

Horizon High School



Registration Guide 2019-20

Horizon High School
5321 E. 136th Avenue
Thornton, Colorado 80602-7714
720-972-4400

Welcome to Horizon High School!

We are proud of our school and excited that you will be a student here. The Horizon Community envisions a school of excellence in academic achievement, arts education, athletic competition, and co-curricular activities. We are a safe, caring community that fosters global thinkers prepared for successful living in the 21st Century.

Whether you are an incoming freshman or continuing your high school career, we invite you to choose classes that will result in the best possible high school experience that Horizon can provide.

Horizon offers an extensive variety of classes that combine academic rigor with attention to integrating the humanities. Our fine arts offerings are excellent; our performing arts departments exceed high school programs throughout the state. Our core academic areas as well as practical/technical course offerings provide students with work force and college readiness. To better meet the needs of our students, we offer college preparatory (CP) classes starting at the 9th grade level as well as advanced placement (AP) classes that allow students to earn college credit. In addition we offer the Horizon SOAR Program, which allows students to accelerate in a passion area and begin preparing for college early on.

In addition to academic excellence, the staff and students of Horizon High School are dedicated to creating a school in which every student feels connected and respected. Our goal is to create graduates that are accomplished young men and women who are committed to lifelong learning.

Sincerely,



Kim Brady, Principal
Horizon High School

HORIZON HIGH SCHOOL VISION
Reaching our potential today-meeting the challenges of tomorrow.

HORIZON HIGH SCHOOL

Mrs. Kim Brady.....	Principal
Mrs. Erica Fleeman.....	Assistant Principal
Mrs. Lisa Saunar.....	Assistant Principal
Mr. Marty Tonjes.....	Assistant Principal/Athletic Director
Mrs. Deb Moquin.....	Counselor
Mr. Michael Muedeking.....	Counselor
Mrs. Stacey Neumann.....	Counselor
Ms. Patty Rolison.....	Counselor
Ms. Anjela Schwab.....	Counselor
Ms. Angela Shields.....	Counselor
Mrs. Carolina Navarra.....	Registration Specialist

Registration Guidelines and Steps

The Master Schedule will be built from **student requests**. Courses and multiple selections of courses will be offered only if sufficient numbers of students enroll. You will be selecting classes for the entire school year. All students will register as full time students at Horizon High School. Students and parents should select classes wisely and carefully during the registration process as staffing and resources are impacted by these selections. Schedule changes are very difficult to obtain because the Master Schedule is built on student requests.

Listed below are some criteria you should use to make these wise choices.

1. Review the high school graduation requirements.
2. Review the college entrance requirements.
3. Review the course descriptions online. Carefully read the descriptions of those classes you are interested in taking and any pre-requisites prior to registration.
4. If you are an athlete, cheerleader/pom, in band, choir, or Student Government, it is your responsibility to know and understand the eligibility requirements. If you are an athlete, you will also need to review your selections with regard to the NCAA Clearinghouse guidelines.
5. All students are required to sign up for a minimum of **6 credits**. Music, Journalism, Yearbook, and Student Government may be selected for an additional credit. Additionally, all students must enroll for a minimum of **3 core subjects** (English, Social Studies, Science, Math or World Language).
6. Students testing below grade level in reading or math may automatically be placed in a supplemental reading or math class.
7. Follow the instructions on your registration form.

The content provided is current and timely as of January 2019. Information is presented in summary form and policies, procedures, fees and course titles are subject to change.

Schedule Additions/Changes

Once registered, students may request a change for only the following reasons:

1. Failed a class/missing prerequisite
2. Physical disability (must have doctor's excuse)
3. Previously earned credit in same class
4. Less than six credits
5. Double Scheduled
6. Senior needs graduation credit

Important Note: A "withdrawal" from class after 3 days for a block class or 5 days for a single period class is a "WF" (withdrawal fail) and is computed into the cumulative grade point average. Until a schedule change is approved, the student must continue to attend all classes on his/her schedule.

GRADUATION REQUIREMENTS FOR THE CLASS OF 2020

ENGLISH	4 credits
SOCIAL STUDIES	3 credits
Must include 1 credit US History and ½ credit Government	
MATHEMATICS	3 credits
SCIENCE	3 credits
PHYSICAL EDUCATION	2 credits
Horizon requires all students to take ½ credit Health and ½ credit Fitness	
FINE OR PRACTICAL ARTS	2 credits
Business/Marketing/Technology, Family & Consumer Sciences, Fine Arts, World Language, and all career/technical courses at BTEC.	
TOTAL ELECTIVE CREDITS	6 credits
TOTAL CREDITS REQUIRED FOR GRADUATION:	23 credits

Restrictions:

1. Students must have completed all graduation requirements by the last day for seniors to be eligible for participation in the graduation ceremony.
2. In order to receive a Horizon High School diploma, a student must establish residency by attending a minimum of one full semester and earning a minimum of 3 credits.
3. Credits earned from non-accredited institutions must be preapproved through the Counseling Office or Administration.

PE Waiver (Only for the class of 2020)

Juniors and seniors are eligible to apply for a Physical Education (PE) waiver of .5 to 1.0 credits. In order to qualify, students must have successfully completed a CHSAA sponsored sport, spirit squad, or marching band program. Students who want to submit an application for a PE waiver should see their school counselor for details. Approval of PE waivers will be based on meeting the criteria found in Superintendent Policy #6330. Seniors applying for a waiver should do so prior to or during the first quarter. By policy, PE waivers will NOT be approved for those students pursuing early graduation.

GRADUATION REQUIREMENTS FOR THE CLASS OF 2021 & BEYOND

The new graduation requirements for the Class of 2021 and beyond will focus on **two** areas: **Credits & Coursework** and **College & Career Readiness Demonstrations**.

