

# **SHERIDAN HIGH SCHOOL**

## **2013-2014 Academic Course Handbook**

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## **SHERIDAN HIGH SCHOOL**

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## SHERIDAN HIGH SCHOOL GRADUATION REQUIREMENTS

Graduation requirements are established by the Board of Education to conform to the criteria of the Colorado Department of Education. Students must complete eight semesters of full-time attendance during their freshman, sophomore, junior, and senior years in order to graduate.

Students may graduate from Sheridan High School by meeting the requirements for one of the diploma types listed below. Each type of diploma has a unique focus, as reflected in the semester-hour requirements:

### Class of 2014 and Forward

<u>Sheridan</u>	<u>Advanced Sheridan College Classes, and/or Career and Technical Education (CTE) Emphasis</u>	<u>21<sup>st</sup> Century Minimum <b>one (two?)</b> year of college or CTE coursework</u>
40 English 30 Social Studies <i>For all diplomas, the study of government as part of social studies is a state mandated requirement</i>  40 Math . 30 Science (20 lab based) 10 P.E. 5 Health <i>For all diplomas, successful completion of Marching Band may count toward Physical Education credits.</i> 20 Applied Arts* 20 Academic Electives** 35 Electives <b>Total: 230 Credits</b> <i>For all diplomas, 10 hours of service learning each year culminating in 40 hours of community service by the end of senior year.</i>	40 English 30 Social Studies  40 Math 30 Science (20 lab based) 10 P.E. 5 Health  20 Applied Arts* 20 Academic Electives** 45 Electives <b>Total: 240 Credits</b>  Three years of Honors classes <b>OR</b> 2 college classes at 101 level or above <b>OR</b> Two years of one Career and Tech Ed Program *Applied Arts includes fine arts, industrial arts, technology applications. **Academic Electives include fine arts, world language, technology applications, computer technology, college courses, etc.	40 English 30 Social Studies  40 Math 30 Science (20 lab based) 10 P.E. 5 Health  20 Applied Arts* 20 Academic Electives** 35 Electives <b>Total: 230 Credits</b>  100 Additional Electives <b>Total: 330 Credits</b>  *Applied Arts includes fine arts, industrial arts, technology applications. **Academic Electives include fine arts, world language, technology applications, computer technology, college courses, etc.

**Most four-year colleges require at least two years of the same world language.**

## HONORS DIPLOMA OPTIONS

Sheridan High School students may receive a special “Honors Graduate” diploma. A label appears on the diploma and permanent record so that colleges and universities, trade and vocational schools and employers are aware of this special honor. A student who meets the criteria from at least one of the following methods is eligible to be an Honors Graduate:

<b>Full Honors</b>	<b>Career and Tech</b>	<b>STEM (Science, Technology, Engineering, Math)</b>	<b>Arts and Humanities</b>
270 credit hours Cumulative grade point average (GPA) of 3.250 or higher	270 credit hours Cumulative GPA of 3.250 or higher	280 credit hours Cumulative GPA of 3.250 or higher	280 credit hours Cumulative GPA of 3.250 or higher
2 years (20 credits) of foreign language 4 years (40 credits) of science	3 years (30 credits) of science 4 years (40 credits) of math,	4 years (40 credits) of science 4 years (40 credits) of Applied Arts which may include computer technology and industrial technology classes	4 years (40 credits) of social studies 4 years (40 credits) of Fine Arts
4 years (40 credits) of math	Completion of a 2-year career and tech education program (Health Sciences Technology, Building Trades, Graphic Design, Digital Photo, Small Engine Tech, Auto Tech/College Auto, or Criminal Justice)		
Honors English III College English			

Students who earn a 3.250 GPA or above by the end of the first semester of their senior year may receive an application for Graduation with Honors and can be listed as a candidate for Graduation with Honors on the Commencement Program. By the end of the second semester of their senior year, students must have continued to maintain a 3.250 GPA.

**Please Note the following Grade Point Average (GPA) distinctions:**

**3.850 GPA and above = Graduation with Highest Honors**

**3.500 GPA – 3.849 = Graduation with High Honors**

**3.250 GPA – 3.499 = Graduation with Honors**

A maximum of 20 hours of the following CTE class credit can be used to meet the science requirement for graduation with honors: Health Sciences Technology, or Auto Technology. Students who wish to graduate with honors need to be sure they have met with their counselor and that their wishes are reflected in their Individual Career and Academic Plan (ICAP). \*Please note that in some cases, semester hours earned from student aid programs or from employment experience will not be counted in the 270 or 280 semester hours required for graduation with honors.

## Higher Education Admission Requirements

Students planning to attend a public four-year college or university in Colorado will need to complete the following classes in order to fulfill the Higher Education Admission Requirements.

Meeting the Higher Education Admissions Requirements does not guarantee admission to a four-year public institution. Colleges and universities may have additional requirements.

<b>Academic Area</b>	<b>Years</b>
English	4 years
Mathematics (Must include Algebra I, Geometry, Algebra II or equivalents)	4 years
Natural/Physical Sciences (two units must be lab-based)	3 years
Social Sciences (at least one unit of U.S. or world history)	3 years
Foreign Language	1 year*
Academic Electives	2 years

\*Most four-year colleges require at least two years of the same foreign language.

## GENERAL REQUIREMENTS

For all diplomas, eight semesters of attendance are required, except in cases of early release. The specific course requirements stated herein are mandated by the Sheridan School District Board of Education. Counselors are available to help students with course selection; however, *it is the student's responsibility to make sure all requirements are fulfilled.*

Please note that in some cases, semester hours earned from the service areas (tutoring, office and secretarial aides, library assistants, audiovisual assistants, laboratory and teaching assistants, and the like) or from employment experience may not be counted towards graduation requirements.

Students entering Sheridan High School from other districts should meet the stated Sheridan graduation requirements; however, if they enter Sheridan after the beginning of the second semester of the senior year and meet the graduation requirements of the last school attended, they should earn a diploma from that institution. Sheridan High School credits will be transferred to the previous school to earn a diploma from that institution. Seniors transferring to Sheridan after the second semester of the senior year begins must seek the principal's approval to receive a Sheridan High School diploma.

In the best interest of the social and intellectual well-being of each pupil, the number of courses and activities taken each year shall be determined by individual needs and capacities. **All freshmen, sophomores, and juniors are required to take a full schedule (7 classes). Seniors may have one open period provided their graduation credits are on track and the student is on grade level.** Any additions beyond a full schedule must be approved by the appropriate instructor or guidance counselor, with final approval of the building principal. Furthermore, the administration is authorized to waive specific graduation requirements as deemed educationally sound in the cases of transfer, hardship, and special needs students.

In addition to those courses that are required, Sheridan High School offers courses students may elect to study. It is the responsibility of the administration to designate which courses offered in the general curriculum may be used to satisfy specific graduation requirements.

Ten of the 20 hours per year earned in the Career and Technical area of Auto Technology may be applied to meet the science graduation requirement. A maximum 20 of the 25 or 50 hours earned in Health Sciences Technology (25 per year) may be used as science credit for graduation. A maximum of 20 hours of Criminal Justice may be used for social studies credit, and a maximum of 10 hours of Teacher Cadet may be used for English credit.\*\*Does this need to be here or should it just be under course descriptions for CTE?

The requirements for physical education will be waived for a student who presents a doctor's exemption certificate or (by signature of parent or guardian) is identified as religiously opposed to the program. Such statements are part of the permanent cumulative record of each student.

Students, who participate in marching band and successfully meet class requirements, may substitute the fine arts and/or elective credit for physical education credit.

All senior students must complete and submit an acceptable letter of intent and participate in a "mock" interview experience to graduate. ??? English class? Take out?

***A student will not be allowed to participate in senior graduation activities (including commencement exercises) and the diploma will be held until all graduation requirements have been successfully completed.***

In cases of special need and unusual circumstances, a student may be released from the eighth semester of attendance, provided that sound guidance procedures have been followed and permission is granted by the principal. Such procedures are to include application in writing to the principal and be included in the student's Individual Career and Academic Plan (ICAP). To be considered for early release, a student must have met all graduation requirements other than the eight semesters of attendance and make notification of the intent for early release in May of junior year after receiving second



semester grades. A minimum of seven semesters of attendance is required for a student to be considered for early release. The principal will notify the student or parent/guardian of the decision.

A disabled student who has completed a four year individual educational program (IEP), (grades 9-12,) but who has not demonstrated the proficiencies required for a standard program diploma may receive a completion program diploma in accordance with the Individuals with Disabilities Education Act (IDEA.) This decision is made on an individual basis in strict accordance with Board Policy by the IEP team, school principal, school counselor and Director of Special Education.

### **SHERIDAN HIGH SCHOOL ATTENDANCE POLICY**

At SHS Attendance is a requirement to receive credit in all classes. SHS students can lose credit through an accumulation of absences and tardy absences.

**1. *What do I need to do if I am going to be absent from school?*** If you are going to be out of school for a full day, please have a parent/guardian call the Attendance Office at 720.833.6825. If a call is not made to the attendance line, a note must be presented to the Attendance Office upon returning to school.

**2. *What happens if I forget/fail to bring in a note or have my parent/guardian call the attendance line?*** By policy, if we are not notified of a student's absence within 48 hours, the absence will be classified as unexcused.

**3. *What is the difference between the value of an unexcused and excused absence?***

Excused absences = 1 absence toward loss of credit in a course      Unexcused absences = 2 absences toward loss of credit in a course

**4. *What does it mean if I lose credit in a course?***

In a full year course students are allowed twenty absences before they lose credit. For a semester course, students need to accumulate 10 absences. Credit for the course is not counted toward graduation and the student must take the course again if it is required, or make up the additional credit to meet the graduation requirements.

You can lose credit through an accumulation of absences, tardy absences (more than five minutes late) and/or tardies (up to five minutes late) to class. Tardy absence (.50 absence) and tardies (.25 absence) can add up!

**5. *What happens if I am tardy absent, tardy or cut a class?*** A tardy absent = .50 absence toward a loss of credit for the course. An unexcused tardy = .25 absence toward a loss of credit for the course. Arriving up to five minutes late to class without an appropriate excuse is considered an unexcused tardy. If a student fails to show up for a class without an appropriate excuse it is considered a cut/unexcused absence. Unexcused absences = two (2) absences toward the loss of credit in a course.

**6. *Who do I talk to if I have a concern about an absence, tardy, or tardy absence in a class?*** Your classroom teacher, counselor, or attendance clerk are your starting points. The attendance clerk is responsible for student's daily attendance matters.

**7. *What do I do if I have a long-term illness?*** Any long-term illness should be documented with a copy of a physician's note. Please forward the note to the attendance clerk.

**8. *Where and how will I be notified about my attendance history?*** It is the student's responsibility to keep track of his absences. Every two weeks an attendance and grade summary will be given to the student during Advisory period to take home. Immediately contact the attendance clerk if you have questions about your attendance record. The Parent Portal can also be accessed to review your student's attendance history.

**9. *How and when will I be notified if I lost credit in a class?*** When you reach the halfway mark to losing credit in a course, an excessive absence letter is generated and sent home. The attendance officer will also be meeting with you to review your attendance history. When you reach the maximum allowable absences for a course, a loss of credit letter is generated and sent home. Students are expected to continue to attend class and complete class work, which will help make the case for the appeal. Your counselor or the attendance officer will then meet with you to fill out required paper work and explain the appeals process to you.

**10. *What is the appeals process and how does it work?*** If a student loses credit in a course, they are provided an opportunity to present the reasons for losing credit to a three-member faculty appeals board. The board convenes after each semester and will review each student's appeal on a case-by-case basis. You must sign up for the appeals process in the Assistant Principals' Office. Notices are posted which outline the deadline to sign up for the process, the day appeals will be heard for your class, and the location of the room for appeals. If you sign up to appeal loss of credit, and do not show for your hearing, your appeal is automatically denied. Your appeal will be heard on a "first to sign up, first to be heard basis". Appeals for full year courses are heard during the May appeals session only.

