in serving in the military after high school have the added advantage of: a) Obtaining a "Certificate of Training" for completing two years JROTC and advanced promotion to the salary and grade of E-2 on completing basic training. b) Obtaining a "Certificate of Completion" after completing three or four years of JROTC and advanced promotion to the salary and grade of E-3 on completion of basic training. **No** Military Obligation Is Incurred By Anyone Enrolled In This Program!

## Science of Flight – JROTC

Prerequisite: none

Aerospace Science: *The Science of Flight.* This course is a general study of aeronautics and the principles of flight including aerospace environment, human requirements of flight, principles aircraft flight, and principles of navigation. Leadership: *Principals of Management.* This course provides exposure to the fundamentals of management and equip them with the qualities needed to serve in leadership positions within the corps. Throughout the text are many ethical dilemmas, case studies, and role play activities built into the lessons. These activities are based on real life experiences and will allow students the opportunity to practice what they learn by getting involved in discussions and expressing their opinions. Additionally, all JROTC cadets are required (learning crucial) to wear the JROTC uniform once per week. The uniform is issued to each cadet at no charge beyond the course fee.

1 Credit- Course Fees

## Cadet Corps Management – JROTC

Prerequisite: Instructor identified: Select Senior AFJROTC cadets identified for top leadership positions in the cadet corps.

Cadets manage the entire corps. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice including communication, decision-making, personal-interaction, managerial, and organizational skills. Leadership: Students will focus on understanding the fundamentals of management, managing themselves, and others. Emphasis is placed on allowing the student to see himself/herself as a manager. Additionally, all JROTC cadets are required (learning crucial) to wear the JROTC uniform once per week. The uniform is issued to each cadet at no charge beyond the course fee.

1 Credit – Course Fees

## Drill Team - JROTC

Prerequisite: none

One-half semester Physical Education (PE) credit is awarded only during the Second Semester for cadets on the Drill / Color Guard Team. After school practice begins in October and runs through early May. Cadets compete against other JROTC drill teams as members of the Color Guard, Armed Drill, Unarmed Drill and/or Exhibition Drill teams. The PE credit is limited to Westminster High School students only. Students outside the district are encouraged to participate, however, similar credit is at the discretion of their home school and is not part of any agreement between districts.

0.5 Credit

## **AUTOMOTIVE TECHNOLOGY**

### **(Concurrent Enrolment Courses Taught at Front Range Community College)**

**Overview:** The Automotive Technology program is offered to Hidden Lake High School students at Front Range Community College. Students must apply and meet FRCC entrance requirements in conjunction with HLHS requirements. Additional courses may be offered based on student needs. See the Front Range complete Course Catalog at the following link. <http://www.frontrange.edu/Academics/Class-Finder-and-College-Catalog/>

### **Automotive Tech 101, 102**

**Prerequisite:** Accuplacer, counselor approval, and a signed contract.

This course develops competencies in automotive basic electrical systems, batteries, starting and charging systems, and drum, disc and ABS braking systems.

*2 College Credits – 1 HS Credit*

### **Automotive Tech 201, 202**

**Prerequisite:** Accuplacer, counselor approval, and a signed contract.

This course develops competence in automotive steering, suspension and alignment and engine repair.

*2 College Credits – 1 HS Credit*

### **ASE 101 (Auto Shop Orientation)**

**Prerequisite:** Accuplacer, counselor approval, and a signed contract.

Provides students with safety instruction in the shop and on the automobile. Emphasis is placed on the proper use and care of test equipment, precision measuring and machining equipment, gaskets, adhesives, tubing, wiring, jacks, presses, and cleaning equipment and techniques.

*2 College Credits – 1 HS Credit*

### **ASE 120 (Basic Auto Electricity)**

**Prerequisite:** Accuplacer, counselor approval, and a signed contract.

Introduces vehicle electricity and includes basic electrical theory, circuit designs, and wiring methods. Focuses on multi-meter usage and wiring diagrams.

*2 College Credits – 1 HS Credit*

### **ASE 123 (Battery Starting and Charging)**

**Prerequisite:** Accuplacer, counselor approval, and a signed contract.

Covers the operation, testing, and servicing of vehicle battery. Starting and charging systems. Includes voltage and amperage testing of starter and generator, load testing and maintenance of battery, and starter and generator overhaul.

*2 College Credits – 1 HS Credit*

## PHARMACOLOGY

(Concurrent Enrolment Courses Taught at Hidden Lake High School)

### **PHT 113 (Pharmacy Calculations and Terminology)**

Prerequisite: none

This course provides the pharmacy technician student with a math preview necessary for pharmaceutical calculations and reviews necessary pharmaceutical terminology.

*Taught at Hidden Lake High School - College Credit - 1 Credit*

### **PHT 115 (Pharmacology of the GI, Renal, Reproductive, Immune, and Dermatological Systems)**

Prerequisite: none

This course provides the basic concepts of normal body function as well as the diseases which impact the various body systems and the drugs used to treat such diseases. Emphasis is on disease state management and drug therapy.

*Taught at Hidden Lake High School - College Credit - 3 Credits*

### **PHT 118 (Pharmacology of the Nervous, Endocrine, and Musculoskeletal Systems)**

Prerequisite: none

This course serves as the second part of the two-part presentation of the basic concepts of normal body function. In this class, students review the disease states which impact the various body systems and the drugs used to treat such diseases. Emphasis is on disease state management and drug therapy.

*Taught at Hidden Lake High School - College Credit - 3 Credits*