CREDITS & COURSEWORK

High school students will complete 23 credits in the following coursework to graduate:

- 4 English
- 3 Mathematics
- 3 Social Studies (1.0 United States History, 0.5 Government)
- 3 Science (2 lab-based credits)
- 1 Physical Education* (0.5 Health) **NO Physical Education Waiver available**
- 2 Fine & Practical Arts (Music, Art, Theater, Career & Technical Education, World Language)
- 7 Electives*

**New requirement beginning with the Class of 2021*

COLLEGE & CAREER READINESS DEMONSTRATIONS

High school students **must** demonstrate college and career readiness in English and mathematics by achieving a minimum score in **at least ONE** of the following assessment demonstrations*:

- Accuplacer
- ACT
- ACT Work Keys
- Advanced Placement (AP)
- ASVAB
- Concurrent Enrollment
- Collaboratively Developed Assessment
- District Capstone
- Industry Certificate
- International Baccalaureate (IB)
- SAT

**Students are not required to achieve a minimum score for English and mathematics in the same assessment demonstration*

Details and ongoing updates available at:
www.adams12.org/graduation-requirements

Adams12
Five Star Schools



**Students
Of
Academic
Rigor**

SOAR Honors Program

The Horizon SOAR Honors program is a school-wide individualized program designed to enlighten, enrich and excite students. The SOAR program provides structure and support for high achieving students to prepare them for college success. Individual students select their own educational area of emphasis or “major” and a program is then designed specific to that “major”. The three choices for a “major” are:

- (1) Science, Math, Technology
- (2) Humanities
- (3) Arts (Performing, Visual, and Practical)

Through creative scheduling which includes blocking courses to accelerate learning, SOAR students have the opportunity to advance to the highest level of coursework (Advanced Placement [AP] and/or college courses). In addition to maintaining a 3.25 GPA, the SOAR program requires students to participate in extra-curricular activities, become involved in community service, and grow through advanced learning experiences (i.e. internships, Eagle Scout projects, student exchange programs, academic camps, etc.). The goal of SOAR is to (1) furnish a variety of learning opportunities which challenge and engage students during high school and (2) provide a well-rounded experience that enriches a resume for the competitive college/scholarship application process.

ADVANCED PLACEMENT TEST PREPARATION COURSES

Not every AP course will be offered every year.

Horizon courses recommended to prepare students for AP Exams include:

AP English Literature/Composition	AP English Language/Composition
AP Studio Art 2D	AP Studio Art 3D
AP Studio Drawing	AP Environmental Science
AP Biology	AP Physics
AP Chemistry	AP Psychology
AP US History	AP World History
AP Calculus BC	AP Calculus AB
AP Statistics	AP Computer Science Principles
AP Spanish	AP French
AP German	

AP Application is
required at time
of registration.

Please note that courses designated as AP are regulated by the College Board through the AP Course Audit process. AP classes are graded on the weighted grading scale. Students enrolled in AP classes at Horizon **will be required to take the AP exam in May. ALL STUDENTS REQUESTING AN AP CLASS WILL BE REQUIRED TO COMPLETE A CONTRACT OUTLINING ALL EXPECTATIONS FOR THAT CLASS.** The current fee is \$94.00 per test and is subject to change based on the College Board. Financial aid is available. Please see your counselor. AP course application must be filled out and returned at time of registration.

POST SECONDARY OPTIONS ENROLLMENT ACT

Through the Colorado Legislature Post-Secondary Options Enrollment Act, juniors and seniors may attend approved post-secondary educational institutions to earn concurrent high school and/or college credit. The District may pay tuition if the student has exceeded all course offerings in that discipline. Students must notify the counselor of intent 60 days prior to the beginning of the course. See your counselor for approval and forms.

COLLEGE ADMISSION TESTS/STATE MANDATED ASSESSMENTS

There are two primary testing programs utilized by colleges for the purpose of admissions and placement:

- **P.S.A.T./N.M.S.Q.T.** - The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test is designed to give students (juniors) experience with tests similar to those required for college admissions. In addition, results of this test are used as a competitive examination in the National Merit program. Interested Juniors take this test in October. In addition, the State requires all Sophomores to take the P.S.A.T. on a prescribed date in April.
- **COLLEGE BOARD - SCHOLASTIC APTITUDE (S.A.T.) AND ACHIEVEMENT TESTS** - The S.A.T. is used by colleges and universities as an entrance test. The State requires all Juniors to take the S.A.T. on a prescribed date in April. The S.A.T. I consists principally of two sections: one verbal and one math. The test is designed to provide reliable indications of a student's ability to do college level work and is administered nationally in November, December, January, March, May, and June. Achievement Tests provide information about a student's knowledge of subject matter and are used extensively for placement purposes by some institutions. Students should consult with their counselor to determine institution requirements. The S.A.T. II: Some colleges require students to take the S.A.T. II test(s) in various subject areas. This would usually be an out of state college.
- **AMERICAN COLLEGE TEST (A.C.T.)** - The A.C.T. results are accepted by all colleges in Colorado. A.C.T. tests are designed to measure the student's ability to perform the kind of intellectual tasks typically performed by college students. The major portion of the A.C.T. battery consists of four tests: English, Mathematics, Reading, and Science Reasoning. The A.C.T. is administered nationally in professional test centers five times each year: October, December, February, April, and June.

SAT/ACT Review is available in the Counseling and Career Center in various formats. Possible preparation classes may be held on weekends and evenings and will be announced at a later time.

IMPORTANT INFORMATION FOR THE COLLEGE-BOUND STUDENT ATHLETE

A student entering college and wishing to participate in Division I or II athletics must be certified by the NCAA Eligibility Center. The Eligibility Center ensures consistent application of NCAA initial-eligibility requirements for all prospective student athletes at all member institutions. Athletes need to start the certification early – during their sophomore or junior year in high school. Necessary information is available in the Counseling Center.

TO BE CERTIFIED BY THE NCAA ELIGIBILITY CENTER YOU MUST:

- 1. Graduate from high school.** (You should apply for certification during sophomore or junior year of high school if you think you may wish to participate in athletics in college.)
- 2. A sliding scale is used in conjunction with a student's GPA and ACT/SAT score for both Division I and II.** A core curriculum of at least 16 academic courses must be successfully completed during grades 9 through 12. Only courses listed as approved on your high school's "List of NCAA Approved Core Courses" (formerly 48-H) can be used to calculate your NCAA GPA. (See your counselor for the most current list of accepted classes). The chart below indicates the number of years of NCAA core courses that must be completed.
- 3. Minimum test scores on the ACT and SAT must be attained based on a sliding scale.**

Core Units Required for NCAA Certification		
	Division I	Division II
English Core	4 years	3 years
Math Core*	3 years*	2 years
Natural/Physical Science Core**	2 years	2 years
Social Studies Core	2 years	2 years
From English, Math, or Science (additional courses)	1 year	3 years
Additional Core (From any above area, world language, non-doctrinal religion, or philosophy)	4 years	4 years
TOTAL CORE UNITS REQUIRED	16	16

*includes at least 2 years of mathematics courses at the level of Algebra I or above.