## **GRADE CLASSIFICATION**

**10<sup>th</sup> grade** – For 10<sup>th</sup> grade classification, a student must have earned at least 30 credits in the core subjects (English, math, social studies, science) and accumulated 55 credits or more

**11<sup>th</sup> grade** – For 11<sup>th</sup> grade classification, a student must have earned at least 65 credits in the core subjects (English, math, social studies, science) and accumulated 110 credits or more

**12<sup>th</sup> grade** - To be classified as a 12<sup>th</sup> grade student, the student must have accumulated enough credits after the junior year to be eligible to graduate by the end of the senior year

## **HONOR ROLLS AND CLASS RANKING**

Honor Rolls are based on a student's semester grade point average, as follows:

Principal's Honor Roll	4.00 – 5.00
Sheridan Honor Roll	3.50 – 3.99
Rams Honor Roll	3.00 – 3.49

## **VALEDICTORIAN AND SALUTATORIAN**

The selection of valedictorian and salutatorian of the graduating class is based on the seventh semester cumulative GPA. The eighth semester cumulative GPA will be posted on final student transcripts. To be eligible for the honor of valedictorian or salutatorian, a student must be in attendance at Sheridan High School no later than September 15 of the junior year and must take classes and attend Sheridan a minimum of four semesters.

## **EARLY GRADUATION REQUESTS**

Early graduation is not to be considered a general policy, but may be granted when special and unusual circumstances warrant consideration. Requests will be considered only when careful planning and reasoning have transpired. Circumstances such as special schools, special job opportunities, or early college entrance could be significant factors when the principal considers a request for a student's early graduation. Also see early graduation information provided under Graduation Requirements.

The following conditions must be met before consideration for early release:

- The desire to graduate early must be reflected in the student's Individual Career and Academic Plan (ICAP) by the beginning of the student's junior year.
- A request must be submitted in writing after grades have been received following the successful completion of the junior year. The request should be addressed and presented to the principal.
- The request must be initiated and signed by the student and parent or guardian (unless the student is eighteen years of age or older).
- Procedural tasks, interviews, and declarations are the responsibility of the student and parent/guardian.
- Participation in school functions other than the Sheridan Junior-Senior Prom and graduation exercises is not permissible by students granted early graduation.
- Eligibility for early graduation will be granted only when the student has met all graduation requirements as prescribed by the Board of Education.
- Seniors must have a cumulative GPA of 3.50 to eligible for early graduation.

## **TRANSFER STUDENT POLICY**

The transcripts of transfer students will be evaluated to avoid academic hardship created by different school requirements. Credits are accepted upon verification of an official transcript. The student must provide an official transcript no later than thirty (30) calendar days after enrollment. A student can be removed from Sheridan High School if official transcripts are not received within that thirty-day grace period. A student must be in attendance at Sheridan High School by second semester of the senior year in order to qualify for a Sheridan High School diploma. Students transferring to Sheridan High School after the last semester of their senior year begins will be permitted to take subjects that will fulfill the necessary requirements for graduation at the school from which they were transferred rather than Sheridan High School. Seniors transferring to Sheridan after the second semester of the senior year begins must seek the principal's approval to receive a Sheridan High School diploma. **Students will not be allowed to participate in senior graduation activities including commencement exercises unless ALL graduation requirements have been satisfied.**

## **SCHEDULES AND GRADES**

Students are cautioned during registration that they must select their courses wisely because the master schedule is built on this basis, and students will not be allowed to deviate from those choices at a later time. **Careful thought** should be given to course selections. Concerns regarding course selection changes should be discussed with the appropriate counselor before the student leaves for summer break.

## **SCHEDULE CHANGES**

When a schedule change is considered, the priority will be the educational program of the student. With this objective in mind, schedule changes will be made using the following guidelines:

Schedule changes will be considered for the following reasons:

- Errors in scheduling
- Addition or deletion of an extra class
- Failure of a previous class and/or needing a prerequisite class
- Needing a class to meet graduation requirements (seniors only)
- Recommendations by teacher(s), counselor, principal and/or career/tech director

The process for schedule changes includes:

- Completing the drop/add form found in the guidance office.

- Appointment with counselor  
*Exceptions can be made only by the principal.*

A student wishing to change his or her schedule must consult with his or her counselor and changes must be completed no later than one week after the start of the semester.

## **GRADE REPORTING**

Students will receive a grade progress report four times each year – at the end of each quarter, and at the end of each semester. Only the semester grade is listed on the transcripts, and only this grade affects the GPA. Pass/Fail grades do not factor into a student’s GPA. Students are urged to consult with their teachers to resolve any questions about their progress in a particular course.

## **FEES**

Fees may apply to some courses and are set by the Sheridan Board of Education, the superintendent, and/or the Sheridan High School principal. Fees are subject to change.

## **GUIDANCE AND COUNSELING**

Guidance and counseling services are available to all students and parents. The major service areas are career and college information and guidance; academic and vocational counseling; social/emotional and crises counseling; and test interpretation. Counselors are able to provide referrals for long term counseling.

Students may see a counselor by appointment or on a drop in basis from 7:30 A.M. to 3:30 P.M. In the event of an emergency, students should contact the nearest faculty member for immediate attention. Parents may also call for an appointment by phoning 720-833-6767.

## **CREDIT RECOVERY**

If a student needs to repeat a course for credit for any reason, the student should immediately contact his or her counselor to be enrolled in credit recovery courses. This computer based credit recovery program is designed to give students the opportunity to recover credit needed for graduation or to move on to the next level of instruction.

## HIGH SCHOOL CREDIT BEFORE NINTH GRADE

- Students who take high-school level course work in middle school or during the summer between the eighth grade and ninth grade will be granted high school credit if the student satisfactorily completes the course. Students should check with the high school principal or counselor before enrolling in the class to ensure credit can be awarded. The letter grade the student receives plus the amount of credit received will be added to the transcript for the ninth grade year and will be computed in the cumulative grade point average.
- Courses that qualify for high school credit as they correspond to those in the Sheridan High School Academic Guidelines may include math, English, science, social studies, Spanish, information processing and the arts.
- Students who take remedial work during the summer between the eighth grade and ninth grade will NOT be granted high school credit. In addition, students who must take classes to receive promotion to the ninth grade will NOT be allowed to count such courses and credits to fulfill requirements for graduation. These courses and credits will not appear on the high school transcript.

## NCAA ATHLETIC ELIGIBILITY

All college athletic programs are regulated by the National Collegiate Athletic Association (NCAA). A student who plans to enroll in college as a freshman and plans to participate in Division I or Division II athletics **must be certified** by the NCAA Initial-Eligibility Clearinghouse. Students and parents are responsible for following the guidelines and procedures for the current year. The counselors and the athletic director at the high school are available to explain the process and answer questions. Please feel free to contact Ms. Henehan at 720-833-6752, or Ms. Kofoed at 720-833-6784. Forms for application for NCAA eligibility are available on the web at [www.ncaa.org](http://www.ncaa.org).

### **Follow These Tips:**

- **Register** with the NCAA Eligibility Center (at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)) at the beginning of your **junior year**.
- Complete the registration process. Answer all questions as truthfully as possible. Incomplete or incorrectly reported information can jeopardize your eligibility status.
- Send your transcripts to the Eligibility Center! How? Request for your high school guidance counselor to send your transcripts at the end of your junior year and immediately following high school graduation.
- Send your test scores! How?
- Request a final certification! Log back in during your senior year and update any new information
- Request final amateurism certification.  
\*Beginning April 1 for fall enrollees and beginning October 1 for spring enrollees.
- Graduate “on time” from high school in eight semesters (four years). This is a requirement if you want to participate in NCAA Division I athletics.
- Ask your high school’s guidance department to update its NCAA List of Approved Core Courses. Please see the list of core course requirements.

Remember to enter “9999” code when registering for the SAT or ACT.

<p><b>Division I</b>  (16 Core Courses)  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 non-doctrinal religion/philosophy).</p>	<p><b>Division II</b>  (14 Core Courses)-(ends Fall of 2012)  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 non-doctrinal religion/philosophy).</p>
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**The current courses that are approved at Sheridan High Schools for NCAA eligibility are as follows:**

<b>ENGLISH</b>	<b>SOCIAL STUDIES</b>	<b>MATH</b>
Title	Title	Title
COLLEGE ENGLISH COMPOSITION/ACC	AMERICAN GOVERNMENT	ALGEBRA 1
ENGLISH 1	AMERICAN HISTORY/ACC	ALGEBRA 1/GEOMETRY/ INT MATH 1
ENGLISH 1/H	ANTHROPOLOGY/ACC	ALGEBRA 1/GEOMETRY/ INT MATH 1/H
ENGLISH 2	ECONOMICS	ALGEBRA 2/H
ENGLISH 2/H	CRITICAL THINKING SKILLS	ALGEBRA 2
ENGLISH 3	GEOGRAPHY	CALCULUS II/ACC
ENGLISH 3/H	GEOGRAPHY/ACC	CALCULUS/ACC
ENGLISH 4	GEOGRAPHY/H	COLLEGE ALGEBRA
ENGLISH 4/AP	C U PSYCHOLOGY 101	GEOMETRY
ENGLISH I/ACC	C U PSYCHOLOGY 102	GEOMETRY 1
ENGLISH II/ACC		GEOMETRY 2/ALG 2/ TRIG INT MATH 3
FORENSICS	POLITICAL SCIENCE/ACC	GEOMETRY 2/ALG 2/ TRIG INT MATH 3/H
<b>ENGLISH (CON'T)</b>	PSYCHOLOGY/SOCIOLOGY	GEOMETRY/ALG 2 INT MATH 2
LITERATURE/ACC	<b>SOCIAL STUDIES (CON'T)</b>	<b>MATH (CON'T)</b>
	SOCIOLOGY/ACC	GEOMETRY/ALG 2 INT MATH 2/H
		GEOMETRY/H
SPEECH	US HISTORY	INTERM ALGEBRA/ACC
SPEECH/ACC	US HISTORY/H	STATISTICS/ACC
SUMMER SCHOOL ENGLISH I/ACC	WESTERN CIVILIZATION I/ACC	SUMMER SCH MATH

	WORLD HISTORY	TRIGONOMETRY/ACC
	WORLD HISTORY/H	TRIGONOMETRY/PRE-CALC
		TRIG/PRE-CALCULUS/H
<b>NATURAL/PHYSICAL SCIENCE</b>		<b>ADDT'L CORE COURSES</b>
Title	Lab	
ANATOMY & PHYSIOLOGY/ACC		<b>IMPORTANT NOTE:</b> Computer science courses cannot be used to fulfill core course requirements for student-athletes first entering a collegiate institution on or after August 1, 2005.
ASTRONOMY/ACC		
BIOLOGY/ACC	X	
BIOLOGY/ADV	X	
CHEMISTRY	X	
<b>EARTH SCIENCE</b>		
GENERAL BIOLOGY		
HUMAN ANATOMY/ACC		
PHYSICAL SCIENCE		SPANISH 1
PHYSICS	X	SPANISH 2
PHYSICS/ACC	X	SPANISH 3
PRINCIPLES OF PHYSICS		SPANISH 4

## **POST-SECONDARY READINESS OPTIONS**

### **PRE-COLLEGIATE PROGRAMS**

Programs such as Upward Bound and TRiO are educational pre-collegiate programs for selected students from Sheridan High School.

The mission is to prepare and help motivate students with potential for success in post-secondary education. These programs provide academic, personal, and college prep advising, instructional tutoring and support.

### **CONCURRENT ENROLLMENT PROGRAM**

The program, Concurrent Enrollment Options, gives high school students the opportunity to take college courses while in high school and receive both high school and college credit. In most cases, the tuition for these classes can be paid by the school district.

#### **The following are conditions of this program:**

1. The student may take one or two courses per semester. The student is expected to pay the tuition and be reimbursed by the school district unless paying the tuition at the time of registration would create a financial hardship for the parents and/or the student. The student may enroll in more than two courses with permission from



- the district; the cost of tuition for courses above two may need to be paid by the student and/or parents.
2. These courses must be taken during the regular school year. **The district will not pay for classes taken during the summer.**
  3. The courses must be at a higher academic level than those available at the high school. The high school may also permit students to take classes when the school feels the student may be in need of a different environment.
  4. The student must notify the Sheridan School District in writing 60 days before the start of the semester of the college he/she wants to attend. The student should submit the application to the high school counselor or principal. The student must meet with their counselor and develop/update their Individual Career and Academic Plan (ICAP).
  5. The courses shall count for credit toward the student's graduation requirements. The school district will determine if the courses requested will meet those requirements.
  6. The school district is responsible for tuition costs only. All other applicable fees, including the cost of textbooks, are the responsibility of the student. Course fees are set by the college and vary by semester. The student and/or the parents must pay the fees in a timely manner or the college may drop the student from the course. This fee is payable at student check in.
  7. If the student voluntarily drops a course without consent of the principal of the high school, fails to attend regularly, or fails the course, the student and/or the parent or guardian shall reimburse the school district for the amount of tuition and/or fees paid by the school district.
  8. The student is responsible to provide and pay for transportation to the college.

## **21<sup>st</sup> CENTURY PROGRAM**

- The 21<sup>st</sup> Century Diploma Program is an opportunity to remain enrolled at Sheridan High School as a 12<sup>th</sup> grade student once graduation requirements are completed for the purpose of taking additional classes to be better prepared to enter the work force or to attend college.
- You must qualify to receive the Standard Diploma.
- As a participant of the 21<sup>st</sup> Century Diploma Program you remain enrolled at Sheridan High School and take classes at the college, at the career and technical school, the high school, or a combination of the above.
- To qualify for the program, you must have:
  - met with your counselor to develop/update your Individual Career and Academic Plan (ICAP)
  - a cumulative GPA of at least 2.0 and
  - the following ACT or Accuplacer scores:
    - ACT: 16 English, 16 Math, 15 Reading
    - Accuplacer: 40 Reading, 50 Sentence Skills, 25 Math

- You must earn a total of 320 credits at the time you graduate with a 21<sup>st</sup> Century Diploma. The credits that you earned while enrolled in the 21<sup>st</sup> Century program are added to those credits you earned during the time you were in high school.
- The specific courses a student takes to meet the requirements of the 21<sup>st</sup> Century Diploma depend on the student and the program the student chooses to pursue.
- When you choose to pursue the 21<sup>st</sup> Century Diploma Program, you receive a Certificate of Continuation at graduation. If you complete the requirements for the 21<sup>st</sup> Century Diploma, you receive the diploma for that year as well as any degree or certificate you earned from the college.
- The school pays for tuition and fees for classes taken under this program as long as the grade was a C or higher. If students receive a D, F, W/F, Inc, IP, U or Audit they must reimburse the school for the cost of tuition and fees.
- Enroll in a minimum of 10 credit hours for incoming/new students and 9 credit hours for continuing students. Student will be placed on probation at the end of their first semester if they have not completed 67% of their attempted courses with a 2.0 grade point average (GPA) or higher. A student is no longer eligible to continue for a second year (third semester) in the 21<sup>st</sup> Century Diploma program if they have not completed 67% of attempted credit hours with a 2.0 GPA or higher.
- Students must pay for books.

## **ASCENT PROGRAM**

### **Overview**

The ASCENT Program is a partnership between Sheridan School District 2 and Metropolitan State University (MSU Denver) to provide eligible students the opportunity to take a full year of college course work at MSU Denver immediately following their senior year of high school. Students who choose to participate in the “5<sup>th</sup> Year” ASCENT Program will remain enrolled as a full-time student in Sheridan High School, and Sheridan School District will pay a share of the student’s tuition at the current Community College of Denver tuition rate.

### **Eligibility Requirements**

To participate in the ASCENT Program, students must meet the following minimum eligibility requirements:

- Meet Sheridan High School Graduation Requirements
- Achieve a minimum 2.5 cumulative GPA (Grade Point Average)
- Be under 21 years of age
- Complete 12 credit hours of college (concurrent enrollment) coursework before the end of senior year
- Meet with their School Counselor and the Extended Learning Coordinator to develop/update student’s Individual Career and Academic Plan (ICAP)

**Eligible students may participate in the ASCENT program for one (1) academic year.**

**Test Scores**

*All students planning to participate in the ASCENT Program must take the ACT, SAT, and/or Accuplacer and submit their scores to MSU Denver by the application deadline. All students participating in the ASCENT Program must meet minimum score requirements before enrolling at MSU Denver.*

	<b>SAT Minimum Score</b>	<b>ACT Minimum Score</b>	<b>Accuplacer Minimum Score</b>
<b>English</b>	440+	18+	95+
<b>Reading</b>	430+	17+	80+
<b>Math</b>	460+	19+	85+

*Students who do not meet minimum score requirements must retake the Accuplacer. Sheridan High School/SOAR Academy will provide students who do not meet minimum requirements a no cost, online test prep course designed to help the student improve his/her academic skills and his/her scores on the Accuplacer test.*

**College Credit & Concurrent Enrollment**

To participate in the ASCENT Program, students must earn 12 hours of college credit before the end of their senior year of high school. Only college-level course work (100 level and above) will qualify as part of the 12 credit hours. Students may earn college credit through a variety of concurrent enrollment opportunities offered by Sheridan High School and Arapahoe Community College.

*For more information about concurrent enrollment, please contact your school counselor – Mrs. Henahan or Mrs. Kofoed.*

**Tuition and Fees**

Students who are enrolled in the ASCENT Program will receive a portion of their tuition from Sheridan School District, paid directly to MSU Denver, at the current Community College of Denver tuition rate. The difference between the Community College of Denver tuition rate and Metropolitan State University tuition will be charged to the student. Students will also be responsible for fees, books, and any additional costs of attending MSU Denver.

# **SHERIDAN HIGH SCHOOL COURSE** **SELECTION**

## **LANGUAGE ARTS**

All students are required to take four years of English.

### **ENGLISH 1** (10 credits, Required 9<sup>th</sup> Grade)

This is an introductory course required for all freshmen. Building on their previous preparation in middle school, students will:

- Develop knowledge of literary terms and devices
- Begin using a research process to develop essays and projects
- Read and analyze a variety of forms and genres of literature, including short stories, drama, novels, poetry, and nonfiction
- Participate in a variety of high-level activities designed to develop understanding of literature and skills as an academic and creative writer
- Perform various kinds of writings including essays, literary analysis, speeches, poetry, and short stories
- Develop their ability to become a mechanically sound writer through grammar activities and proofreading
- Develop a strong, working vocabulary
- Meet all standards and participate in all assigned assessments.

### **ACCELERATED ENGLISH 1X** (10 credits, 9<sup>th</sup> Grade)

This is an introductory course for freshmen who are college bound. In addition to above, higher level reading and writing are required. Failure to perform at a proficient level or above on a consistent basis may result in withdrawal from the class.

### **ENGLISH 2** (10 credits, Required Course 10<sup>th</sup> Grade)

Prerequisite: Passing grade in English I

This is an American literature course for all sophomores. The student will:

- Study and critically analyze American literature, including novels, short stories, drama, nonfiction, and poetry
- Read for improvement by studying literary techniques and expanding vocabulary
- Master the use of simple, compound and complex sentences in writings
- Write for technical purposes as well as a variety of literary forms modeled after the patterns studied in literature including poetry, narratives, biography, autobiography, and essay patterns
- Develop their reading and writing vocabulary
- Further their knowledge of literary terms and devices
- Demonstrate the research process in projects and essays.

**ACCELERATED ENGLISH 2 X** (10 credits, 10<sup>th</sup> Grade)

Prerequisite: Students must earn a B or higher in their previous English course.

This course is designed for sophomores who are college bound. In addition to above, higher-level reading and writing are required. Failure to perform at a proficient level or above on a consistent basis may result in withdrawal from the class.

**ENGLISH 3** (10 credits, Required 11<sup>th</sup> Grade)

Prerequisite: Passing grade in English II

This course is a language arts course required for all juniors. The student will:

- Build upon the skills the student learned in English I and II
- Learn the refinement of essay
- Learn the use of sentence variety
- Compose a variety of compositions and essays with an emphasis on the argumentative essay
- Develop a high-level reading and writing vocabulary
- Apply knowledge of literary terms and devices
- Read and critically analyze a substantial number of fiction and nonfiction texts in a variety of forms, including both in-class and outside class readings
- Survey a variety of world literature including novels and plays
- Develop analytical, critical, persuasive, and personal essays demonstrating mastery of English grammar, mechanics, and usage
- Document research properly in a paper
- Take the ACT in the spring (required by state law).

**ACCELERATED ENGLISH 3 X** (10 credits, 11<sup>th</sup> Grade)

Prerequisite: English 2 and Teacher Recommendation

This course is designed for juniors who are college bound. In addition to above, higher level reading and writing are required. Failure to perform at a proficient level or above on a consistent basis may result in withdrawal from the class. This course explores World literature through a variety of thematic perspectives while further developing critical and analytical reading and writing skills in preparation for college.

**ENGLISH 4** (10 credits, Required 12<sup>th</sup> Grade)

Prerequisite: Passing grade in English III

This is a literature and composition course required for all seniors. The student will:

- Learn the technical writing skills necessary to write their letter of intent, resume, application letter and the personal essay required for many college applications and scholarships as well as correct ways to fill out college applications and scholarship forms
- Acquire the writing skills and critical thinking skills to help them succeed in college English courses
- Survey a variety of literature including novels, plays, and poetry.

**PUBLIC SPEAKING** (5 credits, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> Grade)

This course combines basic theories of speech communication with public speaking performance skills. The curriculum includes audience analysis and the preparation, organization, support, and delivery of speeches.

**JOURNALISM** (5 credits, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Journalism is an elective class that is open to all juniors and seniors who are interested in learning new writing techniques and polishing their current writing skills. Students will examine the purposes, successes and failures of the mass media. This class will discuss the personal responsibility of a journalist governed by law and ethics. Examples will be given through current multi media sources and movies that depict the history of journalism. Writing units will include features, news, sports, editorial and movie reviews.

**CREATIVE WRITING** (5 credits, 11<sup>th</sup>, 12<sup>th</sup> Grade)

This semester course will allow the student an opportunity to explore a variety of writing styles and develop their own unique writing voice. Through artistic expression, the student will draw on their imagination to compose a variety of poetry, fiction, memoirs, and drama. Daily writing and reading is an expectation of this course.

**HUMANITIES (Grade 12 Only)**

Prerequisites: Passed US and World History. Passed English 1, 2 and 3

Semester (5 credits) or Year Long (10 credits); Double Block: Year Long Class (10 credits per semester, 20 Credits per year).

Type of credit: English and Social Studies credit

This course will examine the political, social, cultural, and economic forces throughout history in both western and non-western civilizations and will study appropriate literary selections associated with the topics under study. In addition to the literary selections, the English portion of the course will also further develop students' reading and writing skills. The course is designed to meet the needs of all students, and students will receive both social studies and English credit for this double-block class. The course will be an extension of the goals and objectives of both World and US History, and the English 3 curriculum. Additionally, the course will have a team teaching approach and will integrate the content and skills in both social studies and language arts.

**ELL NEWCOMER/ELL ENGLISH 1** (20 credits, Placement is determined through testing)

Prerequisite: Teacher Referral **\*Double blocked course**

ELL English I is a course for beginning English students. The student will:

- Learn the alphabet                      \*Learn numbers
- Learn basic words and sentence patterns
- Learn basic social conversation
- Learn to read and write with basic English language

- Improve language skills and vocabulary

**ELL ENGLISH LANGUAGE 2** (20 credits, Placement is determined through testing)

Prerequisite: Teacher Referral \***Double blocked course**

ELL English II is for beginning to intermediate English students. The student will:

- Learn more advanced language and sentence patterns
- Learn to identify and write paragraphs
- Learn more advanced academic language to apply in their other classes
- Increase speaking, reading, and writing skills with continual practice of the English language

**ELL ENGLISH LANGUAGE 3**(10 credits, Placement is determined through testing)

Prerequisite: Teacher Referral

ELL English III is a course for intermediate English students. The student will:

- Improve vocabulary and understanding of the English language
- Apply writing skills by writing paragraphs and various types of essays
- Analyze, summarize, and apply themes and main ideas to English texts
- Write and critique his/her own and peers' writing skills

**ELL ENGLISH Language 4** (10 credits, Placement is determined through testing)

Prerequisite: Teacher Referral

ELL English IV is for advanced English students. The student will

- Apply his/her knowledge of speaking, reading, and writing in class
- Understand and apply academic language to the practice of English
- Improve the written and oral communication skills in English
- Speak, read, and write at grade level in English
- Exit from ELL program at the end of this class

## **SOCIAL STUDIES**

30 credits of social studies are required, including American Government to earn a standard diploma.

**U.S. HISTORY (10 credits, Required 9<sup>th</sup> Grade)** This course will use social, cultural, economic, political, and scientific/technological themes to explore the history of the US from 1865 to present day. Students will demonstrate proficiency on Colorado state history standards through assignments, activities, projects, and assessments. Students will also practice skills of history inquiry and analysis through research projects and writing activities.