** including at least one year of lab science

***Please see Counseling Department for additional guidance and registration information.**

FOUR YEAR PLANNING FORM

It is important for the student to review requirements for graduation and to plan accordingly. At the same time, it is to the student's benefit to explore a variety of interests and electives at all four grade levels. Use this page to plan for courses you would like to take.

9th GRADE PLAN

1 st Semester	2 nd Semester	Credits
English 9/Lit/Comp OR CP English 9 Lit/Comp		
Government/Economics OR CP Government/ Economics		
Science: Biology OR CP Biology		
Math (9 th graders will be placed based on district data)		
Total Credits		

10th GRADE PLAN

1 st Semester	2 nd Semester	Credits
English 10 Lit/Comp OR CP English 10 Lit/Comp		
World History/World Geography OR AP World History		
Science		
Math		
Total Credits		

11th GRADE PLAN

1 st Semester	2 nd Semester	Credits
Am. Lit/Comp US History OR AP Language AP US History		
Science		
Math		
Total Credits		

12th GRADE PLAN

1 st Semester	2 nd Semester	Credits
English 12 Lit/Comp OR English 12 Lit/Comp: Comparative Media Studies OR AP Literature		
2 additional Core Areas Science, Math, Social Studies		
Total Credits		

Business, Marketing, and Technology

All courses in the Business/Marketing/Technology Department meet the Fine & Practical Arts graduation requirement. Many business courses are taught on the computer. Students taking business courses acquire 21st Century workplace skills, college readiness skills, and a general business background. Students can participate in the workplace experience program, Hire Education. F.B.L.A. and DECA are integral components of the Business/Marketing program. Business/Marketing/Technology classes are recommended for entry level job training or college preparation. College Now courses allow students to earn dual credit at both Horizon and Front Range Community College (FRCC).

Business

Accounting

10th, 11th, 12th

Prerequisite: Completed and passed CMIC I

Intro to Business

9th, 10th, 11th, 12th - .5 credit

Business Law

10th, 11th, 12th - .5 credit

Finance

10th, 11th, 12th - .5 credit

College Now (FRCC)

Advanced Marketing (College Marketing)

Earn college credit

10th, 11th, 12th - 3 college credits

Prerequisite: Business Teacher Recommendation

Available for all Business & Marketing Courses

FBLA: In order to participate in FBLA, students must be enrolled in a Business, Marketing, or Technology class

Hire Education: Elective credit can be earned through job experience if a student is enrolled in a Business, Marketing, or Technology course. See online course descriptions for more information.

Marketing

Marketing

10th, 11th, 12th - 1 credit

International Business/Marketing

11th, 12th - 1 credit

Recommended Prerequisite: Mktg. or Adv. Mktg.

Management/ Entrepreneurship

11th, 12th - 1 credit

Recommended Prerequisite: Mktg. or Adv. Mktg.

DECA:

In order to participate in DECA, students must be enrolled in a Marketing class or Management/Entrepreneurship.

Technology

Computer Applications

9th, 10th, 11th, 12th - .5 credit

Web Design

9th, 10th, 11th, 12th - .5 credit

Recommended Prerequisite: Computer Apps

Intro to Computer Science

9th, 10th, 11th, 12th - 1.0 credit

Prerequisite: Completed CMIC I (C or better)

AP Computer Science Principles

9th, 10th, 11th, 12th - 1.0 credit

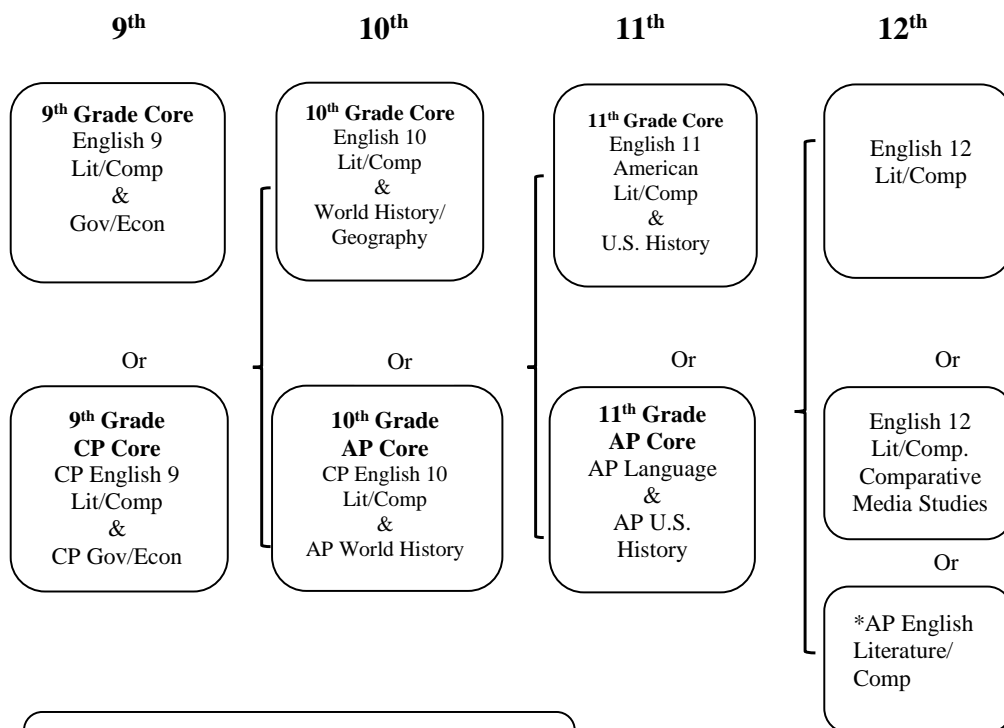
Prerequisite: Completed CMIC I (C or better)

A complete listing of courses and their descriptions can be viewed on our website at www.horizon.adams12.org/course-guide

ENGLISH

The content provided is current and timely as of January 2019. Information is presented in summary form and policies, procedures, fees and course titles are subject to change.