**WORLD HISTORY** (10 credits, Required 10<sup>th</sup> Grade)

The student will demonstrate proficiencies on district and Colorado history standards through assignments, tests, and projects including the following projects:

- Explore various aspects of a modern country and its culture through a modern world culture project
- Explore world history from the development of early humans to the formation of the modern world
- Study the social, cultural, political, economic and scientific/technological aspects of world history

**20<sup>th</sup> and/or 21<sup>st</sup> CENTURY HISTORY** (5 credits per class, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: US History

Can be used for Social Studies or Academic Elective Credit

This course will investigate the political, economic, social, technological, and cultural forces that worked throughout the 20<sup>th</sup> century to shape the modern world. Studies emphasize a global perspective of history that will include but is not limited to the following topics:

- \* The Cold War
- \* Religion
- \* Decolonization
- \* Globalization

Students will demonstrate proficiency on Colorado state history standards through assignments, research, projects, and assessments.

**AMERICAN GOVERNMENT (5 credits, required for graduation, 11<sup>th</sup> or 12<sup>th</sup> Grade)**

The student will:

- State the purposes and basic principles of the American Government
- Demonstrate involvement in citizenship and knowledge of structure of governments
- Analyze political issues facing the United States

**ECONOMICS** (5 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

The student will:

- Explain why scarcity requires us to make good decisions about using our resources
- Describe how different economic systems impact decisions about the use of resources and the production of goods and services
- Identify the results of trade, exchange, and interdependence among individuals, households, businesses, government, and societies

**SOCIOLOGY** (5 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade) Social Studies or Academic Elective Credit

Prerequisite: None

Can be used for Social Studies or Academic Elective Credit

A survey course in which the main concepts that define the sociological perspective are presented. A picture of society is provided by examining major social institutions and forms of social organization within society.



**PSYCHOLOGY** (5 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: None

Can be used for Social Studies or Academic Elective Credit

A course that introduces the scientific study of behavior, including an overview of the biological basis of behavior, sensation or perception, states of consciousness, learning and memory, thinking and language, intelligence, motivation and emotion.

**LATIN AMERICA HISTORICAL FICTION** (10 Credits/year long, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Grade) Social Studies or Academic Elective Credit

Prerequisite: None

In this course students will have the opportunity to explore the history of Latin America through the lens of historical fiction. Historical novels tell the stories of the people and places who have shaped the world we live in today in an engaging, humanizing way that students can connect with. Go beyond the history textbook to understand the social, political and economic complexities of the Americas, Europe, and Africa that have been inextricably linked since the arrival of Columbus more than 500 years ago. Students will read one novel from each perspective as a class and write a 3-5 page analytical response paper for each novel. The course will challenge students to develop college-level academic writing skills and explore the connections between past and the present and how they can impact the future. Students will study works by Isabel Allende, Victor Villasenor, and Chinua Achebe as well as non-fiction supplemental reading.

**SHELTERED SOCIAL STUDIES** (10 Credits, Placement is determined through testing)

Prerequisite: Teacher Referral

This course is for intermediate English Language Learners not in a mainstream social studies course. This course will emphasize world history and the development of English language skills. The student will complete a sequence consisting of the following courses concluding with the government requirement.

**MATHEMATICS**

40 credits of math are required to earn a standard diploma

Important information: In math courses, students must earn a "C" or better for both semesters in order to move on to the next level. If they do not earn a "C" or better for both semesters, they will have to repeat the entire year of math.

**MATH LAB** (5 credits, 9<sup>th</sup> and/or 10<sup>th</sup> Grade)

Prerequisite: Students will be placed by department recommendation depending on skill level and test scores.

This course focuses on number sense, builds understanding of higher

mathematics and transitions to algebraic thinking to fill mathematical gaps.  
Review of basic math skills ( +, -, x, / integers, decimals, fractions, percents).  
Review of pre-algebra skills: Variables, word problems, equations, proportions,  
graphing, statistics. **Required to take concurrently with Integrated Math I.**

**MAT 090 Introductory Algebra** 9th Semester (5 Credits) Year Long (10 Credits)  
Prerequisite: **MAT 060** with a grade of "C" or better or **ACCUPLACER, Elementary Algebra score of 45-60**

Description: Includes solutions of first-degree equations, inequalities, formulas, polynomials, factoring polynomials, solving quadratic equations by factoring, coordinate geometry, graphing linear equations and inequalities. Algebraic fractions and systems of linear equations may be included.

**Integrated Math I** (10 credits, 9<sup>th</sup> or 10<sup>th</sup> Grade)

Prerequisite: Successful completion of Pre-Algebra or 8th grade math with teacher recommendation.

**Integrated Math I** includes the introduction of variables, constants, expressions, equations, and functions. The language of numbers is examined. Topics include integer operations, solving equations, inequalities, simplifying expressions, exploring polynomials, factoring, graphing linear and quadratic equations, working with radicals and exponents, an introduction into statistics and probability, and geometry topics such as perimeter, area and volume. **(Must take with Math Lab)**

**Integrated Math I HONORS** (10 credits, 9<sup>th</sup>) \*Semester long class

Prerequisite: Successful completion of Pre-Algebra or 8th grade math with teacher recommendation.

**Integrated Math I** includes the introduction of variables, constants, expressions, equations, and functions. The language of numbers is examined. Topics include integer operations, solving equations, inequalities, simplifying expressions, exploring polynomials, factoring, graphing linear and quadratic equations, working with radicals and exponents, an introduction into statistics and probability, and geometry topics such as perimeter, area and volume. **(Students will move on to take Integrated Math II HONORS second semester.)**

**Integrated Math II** (10 credits, 10<sup>th</sup> or 11<sup>th</sup> Grade)

Prerequisite: Successful completion of Integrated Math I.

The first semester will cover linear equations and inequalities, solving systems of equations, key features of graphs of linear and quadratic functions, solving quadratic equations, and concludes with basic probability and statistics. The second semester will cover exponents and radicals, Pythagorean Theorem, triangles, basic Trigonometry, polynomials, circles, and a review of area, surface area, and volume.

**Integrated Math II HONORS** (10 credits, 9<sup>th</sup> or 10<sup>th</sup> Grade) \*Semester long class

Prerequisite: Successful completion of Integrated Math I HONORS or by Algebra teacher recommendation.

The first semester will cover linear equations and inequalities, solving systems of equations, key features of graphs of linear and quadratic functions, solving quadratic equations, and concludes with basic probability and statistics. The second semester will cover exponents and radicals, Pythagorean Theorem, triangles, basic Trigonometry, polynomials, circles, and a review of area, surface area, and volume.

**(If taken in the first semester, students will move on to take Integrated Math III HONORS second semester.)**

**Integrated Math III** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Successful completion of **Integrated Math II**

Students will first focus on linear relations and functions, solving equations and inequalities, and systems of equations. Then they will explore quadratic and polynomial functions. In the 2<sup>nd</sup> semester, students will focus on advanced functions and relations involving radicals, polynomials, and exponential functions. The students will conclude with statistics and probability, sequences and series, logarithms, and solving rational equations. A graphing calculator will be utilized.

**Integrated Math III HONORS** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Successful completion of **Integrated Math II HONORS**

Students will first focus on linear relations and functions, solving equations and inequalities, and systems of equations. Then they will explore quadratic and polynomial functions. In the 2<sup>nd</sup> semester, students will focus on advanced functions and relations involving radicals, polynomials, and exponential functions. The students will conclude with statistics and probability, sequences and series, logarithms, and solving rational equations. A graphing calculator will be utilized.

**MAT 099 Intermediate Algebra (Previously MAT 106)** Semester 5 Credits; Year Long 10 credits, 10<sup>th</sup> Grade)

Prerequisite: MAT 090 with a grade of "C" or better or ACCUPLACER, Elementary Algebra score of 61-84 *Note: If you have already completed MAT 106, you DO NOT need to take MAT 099)*

Emphasizes problem solving with further study of equations, slope, inequalities, systems of equations, polynomials, quadratic equations, rational expressions, rational exponents, radical expressions, graphing and applications. A graphing calculator or equivalent software may be utilized.

**TRIGONOMETRY/PRE-CALCULUS** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Successful completion of Integrated Math III and teacher recommendation.

A graphing calculator is required (TI-82, TI-83, or TI-83-plus if possible)

The student will first learn mathematical topics including trigonometry, exact values, inverses, trig identities and equations. Second semester will focus on sequences, series, limits, conics, logarithms, polar coordinates, probability, and algebraic functions.

**PROBABILITY & STATISTICS** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Successful completion of Trig/Pre-Calc or Algebra 2 with teacher recommendation. A statistical calculator is required.

The student will learn mathematical topics including chance, data analysis, predictions and other topics that involve collecting data and making conclusions, normal distribution and linear regression applied to student research projects.

**CALCULUS** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Successful completion of Trig/Pre-Calc with teacher recommendation.

A graphing calculator is required (TI-82, TI-83, or TI-83-plus if possible).

The student will learn mathematical topics found in the equivalent of a first semester college calculus class. Topics include limits, continuity, derivatives and integrals and their applications.

**PERSONAL FINANCE** (10 credits- one year/two semesters, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: None

May earn either math or business elective credit.

Financial Literacy is a skill that any successful member of society possesses. In this class you will learn to keep track of your spending and earning, learn to invest for long-term financial security, protect the wealth you have worked hard for, and make smart responsible decision regarding money that will help you for the rest of your life. You will also see your math ability grow as we will be doing basic, but essential skills in preparing for your future. You will also learn the vocabulary of business and finance. You will learn to maximize your earning potential whatever your career might be and discuss different investment options for your money. We will cover managing risk, financial markets, real estate, entrepreneurship, business, taxes, and how to achieve your financial goals.

**COLLEGE ALGEBRA** (6 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade) **ACCUPLACER Score of        Required**

Prerequisite: Algebra 2 required, Trigonometry/Pre-Calculus encouraged

**Fees required by College or University** will apply; see your counselor for details.

The student will learn a review of intermediate algebra, equations, inequalities, linear and quadratic functions and their graphs, exponential and logarithmic functions, linear and nonlinear systems, conic sections, sequences and series, probability, and the binomial theorem. This course is taught by Arapahoe Community College staff.

**MAT 121 College Algebra: GT-MA1** (5 credits semester/10 credits year long)

Prerequisites: MAT 099 with a grade of "C" or better or ACCUPLACER score of 85+ in Elementary Algebra area or ACT: 23

This course includes a brief review of intermediate algebra, equations, and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear systems, selection of topics from among graphing of the conic sections, introduction to sequences and series permutations and combinations, the binomial theorem and theory of equations.

**COLLEGE TRIGONOMETRY** (6 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade) **ACCUPLACER Required**

Prerequisite: Algebra 2 required, Trigonometry/Pre-Calculus encouraged

This course is a traditional prerequisite course to the calculus sequence.

**Fees required by College or University** will apply; see your counselor for details.

The student will learn trigonometric functions (with graphs and inverse functions), identities and equations, solutions of triangles, complex numbers, and other topics as time permits. This course is taught by Arapahoe Community College staff.

**SHELTERED INTEGRATED MATH I** (10 credits, Placement is determined through testing) Prerequisite: Teacher Referral

Same as Algebra I. In this class we will focus on basic math terms and concepts as Algebra I. Our focus will also be on language acquisition of math terms in English.

**SHELTERED INTEGRATED MATH II** (10 credits, Placement is determined through testing)

Prerequisite: Teacher Referral

This course covers the same material as Geometry Math, with a focus on learning mathematical terms in English.

**ELL INTEGRATED MATH III** (10 credits, Placement is determined through testing)

Prerequisite: Teacher Referral

This course covers the same material as Algebra II Math, with a focus on learning mathematical terms in English. Personal Finance (Seniors)

## Math Flow Chart 2011

Recommend a grade of 'C' or better to continue in math @ all levels.

Integrated Math I

Integrated Math II

Integrated Math III

College Algebra (ACC)

Trig/Pre-Calc

Calculus

## **SCIENCE**

30 credits of science are required to earn a standard diploma.

Important information: In science courses, students must earn a "D" or better for both semesters in order to move on to the next level.

### **EARTH SCIENCE** (10 credits, 9<sup>th</sup> Grade)

**Required materials:** 3-ring binder

In this course, students will take an in-depth look at Earth's features and systems. We will examine the studies of geology, meteorology, and astronomy. This class will focus on labs, activities, and research projects. The following topics will be covered:

- \*Geologic Time
- \*Plate Tectonics
- \*Groundwater
- \*Air and Water Pollution
- \*Earth's Atmosphere
- \*Meteorology: Weather patterns
- \*Astronomy: The solar system, planets, stars, and galaxies

### **BIOLOGY** (10 credits, 10<sup>th</sup> Grade)

**Prerequisite:** Successful completion of one semester of high school science

**Required materials:** 3-ring binder, colored pencils

This is a lab-based course. In this course, students will examine the characteristics and structures of living things, the processes of life, and how living things interact with each other and their environment. Students will also apply the processes of scientific investigation and design, conduct, communicate about and evaluate such investigations.

Topics covered:

- \*Experimental design
- \*Populations and ecosystems
- \*Biodiversity
- \*Cellular structure and function
- \*Cell reproduction and development
- \*Genetics
- \*Evolution

**Sheltered Science** (20 credits, 9<sup>th</sup> and 10<sup>th</sup> Grade-10 credits each. Placement is determined through testing)

**Prerequisite:** Teacher or Counselor Referral

**Required materials:** 3-ring binder, colored pencils

This course is an introduction to Earth and Life Sciences. Sheltered Science is designed to be a two-year track including two science courses. Earth Science and Biology will be taught on alternating years; Biology on odd years and Earth Science on even years. The Biology year of Sheltered Science will be counted as a lab-based course. The course will focus on developing knowledge of science vocabulary terms. Students will practice speaking and writing in English.

Topics covered:

- |             |            |                 |           |
|-------------|------------|-----------------|-----------|
| *Rocks      | *Volcanoes | *Earthquakes    | *Weather  |
| *Oceans     | *Astronomy | *The human body | *The cell |
| *Ecosystems | *Plants    | *Animals        |           |

**CHEMISTRY** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: Successful completion of one and a half years of high school science and Algebra I required

Required materials: Notebook, basic calculator, and highlighter or colored pen.

This is a lab-based course. In this course, students will engage in classroom instruction and laboratory investigations to develop their understanding of:

- |                                  |                          |
|----------------------------------|--------------------------|
| *The periodic table              | *Properties of matter    |
| *Atomic and molecular structures | *Chemical formulas       |
| *Chemical reactions and bonding  | *Acids, bases, and salts |
| *Gases and gas laws              |                          |

**SHELTERED CHEMISTRY** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: Successful completion of one year of Sheltered Science required

Required materials: Notebook, basic calculator, and highlighter or colored pen.

This is a lab-based course. The course will focus on developing knowledge of science vocabulary terms. Students will practice speaking and writing in English. In this course, students will engage in classroom instruction and laboratory investigations to develop their understanding of:

- |                                  |                          |
|----------------------------------|--------------------------|
| *The periodic table              | *Properties of matter    |
| *Atomic and molecular structures | *Chemical formulas       |
| *Chemical reactions and bonding  | *Acids, bases, and salts |
| *Gases and gas laws              |                          |

**ANATOMY AND PHYSIOLOGY** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Successful completion of Biology required and completion of or concurrent enrollment in Chemistry recommended.

Required materials: Spiral notebook and Colored pencils

This elective course surveys the relationships among structures and functions of the human body. Students will engage in classroom instruction, laboratory activities, and dissections in order to gain a deeper understanding of the integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, lymphatic, digestive, urinary, and reproductive systems.

**PHYSICS:** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade, or Instructor Approval)

Prerequisites: Completion of two years of science and Algebra II with a “C” average or better required.

Required materials: Notebook and scientific calculator

This is a lab-based course. In this course, students will examine the physical world and understand how the world and universe behave. This course will consist of an in-depth

study through classroom lecture and laboratory experiences that will allow students to understand:

- \*Motion
- \*Sound
- \*Other physical phenomena
- \*Speed
- \*Light
- \*Kinetics
- \*Heat

## **FAMILY AND CONSUMER SCIENCE**

### **FOODS AND NUTRITION** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Length of Course: 1 Semester

Prerequisite: None

Fee: \$25.00 per term

Do you love food? Do you want to learn basic food preparation skills? Do you want to learn how your current food choices are affecting your body and our environment? Well this is the class for you! Course emphasis will be on lifestyle choices as related to food choices, food preparation techniques, nutrition and food related health issues. Students will participate in food preparation labs, sharpen consumer knowledge and skills of new dietary guidelines; and complete a personal nutritional analysis. This course is excellent for students considering living on their own, careers in nutrition or culinary arts. Students are encouraged to participate in FCCLA projects, community service and/or competitions related to class.

### **CATERING I & II** (CTE course, 10 credits, 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> grade)

Length of Course: 2 Semesters

Prerequisite: Foods and Nutrition

Fee: \$25.00 per term

This course is ideal for students who are interested in food service management and entrepreneurial skills allowing students to operate a business. Students are able experience culinary applications to plan and manage the preparation of food. The course includes instruction in food and nutrition, marketing, sanitation and safety, food costing, and methods of food preparation. Students will participate in special catering events practicing customer service. Students need to be available for at least one evening catering event per semester. Students are encouraged to participate in FCCLA projects, community service and/or competitions related to class.

### **CHILD DEVELOPMENT** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Length of Course: 1 Semester

Prerequisite: None

Fee: \$25 per term

Do you see yourself working with kids or having a family in the future?

This course is ideal for students interested in child development and /or careers related to pediatrics, psychology, social services, education. Focus will be on the decision to have children, pregnancy and prenatal development; observations of infants, toddlers, and



preschoolers; and intellectual, social, emotional, and physical development of the child. Community agencies, human development professionals, and parents are an intricate component of this course. Students are encouraged to participate in FCCLA projects, community service and/or competitions related to class.

## **FOREIGN LANGUAGE**

To meet the Colorado Council on Higher Education's college entrance requirements, two years of world language study are needed. Courses other than Spanish are available through Arapahoe Community College or distance learning options. Please see your counselor for more information.

### **SPANISH 1** (10 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

**Prerequisite:** A grade of C in English is required. A grade of B is recommended.

The student will:

- Use and understand novice-level vocabulary such as greetings, feelings, dates, times, weather, numbers, professions, clothing, sports, family, city and school
- Ask and answer questions using novice-level vocabulary
- Combine vocabulary into simple paragraphs of at least 10 sentences on familiar topics
- Write with basic control of syntax and mechanics in the present tense so that communication and understanding is not inhibited
- Identify customs relating to Spanish speaking countries
- Demonstrate appropriate social skills when introducing himself/herself or others
- Read short passages and stories and identify the main ideas in these stories
- Listen to stories that use novice-level vocabulary and answer related questions
- Read short Spanish passages to reinforce knowledge of other subjects
- Use appropriate study skills to acquire new vocabulary and grammar structures
- Identify Spanish-speaking countries

### **SPANISH 2** (10 credits, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> Grade)

**Prerequisite:** Grade of C in Spanish I is required. A grade of C in English is recommended.

The student will:

- Use vocabulary of the body, descriptions, house, directions, food, stores, and ordinal numbers
- Continue to initiate and respond to statements and questions
- Retell stories that have been told in class
- Recognize words and phrases in (authentic) visual/oral materials
- Use present, past, reflexive and future tenses extensively
- Identify some significant historical figures and events in Spanish history
- Use common expressions for travel
- Research and present information on a Spanish-speaking country
- Read longer passages in Spanish and identify the main ideas
- Write passages about movies, stories, and cultural information
- Present stories and descriptive speeches to the class

- Continue to identify and explain cultural practices of Spanish speakers
- Read passages in Spanish to further knowledge of other subject areas

**SPANISH 3** (10 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Spanish I and II with a minimum grade of C

The student will:

- Expand vocabulary through texts over Spanish/Hispanic art, literature, and music
- Discuss and explain in Spanish cultural differences and cultural topics
- Write essays with significant precision and detail
- Use business terms for resumes and cover letters.
- Converse on a variety of topics with classmates and native speakers
- Read books of choice that use simple vocabulary and themes, and write reflections based on these readings
- Read authentic articles about cultural issues and discuss these articles with native speakers
- Read and discuss Spanish articles to further their knowledge of other subject areas

**SPANISH 4** (10 credits, 12<sup>th</sup> grade or Instructor Approval)

Prerequisite: Spanish I, II, and III with a minimum grade of C

The student will:

- Read short stories by Spanish and Hispanic authors
- Discuss writing styles and themes of short stories
- Complete individualized projects on any aspect of Spanish and Hispanic cultures
- Write compositions over cultural topics, history and literature
- Continue to write with significant precision and detail
- Interact with native speakers
- Complete a cultural encyclopedia that includes reflections on cultural topics written in Spanish
- Make oral presentations over a cultural topic
- Expand knowledge of other subject areas through articles and discussions in Spanish
- Gain an appreciation of the multicultural and multiracial diversity of the Spanish speaking world
- Achieve a more global understanding of the issues that members of the 21 Spanish-speaking countries face in the present day and the future

**ART**

Each class is *semester only* (5 credits) and has a fee.

**BASIC ART I** (9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: None

Fee: \$15.00

The student will learn basic drawing, painting, printmaking, and two-dimensional art skills. Focus is on the Elements of Art.

**BASIC ART II** (9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Basic Art I

Fee: \$15.00

The student will continue to learn basic drawing, painting, printmaking skills, as well as an introduction to three-dimensional art. Focus is on the Principles of Design.

**ART MEDIA I** (10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Basic Art I & II with a grade of “C” or above in both

Fee: \$15.00

The student will continue to focus on design, composition and the use of the Elements and Principles. Students will learn to use a variety of materials to create and complete advanced-level projects.

**ART MEDIA II** (10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Art Media I with a grade of “C” or above

Fee: \$15.00

The student will continue to focus on design, composition, art skills, and individual growth. Students will learn to use materials to create and complete advanced-level projects in a variety of art media.

**STUDIO** (11<sup>th</sup> or 12<sup>th</sup> grade- may take both semesters)

Prerequisite: Completion of 4 semesters through Art Media II with a grade of “C” or above

Fee: \$20.00/semester

The student will continue to develop artistic style and design through experimentation with different media. Includes art history orientation and portfolio development. This class includes field trips to Denver area art museums and/or galleries.

**ART INDEPENDENT STUDY** (5 Credits/semester or 10 Credits/year long, 11<sup>th</sup>, 12<sup>th</sup> grade) Students may take both semesters.

Prerequisite: Completion of 4 Semesters of Art through Art Media II, and approval of/recommendation by Art Instructor.

Fee: 20.00/semester

This class is for the serious art student who desires to develop a portfolio and/or expand their artistic talent. The student will work independently on a curriculum plan devised and created by the student and instructor together. Focus is on development of a personal style and more involved and creative projects.

**PERFORMING ARTS**

**CONCERT CHOIR** (10 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grade)

Prerequisite: None

Fee: \$25

The student will:

- Plan to join choir to sing and function as a contributing member of a performing choral group
- Participate in a choir focusing on the fundamentals of vocal technique, music reading (notes, terms, symbols, etc.) and performing by singing a variety of choral literature including pop, secular, Broadway, etc.
- Participate in the following co-curricular activities:
  - A minimum of four concerts per year (at school)
  - Possible State Music Festivals/Contests
  - Various school and community functions throughout the year

**CHAMBER CHORALE** (10 credits, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grade)

Prerequisite: Concert Choir, previous vocal music experience, audition and teacher recommendation

Fee: \$25

The student will:

- Participate in a select choir focusing on traditional choral literature including classical, sacred, secular, folk, spiritual, and jazz
- Perform in the following co-curricular activities:
  - A minimum of four concerts per year (at school)
  - Rocky Mountain Choir Festival
  - Numerous community and school functions throughout the year
  - Invitational Music Festivals
  - Possible invitational performance at Carnegie Hall
- Audition for All State Choir upon the recommendation of the instructor

**ARIES CHOIR** (10 credits, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grade)

Prerequisite: Concert Choir, previous vocal music experience, audition and teacher recommendation, dance ability

Fee: \$25

The student will:

- Participate in a “Show Choir” which focuses on Broadway, pop, and jazz styles of music combined with choreography
- Perform in the following co-curricular activities:
  - A minimum of four concerts per year (at school)
  - Numerous community and school functions throughout the year
  - Invitational Music Festivals
  - Possible invitational performance at Carnegie Hall

**INTRO TO ACTING** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: None

**This course is highly participatory**

The student will:

- Explore the fundamentals of acting and learn about the world of the actor and his craft
- Participate and perform daily in a variety of skits, scenes, improvisations, and theatre activities
- Perform daily in partner, small group, and large group acting activities

**MUSICAL THEATRE** (10 credits, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grade)

Prerequisite: Intro to acting, audition, or teacher recommendation

**This course is highly participatory**

The student will:

- Explore the world of Musical Theatre and the art of performing onstage
- Participate in the task of the actor's craft through opportunities for public performance (*DRAMA NIGHT*-Semester 1, *Spring Musical*-Semester 2)
- Explore the technical aspects of theatre

**FILM STUDY** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: None

The student will:

- Study a variety of aspects of movie/film techniques
- Learn the fundamentals of acting for stage and screen
- Gain an understanding and appreciation of movies/films by watching, discussing, and analyzing a variety of films in class

**PIANO LAB I** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: None

Fee: \$20

The student will:

- Learn the fundamentals of playing the piano
- Focus on learning to read music, music theory, and piano technique
- Explore a variety of piano literature

**Piano Lab II** (5 Credits 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Piano Lab I

Fee: \$20

Description:

This semester long class continues to develop piano playing skill/technique, music reading ability, and music theory at a higher level.