These are the required courses at each grade level:



Additional English Elective: Credit Recovery Only
Individualized Lit/Comp- - .5 credit

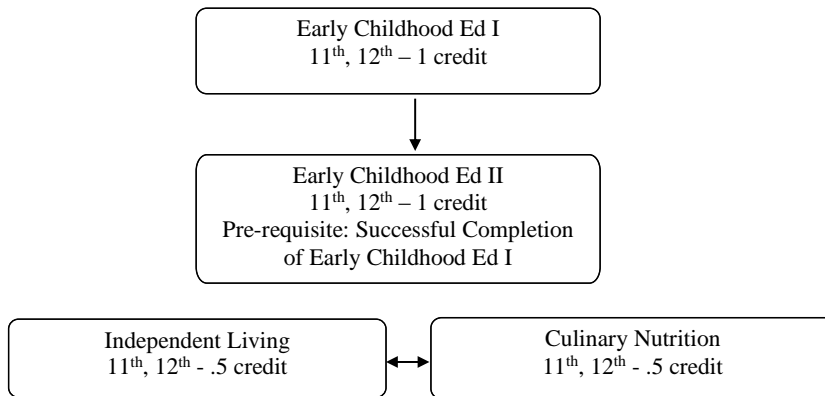
*AP application due at time of registration for all AP courses.

A complete listing of courses and their descriptions can be viewed on our website at www.horizon.adams12.org/course-guide

FAMILY & CONSUMER SCIENCE

All Family/Consumer Science courses meet the Fine and Practical Arts graduation requirement. Courses cover life skills and family relations, foods and nutrition, child development and careers.

11th and 12th grade choices



Students in the following classes are given the opportunity to observe and work with the children in Bright Horizons Daycare:

Early Childhood Education I
Early Childhood Education II

Additional credit is given for students working in the daycare during ECE Practicum.

A complete listing of courses and their descriptions can be viewed on our website at www.horizon.adams12.org/course-guide

FINE ARTS – Visual Arts

The Art Department offers courses for the student interested only in a sampling of art experiences or for the student interested in an in-depth study of a specific art area. Art History is incorporated into the courses through videos and discussions. Classroom critique and portfolio development along with application of 21st century skills is emphasized. All classes in the Visual Arts department meet or exceed Colorado Content Standards for Visual Arts education.

*Required fee for course. See online descriptions.

*Beginning Studio Classes (Drawing, Painting, **Photography, Jewelry, Sculpture, Ceramics) - .5 credit

** Photography classes require a digital camera.

*Studio Classes Level II (Drawing II, Painting II, Jewelry II, **Photo II, Sculpture II, Ceramics II) - .5 credit

*Studio Classes Level III (Drawing III, Painting III, Jewelry III, **Photo III, Sculpture III, Ceramics III) - .5 credit

*AP Studio Art 2D●, AP Studio Art 3D●, and AP Studio Drawing● may be taken any time after completing at least three classes in the same art area as intended AP course.

Independent Study: Portfolio preparation and senior exhibitions

A complete listing of courses and their descriptions can be viewed on our website at www.horizon.adams12.org/course-guide

***AP Application and Portfolio Review** are required at time of registration for all AP courses. Students planning to graduate early should not take AP Art.

FINE ARTS – Theatre

Theatre Arts I: Introduction

9th, 10th, 11th, 12th - .5 credit Fine and Practical Art



Theatre Arts II: Performance

9th, 10th, 11th, 12th - .5 credit Fine and Practical Art



Theatre Arts III: Advanced Performance

10th, 11th, 12th - .5 credit Fine and Practical Art

Tech Theatre

9th, 10th, 11th, 12th .5 Fine and
Practical Art

Theatre Dance

9th, 10th, 11th, 12th -.5 Fine and
Practical Art

Film Study

10th, 11th, 12th - .5 credit Fine and Practical Art

FINE ARTS – Communications

Yearbook

10th, 11th, 12th - 1 credit

Application only.

Yearbook applications can be obtained in
the Counseling center.

Journalism

10th, 11th, 12th – 1 credit

Application only.

Newspaper applications can be obtained
in the Counseling center.

A complete listing of courses and their descriptions can
be viewed on our website at
www.horizon.adams12.org/course-guide

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FINE ARTS – Music

The music department is organized in such a manner that students can continue with their studies from previous experiences, expand their abilities and talents, or explore music learning and experiences for the first time. The department offers classes for all levels of achievement in vocal music, instrumental music (winds, strings, and percussion), and music theory. Advanced performance classes require an audition. Students usually provide their own instruments and concert attire with the exception of Marching Band. The school has a limited inventory of band and orchestral instruments available for loan. Most of the school-owned instruments are the more expensive, unique wind, string, and percussion instruments. Certain approved fees apply in instrumental classes.

Men's Choir
9th, 10th, 11th, 12th

Chamber Choir
10th, 11th, 12th
(Audition only)

Vocal Jazz I/II
10th, 11th, 12th
(Audition/instructor consent)

Women's Choir
9th, 10th, 11th, 12th

Advanced Women's
Choir
10th, 11th, 12th (Audition)

Jazz Ensemble I/II/III
9th, 10th, 11th, 12th
(Audition and instructor consent – see registration guide)

Marching Band
9th, 10th, 11th, 12th
(Instructor Consent)

Concert Band
9th, 10th, 11th, 12th
(Instructor Consent)