**MARCHING/CONCERT BAND** (10 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grade)

Prerequisite: Must demonstrate playing ability and have instructor's approval.

Fee: \$50.00

The student will:

- Attend all rehearsals in the summer
- March until marching season is completed.
- Participate in concert band after marching season (about the end of the 1<sup>st</sup> quarter).
- Participate in the following **required** co-curricular activities:
  - Summer rehearsals/sectionals
  - Band Camp (June and the end of July)
  - All home football games
  - Various invitational marching festivals
  - Various invitational parades
  - District and state marching competitions
  - Approximately three school concerts
  - State large ensemble contest
  - After-school rehearsals/sectionals
  - Evening and Saturday rehearsals (usually two per week during marching season)
- May audition for All-State Band, honor bands, and solo-ensemble.

A majority of marching band work/planning is done between June 1 and the start of school. If a student wants to drop band, it must be done in writing by the parent on or before the last day of school for students each school year. This request must be given to the student's counselor. The student must also communicate this request to the band instructor. **BAND WILL NOT BE DROPPED AFTER THIS TIME PERIOD.**

### **PERCUSSION/COLOR GUARD LAB** (10 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grade)

Prerequisite: 10 credits for Percussion, 5 credits - first semester only for Color Guard  
Students in this class are members of the Marching Band during fall semester and members of the Concert Band during spring semester. All expectations and responsibilities of Marching and Concert Band apply to these students, but they have the additional opportunity to play as an ensemble or (in the case of Color Guard) to expand their knowledge through creative projects, allowing a higher level of achievement and opportunity in the musical arts. **With instructor approval**, Color Guard students may elect to remain in this class as percussionists or enroll in the Concert Band for spring semester.

### **JAZZ BAND** (10 credits, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grade)

Prerequisite: Students must be able to read music

Fee: \$30 for students using schools instruments; additional required fee for costume as decided by the group at the start of school

Students who play a non-concert instrument, such as guitar, electric bass, or piano, may audition but will not be required to be in concert/marching band.

The student will perform at the following **required** events:

- Three school concerts
- Various jazz contests and festivals

- Various school functions

## **HEALTH AND PHYSICAL EDUCATION**

\*It is required of ALL students participating in Physical Education classes to dress in activity clothes: shorts or sweats and a t-shirt or sweatshirt. Students must wear athletic shoes such as tennis shoes.

The physical education requirement for graduation also may be met by creating an individualized fitness program approved by administration, or participation in marching band.

### **LIFETIME SPORTS & ACTIVITIES** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> Grade)

Prerequisite: None

The student will develop physically, mentally, emotionally and socially through a range of sports and fitness activities such as tennis, racquetball, walking, running, and lifting weights.

The student will:

- Use the skills and opportunities necessary to practice healthy behaviors for a lifetime
- Learn the fundamentals of each activity
- Be assessed on each activity

### **TEAM SPORTS I** (Fall Semester Only, 5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Prerequisite: None

The student will learn to play four specific team sports. The student will learn the skills, rules, and scoring of each sport. The student will be assessed both on physical skills and understanding of the game. Sportsmanship will be learned, expected, and maintained throughout the course.

- Soccer
- Volleyball
- Flag Football
- Ultimate Frisbee

### **TEAM SPORTS II** (Spring Semester Only, 5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Prerequisite: None

The student will learn to play four specific team sports. The student will learn the skills, rules, and scoring of each sport. The student will be assessed both on physical skills and understanding of the game. Sportsmanship will be learned, expected, and maintained throughout the course.

- Basketball
- Baseball/Softball
- Floor Hockey
- Low Organizational Games (dodge-ball, kickball, handball)

**WOMEN'S HEALTH & FITNESS** (FEMALES ONLY, 10 credits-5 PE & 5 Health, 9th, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Prerequisite: None

This class will focus on the health and wellness needs specifically for girls. Students will cover a wide range of topics of health and nutrition. This will be coupled with learning fitness concepts and being able to apply them to their own personal physical fitness program. Students will participate in a variety of physical activities, develop their own personalized exercise routine, and set fitness goals. Fitness testing will be administered three times throughout the year. Students will be assessed on the information learned through tests, projects, and peer teaching.

Topics Covered:

- Cardiovascular Exercise
- Strength Conditioning
- Weight Management
- Stress Management
- Body Image/Eating Disorders
- Alcohol/Drugs/Tobacco
- Applied Fitness/Health Education

**MEN'S HEALTH & FITNESS** (MALES ONLY, 10 credits-5 PE & 5 Health, 9th, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Prerequisite: None

This class will focus on the health and wellness needs specifically for boys. Students will cover a wide range of topics of health and nutrition. This will be coupled with learning fitness concepts and being able to apply them to their own personal physical fitness program. Students will participate in a variety of physical activities, develop their own personalized exercise routine, and set fitness goals. Fitness testing will be administered three times throughout the year. Students will be assessed on the information learned through tests, projects, and peer teaching.

Topics Covered:

- Cardiovascular Exercise
- Strength Conditioning
- Weight Management
- Stress Management
- Anger/Depression/Anxiety
- Alcohol/Drugs/Tobacco
- Applied Fitness/Health Education

**BEGINNING STRENGTH AND CONDITIONING** (5 credits, 9th, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>

Grade) Prerequisite: Lifetime Sports & Activities or Team Sports I and/or II- Novice level.

The student will:

- Learn Safety (equipment use, spotting, etc.)



- Learn Form: fundamentals and techniques of circuit weight training (machine weights)
- Weight Room Etiquette
- Difference between Tone & Strength
- Machine vs. Free Weights
- Types of lifts
- Learn the main muscle groups of the body along with what exercises will benefit each muscle group
- Do a strong amount of conditioning for cardiovascular endurance
- Desire to gain flexibility, strength, and endurance (A MUST FOR ENJOYING THIS COURSE!)
- Dress to workout hard on a daily basis (NO EXCEPTIONS!)
- Be assessed on knowledge and skill

### **STRENGTH AND CONDITIONING FOR ATHLETES** (5 credits, Athletes ONLY)

**Prerequisite:** Beginning Strength and Conditioning and/or is currently enrolled in a Sheridan High School Sport. **This course is for athletes only.**

In order for the student to take this class they must:

- Be currently signed up in a Sheridan High School sport
- Has completed and passed Beginning Strength and Conditioning with the intent of joining a Sheridan High School Sports teams later in the year
- Will participate in a sport in the next season (ex: plays basketball - takes this class fall semester)
- Freshman will need signed permission from the Athletic Director to participate

Instruction will be focused on sport specific weight lifting, cardiovascular endurance, and nutrition.

The student will

- Be assessed through fitness testing, skill testing, and written tests
- Set goals
- Develop a sport specific cardiovascular and lifting routine for themselves
- Develop leadership qualities that can be applied in a team environment

## **BUSINESS EDUCATION**

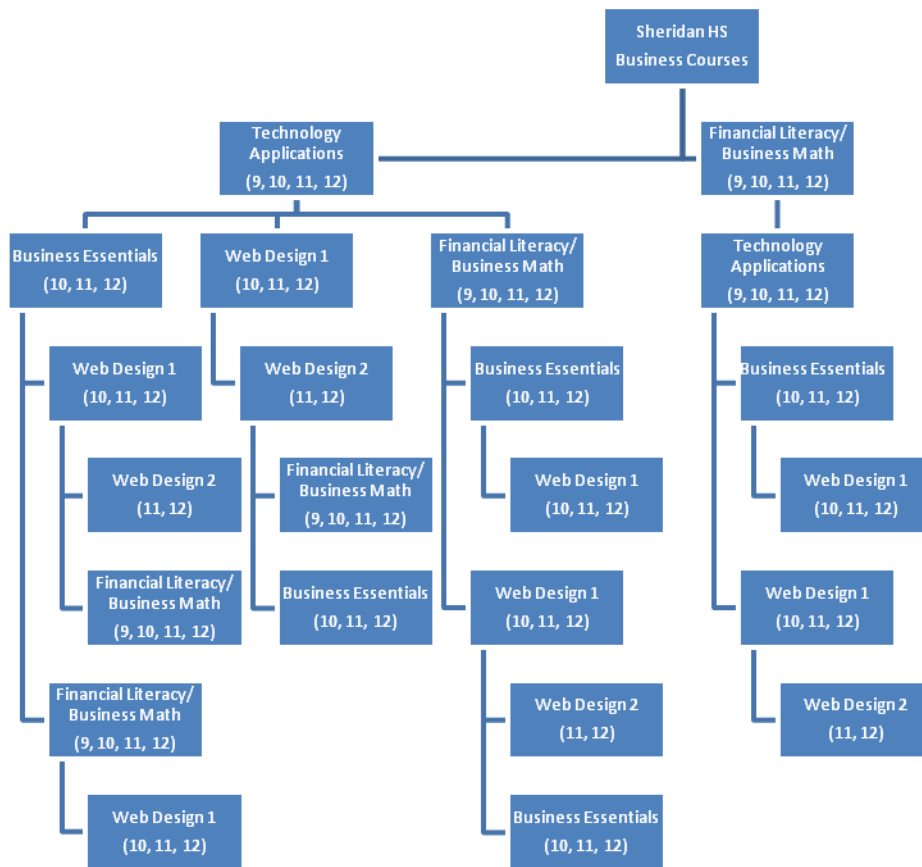
The goal of the Business program at Sheridan High School is to prepare students with a broad foundation of knowledge and skills of business operation and management, software applications, and career awareness. The content includes the use of technology to develop communications skills, higher level thinking skills, and decision making skills; the performance of office procedures tasks; the production of quality work in an efficient manner using advanced features of business software applications; research of job opportunities; and the production of high quality employment portfolios and job-seeking documents.

The program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the office support services industry: planning; management; technical and production skills; underlying principles of technology; labor issues; community issues; and health, safety, and environmental issues.

\*All courses taught in the Business Department are eligible for Concurrent Enrollment credit at Arapahoe Community College. See the business instructor for more information.

\*A course fee of \$15 is required for membership in Future Business Leaders of America (FBLA.)

### Business Flow Chart



**WEB DESIGN** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: None

Web Design introduces web site planning, design and creation using industry-standards-based web site development tools. Screen-based color theory, web aesthetics, use of graphics editors and intuitive interface design are explored.

**PRESENTATION GRAPHICS I: PowerPoint** (5 credits *Optional Concurrent Enrollment Credit- CIS 161 1 credit*, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: None for high school credit.

Course Length: 1 Semester

Course Description: Introduces the development of presentation graphics materials including graphs, charts, illustrations, and diagrams. Emphasizes effective communication.

**BUSINESS INTERNSHIP** (5 credits, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: None. Students may take multiple semesters.

The Business Internship (work experience) program combines in-school instruction with on-the-job experience to provide students with the best opportunity to prepare for a career in business. The business education instructor-coordinator oversees the program, and works closely with the employer (training sponsor), the student, and the student's parents to assure a mutually beneficial work and learning experience.

**ACADEMIC ACHIEVEMENT STRATEGIES** (5 credits *Optional Concurrent Enrollment Credit- AAA 109 3 credits*, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: None

Course Length: 1 Semester

Course Description: Examines theories and practices associated with successful learning to enhance college success. Areas of study include education and career planning, effective communication, personal management, critical and creative thinking, development of community and awareness of diversity, leadership, and techniques for successful academic performance. Recommended for new and returning students.

**PERSONAL FINANCE** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: None

Personal Finance surveys the basic personal financial needs of most individuals. Emphasizes the basics of budgeting and buying, saving and borrowing money, the intricacies of home ownership, income tax and investments, and the wise use of insurance, wills, and trusts.