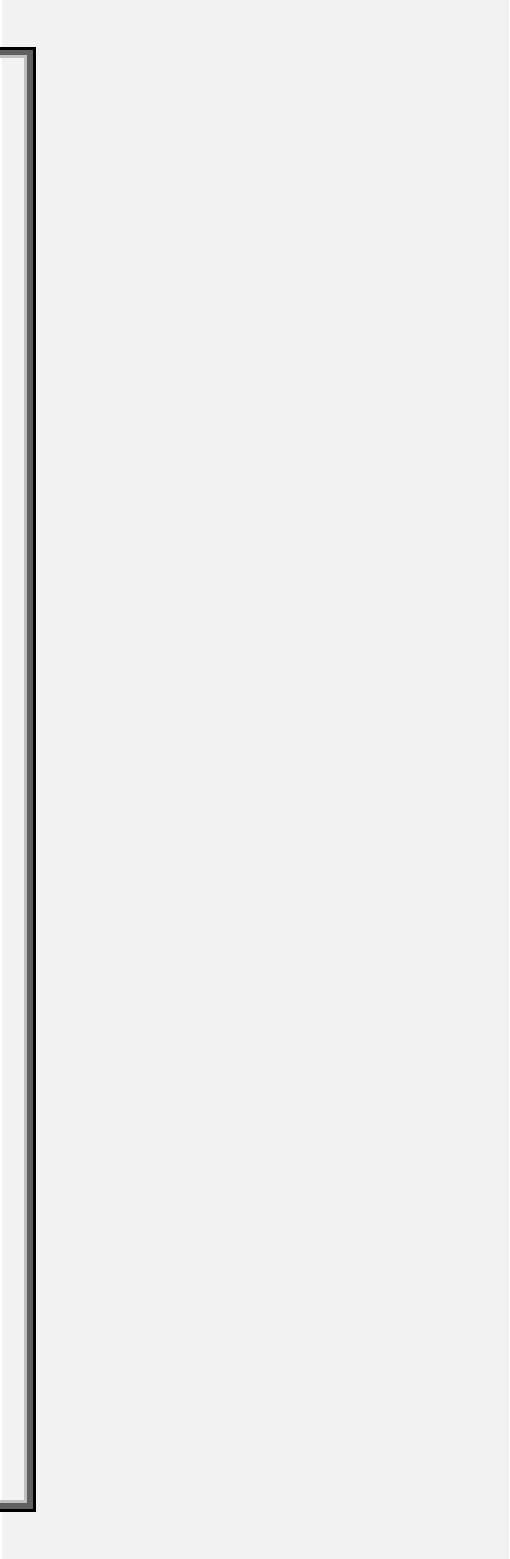
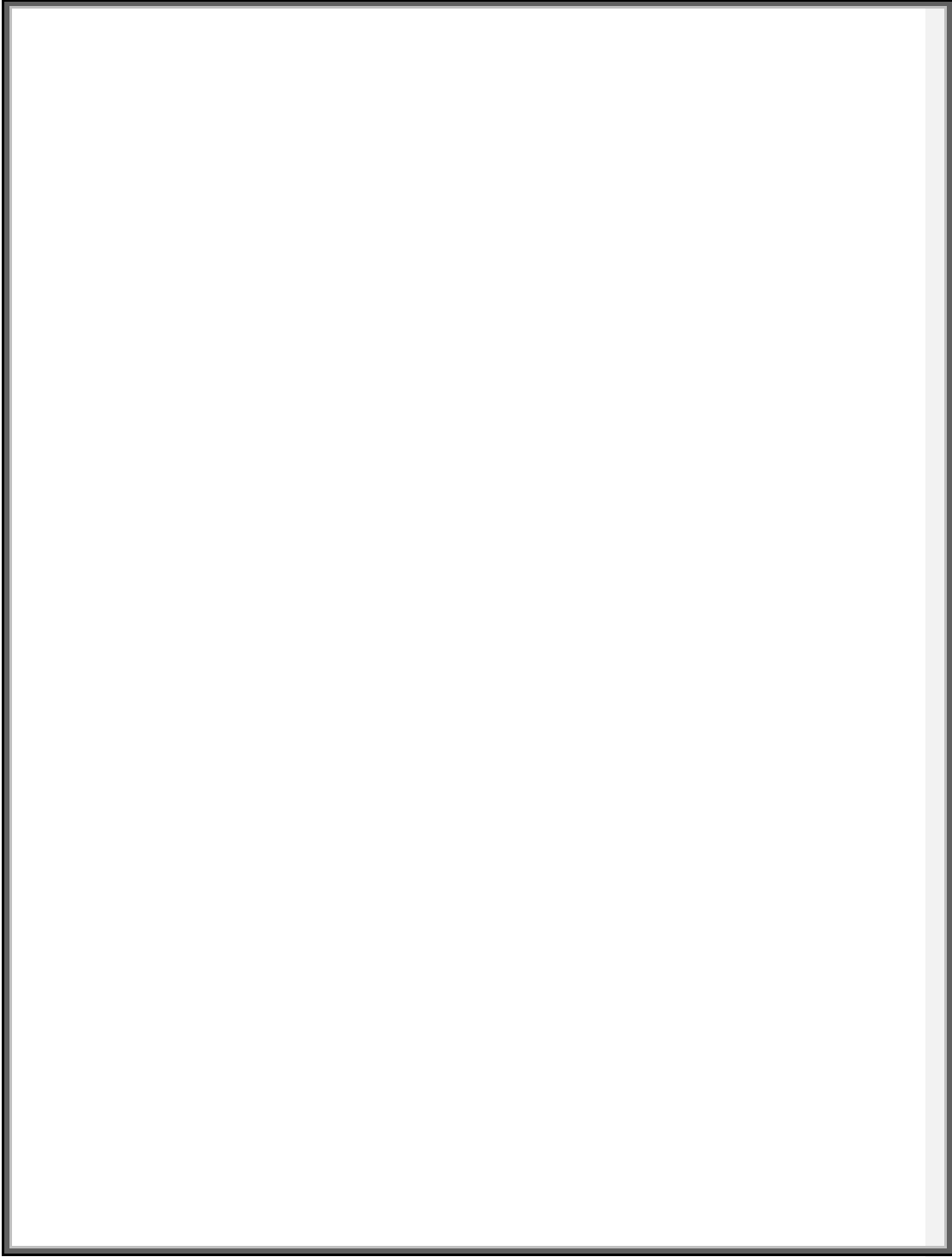
Wind Ensemble
9th, 10th, 11th, 12th
(Audition, prior music
experience and instructor
consent)

Symphonic Band
9th, 10th, 11th, 12th
(Audition, prior music experience
and instructor consent)

Concert Orchestra
9th, 10th, 11th, 12th
(Prior string experience is
required)

Symphonic Orchestra
10th, 11th, 12th
(Audition, prior string
experience and instructor
consent)

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our website at www.horizon.adams12.org/course-guide