**Introduction to PC Applications** (10 credits *Optional Concurrent Enrollment Credit- CIS 118 3 credits*, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: Students MUST have Windows file management skills to create file folders, rename files, delete files, copy and move files.

Course Length: 1 Year (two semesters)

Course Description: Introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. Includes the use of a web browser to access the Internet.

**INTRODUCTION TO BUSINESS** (5 credits, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: None

Students will learn the basics of business principles, business economics, personal and business finance, consumer credit and banking, business law, entrepreneurship, management and marketing. This course will provide a broad foundation on which to build as students move into other business courses as well as practical business knowledge that can be applied to students' roles as employees, consumers, and citizens. FBLA membership is encouraged.

**PC Spreadsheet Concepts: Excel** (5 credits *Optional Concurrent Enrollment Credit-CIS 155 3 credits*, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisites: Students MUST have Windows file management skills to create file folders, rename files, delete files, copy and move files.

Course Length: 1 Semester

Course Description: Exposes the student to a wide range of uses of the electronic spreadsheet with special emphasis on using it as a business tool. Includes fundamentals and terms, creating and saving workbooks, entering and using formulas, formatting, printing, multiple-page workbooks, creating charts, entering and using functions, managing lists, and simple macros.

**Business Entrepreneurship** (5 credits/semester or 10 credits/year long, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Prerequisite: None

This one semester course provides students with an introduction to small business ownership. Topics that will be addressed will include basic economic concepts, the characteristics of a successful entrepreneur, legal forms of business ownership, planning, financing, formation, and operation of a small business.

**Career Planning** (5 credits/semester or 10 credits/year long, 9<sup>th</sup> and 10<sup>th</sup> Grade)

Prerequisite: None

This is a semester course that will offer students an opportunity to prepare for the world of work. Students will briefly explore different career fields, examine personal values, set goals, develop interpersonal and social skills for the workplace, and acquire basic employment skills. Students will develop a portfolio to be utilized for future job searching. Students will also demonstrate proficiency in the development of cover letters, resumes, follow-up letters, thank you letters, job applications, interviewing techniques, and public speaking. Other topics included: work ethics, job searching, aptitude tests, employer expectations, dress code, and how to get a raise/promotion.

**Introduction to Marketing** (5 credits/semester or 10 credits/year long, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grade)

Prerequisite: None

Thinking about a career in marketing, management, sales, or merchandising? Marketing prepares students entering occupations that require skills in sales, buying, retailing, finance and investments. In Marketing, students will learn job application and interview

techniques, basic sales skills, marketing math, economics, advertising, promotion, pricing and marketing strategies. Marketing students are strongly encouraged to participate in the many DECA activities provided to them throughout the year where they learn valuable leadership and social skills

## **TECHNOLOGY EDUCATION**

**PRINCIPLES OF TECHNOLOGY** (CTE course, 10 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grades)

Prerequisite: None

Fee: \$15.00

Students will explore all of the career pathways using the latest in technology in a project based, self-directed learning class. Teams will rotate through stations including Publishing, Engraving, Robotics, Movie Animation, Bridge Design, Video Production, and much more.

**ADVANCED TECHNOLOGY** (CTE course, 10 credits, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grades)

Prerequisite: Principles of Technology or Teacher Approval

Fee: \$15.00

This is chance to expand on the learning from Principles of Technology and take it to new heights spending more time on higher level projects at each station. This class is multiple pathways focused. The first pathway focus is STEM (Science, Technology, Engineering, & Math) emphasizing Alternative Energy. The second pathway focus is Media Technology emphasizing the digital video process. Students will write their own project proposals and be able to explore their favorite areas as far as they can go.

Community college credit is in process.

**VIDEO PRODUCTION** (CTE course, 10 credits, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> Grades)

Prerequisite: None

This class introduces the basics of video production utilizing a personal camcorder and video editing equipment and software. Students study video technologies, basic equipment operation, video composition, basic lighting and audio production planning, and visual storytelling. Students work in groups to create video projects utilizing post-production editing. The basics of shooting good video, capturing video from a camera to a computer, creating movies for the web, and burning finished DVD's will be covered.

Community college credit is in process.

**DIGITAL YEARBOOK** (10 credits, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grades)

Prerequisite: Minimum 2.0 GPA, basic computer skills, and *instructor permission*

The student will work cooperatively with peers and instructor, learn “Adobe In Design” software, work hours outside of school if needed, learn digital photography techniques and editing, produce a hardback and digital publication of which Sheridan High School can be proud.

**ALTERNATIVE AND RENEWABLE ENERGY** (CTE course, 10 credits, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grades)

Prerequisite: None

This course will prepare students for careers in one of the few job markets expected to grow in the next few years, Alternative Energy. Solar Energy, Wind Power, Hydrogen Fuel Cells, and other emerging alternative energy sources will be explored through hands-on, project-based learning. Students will also investigate the scientific, economic, environmental, political, and social implications of each energy source in order to be prepared for the real world expectations of employers in these fields. This course can also be used to satisfy science requirements.

## **INDUSTRIAL TECHNOLOGY**

Students who wish to pursue a career in engineering, architecture, construction, manufacturing, designing, or drafting are encouraged to take courses in Industrial Technology. These courses have been designed to challenge you to brainstorm, design, build, evaluate, and test ideas and products.

**FINE WOODWORKING I** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: None

Fee: \$25.00 down payment

Introduces the student to the various components of furniture and cabinetmaking. The course will teach the student basic shop drawing, material properties, joinery, and power and stationary tools as related to basic furniture and cabinet construction. Safe and efficient use of machinery and materials are the essential goals of this course.

**FINE WOODWORKING II** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Fine Woodworking I

Fee: \$20.00 down payment. *Note: Class fee is based on the project the student builds and the materials used. The cost of the product can range from \$20-\$60.*

As a second semester woodworking student, you will learn to have a higher level of work ethic – being on task, a safe worker, and able to work with others. This course continues the learning knowledge of basic shop drawing, material properties, joinery, and power and stationary tools as related to basic furniture and cabinet construction. Safe and efficient use of machinery and materials are the essential goals of this course.

**CABINET AND FURNITURE CONSTRUCTION** (CTE course, 20 credits- this is a double-block class, 11<sup>th</sup> & 12<sup>th</sup> Grade),

Prerequisite: None.

Fee: Based on the project the student builds and the materials used.

This course designed for the student who is interested in the areas of engineering, architecture, or construction work. It offers students the opportunity to improve their knowledge of materials, tools, and machines used in woodworking.

Students will experience:

- \*Building cabinets and furniture
- \*Higher level of joinery & craftsmanship
- \*Use of machine techniques
- \*Working with others as a team
- \*Leadership

**MECHANICAL DRAFTING I** (CTE course, 5 credits, 11<sup>th</sup> & 12<sup>th</sup> grade)

Prerequisite: None

The objective of this course is to draw mechanical objects by using geometric construction. You will learn how to draw the following style of drawing:

- \*Sketching
- \*Isometric
- \*Oblique
- \*Surface development
- \*Orthographic
- \*Auxiliary
- \*Sectional
- \*Geometry

You will have an introduction to surveying. You will have the experience of using a transit to survey the location of points out in the field. You will be involved with two other activities: architectural design, and building a tower structure.

**MECHANICAL DRAFTING II** (CTE course, 5 credits, 11<sup>th</sup> & 12<sup>th</sup> grade)

Prerequisite: Mechanical Drafting I

The objective of this course is to draw mechanical objects by using geometric construction. You will learn how to draw the following style of drawing:

- \*Sketching
- \*Isometric
- \*Oblique
- \*Surface development
- \*Orthographic
- \*Auxiliary
- \*Sectional
- \*Geometry

You will have an introduction to surveying. You will have the experience of using a transit to survey the location of points out in the field. You will be involved with two other activities: architectural design, and building a tower structure.

This second semester class will be more advance of how to use the experience/knowledge from the first semester.

**ARCHITECTURAL DRAFTING** (CTE course, 10 credits, 11<sup>th</sup> & 12<sup>th</sup> Grade)

Prerequisite: None

This course is designed to allow students to use their knowledge of CAD to create a set of house plans that meet city code requirements for a city. Students will use Auto CAD Lite and draw a floor plan, plot plan, electrical plan, foundation plan, and elevation for their house, as well as construct a model frame house. Students will present their house plan to a panel of judges.

**STUDENT DEVELOPMENT**

**ACE: CAREER EXPLORATION** (10 credits, 9<sup>th</sup> and 10<sup>th</sup> Grade)

Prerequisite: Teacher approval required

This course is designed for 9th and 10th grade students to explore various career options, occupational training, interpersonal skills, and goal setting necessary to make appropriate future career choices. Students develop a career plan and learn job readiness skills related to attendance, appropriate dress and behavior, and teamwork. A job shadow is highly recommended.

**ACE: CAREER HORIZONS** (10 credits, 11<sup>th</sup> and 12<sup>th</sup> Grade)

Prerequisite: Teacher approval required

This course is designed for 11th and 12th grade students to build on the knowledge they acquired in the Career Exploration course. The students will research careers, post secondary education and training options. Students will complete a job application, a resume, and practice proper interviewing techniques. A job shadow is required.

**ACE: BASIC CONSUMER MATHEMATICS** (5 credits, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Teacher approval required

This course provides opportunities for students of all abilities to master the basic math skills they need to succeed in school as well as at home and on the job. The course can stand alone but also provides the background knowledge for more advanced students to progress into Algebra.

It provides opportunities for vocabulary enrichment, reinforcement of concepts, and re-teaching to ensure mastery and assessment in multiple formats.

**ACE: ADVANCED CONSUMER MATHEMATICS** (5 credits, 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> Grade)

Prerequisite: Teacher approval required

This course is a continuation of basic consumer math. Math credits may be earned.

**ACE: TRANSITIONS** (10 credits, 11<sup>th</sup> and 12<sup>th</sup> Grade)

Prerequisite: Teacher approval required

Students enrolled in the ACE Transitions (CO-OP) will spend a specified number of hours per week reporting to either an internship position or a paid part-time job where they will apply the employment skills they have learned in the program.

**ACE: LIFE SKILLS SIMULATION** (10 credits; 12<sup>th</sup> Grade)

Prerequisite: Teacher approval required

This year long course is designed for students making the transition to life after high school. This course focuses on independent living skills, managing a household, banking, locating housing and exhibiting appropriate behaviors in the community. Math credits may be earned.



**ACE: BASIC WORKFORCE COMMUNICATION** (5 credits, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> Grade)

Prerequisite: Teacher approval required

This course is a semester long course designed for students who have struggled with basic communication skills and are in need of intensive study to be a successful member of the workforce. Students will practice various adaptations to help improve communication in their career. English credits may be earned.

**ACE: ADVANCE WORKFORCE COMMUNICATION** (5 credits, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> Grade)

Prerequisite: Teacher approval required

This course is a semester long course designed for students to develop basic communication skills in order to be a successful member of the workforce. Students will practice various adaptations to help improve communication in their career. English credits may be earned.

**WHY TRY?** (5 credits, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> Grade)

Prerequisite: Teacher approval required

This course is a semester long course designed to teach students social and emotional strategies to change patterns of behavior that may result in school failure. The course focuses on decision making, and thinking strategies. It uses visual diagrams to help students identify and discuss challenging situations in order to create solutions and opportunities. Study skills and organization strategies will also be taught.

**COMPLETION OF PROGRAM DIPLOMA**

A disabled student who has completed a four year individual educational program (IEP), (grades 9-12,) but who has not demonstrated the proficiencies required for a standard program diploma may receive a completion program diploma in accordance with the Individuals with Disabilities Education Act (IDEA.) This decision is made on an individual basis in strict accordance with Board Policy by the IEP team; school principal, school counselor and Director of Special Education.

**EMPLOYMENT, COLLEGE/CAREER PREPARATION, AND LEADERSHIP**

**EMPLOYMENT/WORK EXPERIENCE** (11<sup>th</sup> and 12<sup>th</sup> Grade)

This program will give the students an opportunity to work on a job in the community and earn elective credits. The student will:

- Develop occupational skills as well as positive work habits necessary to be successful in the workforce.
- Learn skills that will help him or her find future employment.
- Strengthen his or her work ethic and increase social skills.

The student will receive **five** credits after completing **90** hours that they are able to document from their work experience. No more than **10** elective credits may be earned during one semester. Documentation must be turned in to the program coordinator on a weekly basis via weekly evaluation form and check stubs.