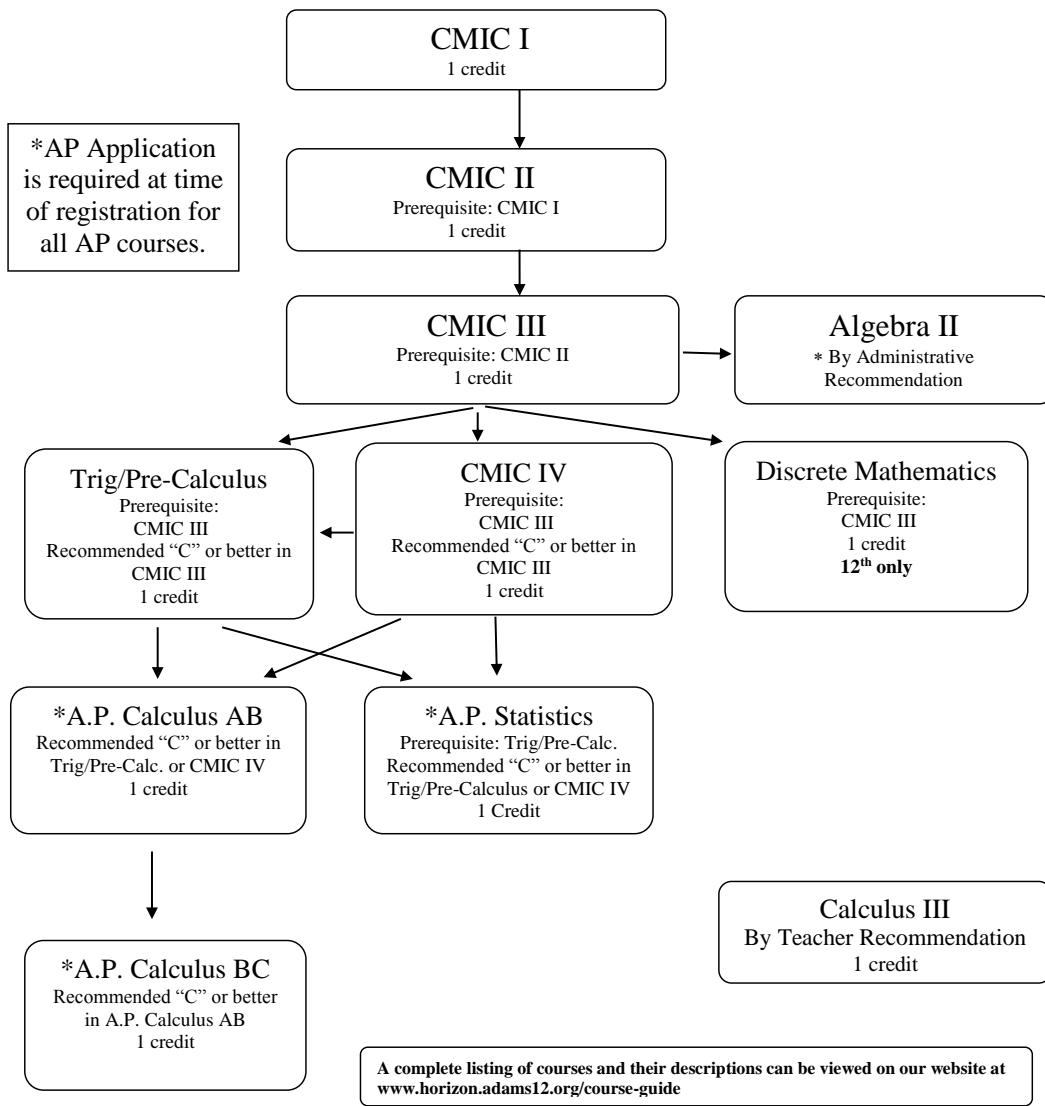


MATHEMATICS

The Math Department offers a variety of courses for the college bound and non-college bound student. Students should be aware that many colleges and universities require four credits for admission. Activities in all math classes include in-class work, homework assignments, problem solving, practical applications, and the use of technology. A TI-83+ or TI-84 calculator is required for all math classes. Some prerequisites may be waived by permission of the instructor. The Math department is dedicated to ensuring that every Horizon student graduates with a strong background in the fundamentals of algebra, geometry, and statistic.

Math courses for all 9th grade students will be assigned based on District and Middle School data.

Please note: Adams 12 Five Star Schools is in the process of updating its high school math courses and is currently piloting new primary resources for math courses beginning in the 2019-20 school year. As such, the courses currently titled Contemporary Math I, II, & III will have different titles next year that fully align to the course updates. Students should register for the appropriate level/course currently listed and schools will move the selection to the appropriate corresponding course once titles have been finalized. All credit earned in previous Contemporary Math classes will continue to count toward graduation and will still be honored by approved post-secondary institutions.



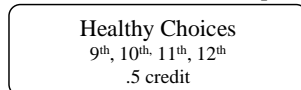
PHYSICAL EDUCATION

The physical education curriculum is designed to provide students with educational activities which emphasize the development of skill proficiency in lifetime sports and offer carry-over value for adult life. Selected curricular activities engage the student in activities which encourage and emphasize the development of desirable social attitudes and both mental and physical fitness.

Introduction to Fitness OR Women's Total Fitness may be used to satisfy the P.E. fitness requirement. (1/2 credit)



Healthy Choices satisfies the P.E. health requirement. (1/2 credit)



All other P.E. classes will satisfy the remaining P.E. requirement. (2 P.E. credits needed total)

Racket Sports
9th, 10th, 11th, 12th - .5 credit

Team Sports I
9th, 10th, 11th, 12th - .5 credit

Team Sports II
9th, 10th, 11th, 12th - .5 credit

Weight Training I
9th, 10th, 11th, 12th - .5 credit

Weight Training II
10th, 11th, 12th - .5 credit ***Pre-requisite-Weight Training I**

CP Anatomy/Physiology – Integrated course- year long singleton
11th, 12th - .5 credit P.E. /.5 credit Science

**Uniform required for all P.E. courses. (Uniform fee required)

*Recreational Sports
12th - 1 credit

*Required fee for course

A complete listing of courses and their descriptions can be viewed on our website at www.horizon.adams12.org/course-guide

SCIENCE

Students are required to earn 3 credits to graduate but are encouraged to take 4 science classes. The various universities in Colorado have different requirements for admissions that you need to research. MOST universities require Chemistry or Physics for admission. *Regarding Biology, Chemistry & Physics; students may not acquire credit for general and CP level classes of the same content. ALL CLASSES ARE 1 CREDIT UNLESS LISTED.*

9th Offerings

10th Offerings

11th Offerings

12th Offerings

(If you have already taken a course as a 10th grader, then that course is no longer available as an 11th or 12th grade offering)

Earth Science
Concurrent enrollment in CMIC II or lower

Earth Science
Concurrent enrollment in CMIC II or lower

Environmental Science
.5 credit

Astronomy
.5 credit
Concurrent enrollment in CMIC III or lower

Physics I
ALGEBRA based
Concurrent enrollment in CMIC III or IV or Algebra I

Chemistry
Completed CMIC I

****Biology**

OR

Physics I
ALGEBRA based
Concurrent enrollment in CMIC III or IV or Algebra I

OR

CP Physics
TRIGONOMETRY based
Completed or concurrent Enrollment in Trig/Pre-Calculus

CP Chemistry
Completed CMIC II

****CP Biology**
Grade level proficiency in Math and ELA

CP Physics
TRIGONOMETRY based
Completed OR concurrent enrollment in Trig/Pre-Calculus

Chemistry
Completed CMIC I

CP Anatomy/Physiology
Completed Chemistry or Biology
.5 credit Science/.5 P.E.

OR

***AP Environmental Science**
Recommended "A" or "B" in Biology and Chemistry or instructor consent

CP Chemistry
Completed CMIC II

***AP Biology**
Recommended "A" or "B" in Biology and Chemistry or instructor consent

***AP Physics**
CALCULUS based
CP Physics and completion of or enrollment in AP Calculus or instructor consent

A complete listing of courses and their descriptions can be viewed on our website at <http://horizon.adams12.org/course-guide>

***AP Chemistry**
Recommended "A" or "B" in CP Chemistry and CMIC IV or Trig-Pre-Calculus or instructor consent

*AP application required at time of registration.

**Refer to Registration Guide for additional details.

Forensic Science
12th ONLY

SOCIAL STUDIES

Three credits of social studies must be earned by all students at Horizon in order to satisfy graduation requirements. Freshmen must enroll in the 9th grade core (Government/Economics & English 9 Lit/Comp OR CP Government/CP Economics & CP English 9 Lit/Comp). Government, if successfully completed, will satisfy the state's Government/Civics requirement for graduation. All sophomores must enroll in the 10th grade core (World History/World Geography & English 10 Lit/Comp OR AP World History & CP English 10 Lit/Comp).

Required for 9thGrade

Required for 10thGrade

Required for 11th Grade

9th Grade Core

Government/Economics
&
English 9 Lit/Comp

10th Grade Core

World History/ World
Geography
&
English 10 Lit/Comp

11th Grade Core

US History
&
Am. Lit/Comp

OR

OR

OR

9th Grade CP Core

CP Government. /
Economics.
&
CP English 9 Lit/Comp

10th Grade CP Core

*AP World History
&
CP English 10 Lit/Comp

11th Grade AP Core

*AP US History
&
AP Language/Comp

12th Grade Options

World Issues
1 credit

Topics in Philosophy
1 credit

Psychology
11th, 12th - .5 credit

Sociology
11th, 12th - .5 credit

*AP Psychology
12th - 1 credit

*AP application
required at time of
registration.

Civics & Constitutional Law
11th, 12th - .5 credit

This class meets the state civics req. for
graduation.

US History I (if not passed in 11th grade)
.5 credit

US History II (if not passed in 11th grade)
.5 credit

A complete listing of courses and their
descriptions can be viewed on our website at
www.horizon.adams12.org/course-guide

WORLD LANGUAGE

All courses in the World Language Department are Fine Arts credit. College-bound students should plan to take a two or three year sequence in the same language. If a student has taken a language in high school, he or she may be exempt from this requirement in college. For students who are not college-bound, language learning is still a beneficial experience. It is our belief that the study of a world language highlights a greater understanding of the world and is a path to open communication among nations.

Level I

Spanish
German
French



Level II

Spanish
German
French



Level III

Spanish
German
French



Level IV

Spanish ~
French
(Level IV German = AP)



*Advanced Placement Language

(AP)

Spanish
German
French

Spanish for Native Speakers

By Teacher recommendation only

~ designated CU
Succeed Course

*AP application
required at time of
registration.

A complete listing of courses and their
descriptions can be viewed on our website at
www.horizon.adams12.org/course-guide

SPECIAL /UNIQUE COURSE OFFERINGS

The following courses are by application only:

*Yearbook
*Journalism
*Student Government
*Positive P.E
SOAR
Adelante
Positive Art

*Applications can be obtained in the Counseling center.

The following courses are by placement only:

Algebra II
ELD Entering I
ELD Emerging I
ELD Developing I
ELD Expanding I
Accelerated Reading
Special Education Courses (placement based on student's IEP)

Can be taken in addition to required 6 credits:

Student Assistant (Contract* between teacher and student must be signed)

*Contracts can be obtained in the Counseling center.

BOLLMAN TECHNICAL EDUCATION CENTER

***The courses listed are included in the overall curriculum.
Classes will be offered if there is sufficient enrollment.***

The Bollman Technical Education Center (BTEC) serves students from Horizon, Legacy, Mountain Range, Northglenn, Thornton, Pathways, and Vantage Point High Schools, as well as District 12 charter schools. BTEC is located at 9451 North Washington Street. District 12 bus transportation is provided for Horizon, Legacy, Mountain Range, Northglenn, and Vantage Point students from their home high schools. It will be necessary for students enrolled in programs at BTEC to have travel time built into their schedules to allow for transportation between schools.

BTEC offers Career and Technical Education programs for students who are seeking technical expertise combined with employability skills and/or certifications. These may be applied while attending a community college, career and technical school, four-year college or university, entering the military, or for entry-level positions beyond high school. With the assistance of their counselor and parents, students should try to determine which career areas they would like to pursue. BTEC offers the following Career and Technical programs:

CAREER AND TECHNICAL COURSE OFFERINGS BY CAREER PATHWAY

HEALTH SCIENCE, CRIMINAL JUSTICE, & PUBLIC SAFETY	STEM, ARTS, DESIGN, & INFORMATION TECHNOLOGY
<i>Medical Sciences I</i>	<i>Principles of Engineering (PLTW®)</i>
<i>Medical Sciences II - CNA</i>	<i>Computer Integrated Manufacturing –CIM (PLTW®)</i>
<i>Medical Sciences II - EMT</i>	<i>Aerospace Engineering (PLTW®)</i>
HOSPITALITY, HUMAN SERVICES, & EDUCATION	<i>Engineering Design & Development - Capstone (PLTW®)</i>
<i>ProStart (Culinary Arts/Business) (Offered at ESC)</i>	<i>Introduction to Computer Science</i>
<i>Teacher Cadet (Introduction to Education)</i>	<i>A.P. Computer Science A</i>
SKILLED TRADES, & TECHNICAL SCIENCES	<i>Cybersecurity</i>
<i>Automotive Technology</i>	<i>Computer Science Projects</i>
<i>Diesel Automotive Technology</i>	<i>Video Production</i>
<i>Construction Trades I</i>	<i>Graphic Design</i>
<i>Carpentry</i>	
<i>Home Improvement & Repair</i>	
<i>Welding Technology</i>	

All Career and Technical Education courses meet the Fine/Practical Arts graduation requirement. These programs are offered free to District 12 students; however, it may be necessary for students to purchase supplies that are beyond the basic program requirements, and all programs have a course fee. Safety is a priority at BTEC, and special clothing may be required for some program areas.

NOTE TO PARENTS:

- Any alcohol, drug, or other substance use violation could be grounds for denial of admission to a program or removal from a program once admitted.
- Excellent attendance is important in all BTEC programs. Five or more unexcused absences may result in a student being placed on an attendance contract. Failure to comply with an attendance contract may result in disenrollment from BTEC.
- Students enrolled in the Medical Sciences II programs will be required to have up-to-date immunizations, a TB vaccination, and a current physical.
- Students enrolled in the Medical Sciences II and Teacher Cadet programs must provide their own transportation to off-site locations for projects, clinical rotations, and observations, or teaching experiences. Transportation is not provided for C N A students after 8th hour second semester.
- It is required that all students who register for a BTEC program attend the pre-acceptance meeting in April.
- Juniors are given priority acceptance into some programs. Sophomores and seniors will be accepted on a "space available" basis.
- College credits are available in many CTE programs. Contact the BTEC registrar or a BTEC counselor for more information.

EXCEPTION TO THE THREE (3) CORE CLASS REQUIREMENT: According to Superintendent Policy 6340 Section 1.4.2, "Exceptions to the three (3) core class (1-1/2 credits) requirement may be made for students at BTEC, providing such students can demonstrate competency in the core areas, and students with special circumstances as approved by the principal or designee."

HIRE EDUCATION (ON-THE-JOB-TRAINING):

Potential Credit Earned: .5 - 1.0 credit per year, up to 2.0 credits total toward graduation

Interested students who are enrolled in a pre-approved Career and Technical Education course (CTE) or who have completed the pre-approved CTE pathway, may choose to participate in HIRE Education (on-the-job-training).

In Hire Ed, students will have the opportunity to apply their classroom knowledge to their job. Students will work with the Hire Ed coordinator throughout the semester. **Students should not enroll in HIRE Education as a separate class on the course registration selection form. The HIRE Education Coordinator will sign students up after courses have begun each semester.**

- Students must work a minimum of 125 documented hours to earn .5 credits.
- Students may ONLY earn .5 credit per semester.
- Students must work a minimum of 250 documented hours to earn 1.0 credit for the entire school year.
- Students cannot earn more than 1.0 credit per school year and may ONLY earn a maximum of .5 credit per semester
- Students may not be enrolled in and/or receive credit for more than one HIRE course at a time.
- Students may not count more than 2.0 HIRE Ed credits towards graduation requirements.
- HIRE Ed credit may not be included in nor does it count toward the 6.0 credit total required yearly for each student

- Students must complete a HIRE Ed. Agreement to enroll.
- A student must pass the CTE course he/she is enrolled in in order to earn HIRE Ed. credit that semester.

SERVICE LEARNING

Service Learning Credit can be awarded to students that complete 60 hours of unpaid approved volunteer experience within a semester. Students need to submit the Student Volunteer Time Sheet and Work Ethics Evaluation Form completed by a supervisor from the approved volunteer company and/or organization. Hours will be verified before credit is awarded. Students must be enrolled and in good standing in a CTE program at BTEC the semester the Service Learning hours are completed and credit is awarded. Students may earn a maximum of .5 Service Learning Credit per semester. Students may not transcript more than 2.0 Service Learning credits total.

CAREERREADY COLORADO CERTIFICATE

Students enrolled in a BTEC program have the opportunity to train and test for the CareerReady Colorado Certificate developed by ACT Work Keys. Students who complete the training and testing at the Silver Level or higher will receive .5 elective credit. This certificate verifies workplace competencies in three areas: Reading for Information, Applied Mathematics, and Locating Information. The HIRE Education Coordinator facilitates training and testing. A test fee may apply.

ARTICULATION AGREEMENTS

Articulation Agreements have been established for most programs and continue to be maintained between BTEC, community colleges, 4-year colleges, and private post-secondary institutions. This allows students the opportunity to earn college credit(s). Please contact the registrar at 720-972-5827 or a counselor at 720-972-5834, or visit our website at bollmantech.adams12.org for more information or program specific questions about Articulation Agreements.

CONCURRENT ENROLLMENT

Concurrent Enrollment is designed to improve coordination between secondary and post-secondary institutions to create a seamless pathway for students to transition from one level to the next. A student is simultaneously enrolled in BTEC and an institute of higher level education. Not all programs will be eligible for Concurrent Enrollment for the 2019-2020 school year. Please contact the registrar at 720-972-5827 or a counselor at 720-972-5834, or visit our website at bollmantech.adams12.org for more information or program specific questions about Concurrent Enrollment.

ACADEMIC COURSE OFFERINGS

The Bollman Technical Education Center offers the following academic courses. Students **must** be enrolled in a BTEC career and technical program to be eligible for enrollment in BTEC academic courses.

English 11 - American Lit/Comp	English 12 - Lit/Comp
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(BTEC English courses meet district graduation requirements)