Students must meet with their counselor if interested in the program and complete the application and employment experience agreement before earning hours towards elective credits. Any violation of the agreement may result in termination from the program, a WF (Withdraw Fail) on the student's transcripts and no credit will be earned. Students must be in and maintain good academic standing while actively progressing towards a high school diploma or they may be denied entry or may be terminated from the program. This program is graded on a Pass/Fail basis. A student may not enroll in this course if he or she is in another work study or co-operative program.

**TEACHER/OFFICE AIDE** (5 credits/semester, 9th, 10th, 11th, 12th Grade)

Prerequisite: Student must complete and application and interview for the position.

*Note: This course is for a Pass/Fail grade, and is not calculated into the GPA.*

Assist a teacher, counselor, administrative assistant, or administrator with various tasks, including delivering passes, making copies, sorting papers, greeting visitors (if serving as an aide in the main or counseling office), and other duties as needed.

**STUDENT SENATE** (10 credits; 9th, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> grade)

Student Leadership is responsible for addressing school issues and policies that relate directly to the student body. Students are responsible for activities including Homecoming Week, dances, recognition programs and community events. It also holds the mission to raise school spirit as well as increase student participation. Prospective students must understand that there is a **significant time commitment** outside the normal school day. Additionally, students may be required to develop a personal leadership plan, a personal leadership project and may be asked to serve on school and district committees to represent student body perspectives. The student will develop confidence in their leadership, recognize strengths in them and others understand that multiple strengths are needed to ensure the success of activities, understand the vital importance of cooperative groups and teamwork.

**FRESHMEN SKILLS** – (10 credits, Required – 9<sup>th</sup> Grade)

Through Goodwill's Freshman Skills program, students learn study skills for successful navigation of high school, self-awareness and goal-setting, career exploration and resources, job readiness, college preparation, decision-making, public speaking, and financial literacy.

**COLLEGE SUMMIT** (Required -- 11th and 12th grade)

This course assists students in creating college and career plans for after high school.

Students will establish high school and post-secondary goals, complete self-assessments

to determine which careers match their interests, research colleges and careers, complete college applications, and search and apply for scholarships and financial aid.

## **ACTS** **About Career & Technical Education- ACTS**

Career and Technical training is available to students from Cherry Creek, Douglas County, Englewood, Littleton and Sheridan school districts. The five school districts partner with Arapahoe Community College. Programs are located in a variety of locations.

High school juniors and seniors are eligible to attend. Students must have good attendance, the ability to get along with others, and the ability to work in a group and independently. Strong academic ability is advantageous because college level work is often required

### **Enrollment Process**

Step 1 – Gather all relevant information via course catalogues, brochures, phone calls, emails and meetings.

Step 2 – Complete an application for admission. This application may be found at each high school counseling office.

Step 3 – Take completed application to your home high school counselor.

Step 4 – Counselors send in completed applications to the CTE Office no later than February 15, 2012. All out of district applicants will be notified of acceptance no later than April 30, 2012.

Submission of the application indicates intent to register. You must finalize the registration process in person by participating in a May 2012 orientation. You will be notified of this meeting date, and location. Classes are filled on a first come first serve basis.

### **For more information...**

Contact: Dave Fromsom, Sheridan ACTS & Concurrent Enrollment Coordinator

Email: [dfromsom@ssd2.org](mailto:dfromsom@ssd2.org)

### **Concurrent Enrollment Courses**

Many ACTS courses are eligible for Concurrent Enrollment (formerly College Ready). Earn college credit while still in high school!

ACC offers a concurrent enrollment program (formerly called the College Ready Program) to those looking for a challenging academic experience. You can earn college credit while still in high school. This program:

- Lowers the cost of college
- Increases your academic options
- Prepares you for a seamless transfer to college
- Allows access to college coursework at your high school

College courses are offered during the school day and are taught by ACC-qualified high school instructors. You receive academic and career advising to provide the support you need to succeed in college classes.

### **ACTS Courses offered by Cherry Creek**

#### **Course Name: Aviation Technology**

Description: This course aligns with the Colorado Community College Aviation course AVT 101. This course will earn both high school credit and community college credit toward a 2 year A.A.S. (Associate of Applied Science) and Certificate degree program. This program helps students understand and appreciate all of the facets of the Aviation careers and Aero- space industries of today. Topics range from how to achieve a private pilot license to careers at NASA. Additionally, students will prepare for the FAA private pilot knowledge exam; the first step for a flying career. Former students are currently employed in careers such as air traffic controllers, airline and military pilots, and aircraft mechanics. Instruction includes lecture, discussion, and computer-based flight simulator programs. The class also participates in various field trips to places such as Peterson Air Force Base, Centennial Airport, NORAD, and the United Airlines Training flight simulator. An Aviation club is also associated with the class. Grade Level: 11, 12

Course Length: 1 year

Prerequisites: None

Course Fees: \$0

Location & Time:

Grandview HS: 7:10-8:49 A & B Days M, T, Th, F 7:50-9:19 W

CTE Building: 11:10-12:00 M-F

OHS/IST Building 1:05-2:45 A & B Days M, T, Th, F 1:15-2:45 W

Transportation: Student is responsible for transportation.

#### **Course Name: Comprehensive Commercial Photography**

Description: This course aligns with the Colorado Community College Multimedia Graphic Design course MGD 112, Adobe Illustrator 1. This course will earn both high school credit and community college credit toward a 2 year A.A.S. (Associate of Applied Science) and Certificate degree program. This class provides talented artists an opportunity to explore a career in Graphic Design. Students will learn how to work for a client and produce creative solutions for a variety of commercial needs. Activities include creating promotional materials such as logos, brochures, posters, cards, and advertising. Students will employ hand drawing, painting, Adobe® programs such as Photoshop® and Illustrator® to complete their assignments. Students will develop professional portfolios and may submit work to contests and for college scholarships. Students may receive articulated college credit for this program. Comprehensive Graphic Design offers the student more opportunity to explore Graphic Design on a daily basis.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: None

Course Fees: \$0

Location & Time:

CTE Building: 8:15-9:45 M-F

CTE Building: 1:45-3:15 M-F

Transportation: Student is responsible for transportation.

**Course Name: Digital Commercial Photography**

Description: This course provides the student with a wonderful opportunity to expand upon basic digital photography knowledge, and learn advanced photography skills by learning effective shooting techniques, working independently, teaming with other students, learning and expanding upon Adobe Photoshop skills and techniques. Students will learn about basic business theories, marketing strategies, and entrepreneur practices. Students learn how to shoot like pro photographers as well as develop a resume, learn interviewing skills, develop a portfolio, and prepare for college. The program challenges the student to see life from a different perspective.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: Color Digital Photography

Course Fees: \$50

Location & Time:

Englewood High School: 11:05 – 11:55 T-F

Transportation: SHS may provide transportation (if possible).

**Course Name: Comprehensive Graphic Design**

Description: This course aligns with the Colorado Community College Multimedia Graphic Design course MGD 112, Adobe Illustrator 1. This course will earn both high school credit and community college credit toward a 2 year A.A.S. (Associate of Applied Science) and Certificate degree program. This class provides talented artists an opportunity to explore a career in Graphic Design. Students will learn how to work for a client and produce creative solutions for a variety of commercial needs. Activities include creating promotional materials such as logos, brochures, posters, cards, and advertising. Students will employ hand drawing, painting, Adobe® programs such as Photoshop® and Illustrator® to complete their assignments. Students will develop professional portfolios and may submit work to contests and for college scholarships. Students may receive articulated college credit for this program. Comprehensive Graphic Design offers the student more opportunity to explore Graphic Design on a daily basis.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: None

Course Fees: \$0

Location & Time:

CTE Building: 8:15-9:45 M-F

CTE Building: 1:45-3:15 M-F

Transportation: Student is responsible for transportation.

**Course Name: Criminal Justice: Crime Science**

Description: This course aligns with the Colorado Community College Criminal Justice CRJ 125 course. This course may earn both high school credit and community college credit toward a 2 year A.A.S. (Associate of Applied Science) and Certificate degree program. This Criminal Justice course will concentrate on potential careers in the criminal justice system and law enforcement in general. This course will have a heavy emphasis on law enforcement, crime

scene investigation, and forensic science. The Criminal Justice program, in general, may be taken for either one or two years, as the courses offered alternate each year. This class is open to either juniors or seniors. It is highly recommended that students be able to read and write at the 10th-grade level in order to receive the community college credits in addition to the high school credits. This course is taught at a college level. As such, students will be expected to have the dedication and the motivation that they would apply to a college level course. This course is an academic course and is not an academy- based, hands-on, law enforcement course. Field trips will be taken to the CELL Terrorism Museum, Arapahoe Community College’s Firearms and Police Pursuit Training simulators, the Colorado Bureau of Investigation (CBI) criminal forensics laboratory, the Arapahoe County Jail, and the Arapahoe District Court to conduct a mock trial or trials. Students will need to arrange to carpool or independently drive to each of the field trips, as no buses will be provided.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: None

Course Fees: \$0

Location & Time:

Cherokee Trail HS: 7:10-8:49 B Days M, T, Th, F 7:50-9:19 W

CTE Building: 11:10 -12:00 M – F

Transportation: Student is responsible for transportation.

### **Course Name: ProStart (Culinary Careers)**

Description: TBD

Grade Level: TBD

Course Length: 1 year

Prerequisites: TBD

Course Fees: TBD

Location & Time:

Grandview HS: 1:03-2:42 “A” days M, T, Th, F 1:13-2:42 “A” days W

Smoky Hill HS: 8:52-10:27 Red days M, T, Th, F 9:17-10:42 Red days W

Transportation: Student is responsible for transportation.

## **ACTS Courses offered by Douglas County**

### **Course Name: Intro to AgScience**

Description: This course is a study of the fundamentals of agriculture including animal and equine sciences, agricultural record keeping, soil and crop science and horticulture. This course will also emphasize leadership and personal development. Students must be members of the FFA and develop a Supervised Agricultural Experience project outside of school hours.

Grade Level: 9,10,11,12

Course Length: 1 year

Prerequisites: None

Course Fees: \$20.00

Location & Time: TBD

Transportation: Student is responsible for transportation.

Course Name: Advanced AgScience

Description: This course is an intermediate course in Agricultural Education. It is a continuation

of fundamentals involving animal and equine science, agricultural business, and plant science. Students are to continue participation in FFA and SAE.

Grade Level: 10, 11, 12

Course Length: 1 year

Prerequisites: Intro to AgScience

Course Fees: \$20.00

Location & Time: TBD

Transportation: Student is responsible for transportation.

**Course Name: Equine Science**

Description: This course is an in depth study of the equine (horse) industry and equine husbandry. Students will learn about the management of horses and horse facilities in a hands-on environment. Prior experience with horses is not necessary. Students will participate in FFA and SAE.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: None

Course Fees: \$20.00

Location & Time: TBD

Transportation: Student is responsible for transportation.

\* This course receives a science credit

**Course Name: Animal Science**

Description: This course is an in-depth study of the livestock industry. Students will learn about the biological systems of livestock, current animal industry trends, and livestock management practices. Students are to continue participation in the FFA and SAE.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: None

Course Fees: \$20.00

Location & Time: TBD

Transportation: Student is responsible for transportation.

Course Name: Natural Resources

Description: This course emphasizes the fundamentals of natural resources. Students will study wildlife, water usage and other natural resource management practices including forestry and open space. Students are to continue participation in FFA and SAE.

Grade Level: 11, 12

Course Length: 1 Semester

Prerequisites: N/A

Course Fees: \$20.00

Location & Time: TBD

Transportation: Student is responsible for transportation.

**Course Name: Plant Science**

Description: This course emphasizes the importance of plants and soils. Students will study

agricultural and horticultural crops. Students will also manage the agriculture greenhouse and all related plant sales.

Grade Level: 11, 12

Course Length: 1 Semester

Prerequisites: N/A

Course Fees: \$20.00

Location & Time: TBD

Transportation: Student is responsible for transportation.

Course Name: Agricultural Business

Description: This course is a study of the fundamentals of managing an agribusiness. Students will learn how to minimize risk and maximize profits through principles including production management, marketing strategies, business record keeping, agricultural communications and agricultural sales. Students will participate in FFA and SAE.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: N/A

Course Fees: \$20.00

Location & Time: TBD

Transportation: Student is responsible for transportation.

### **Course Name: ProStart**

Description: ProStart is a two-year food service hospitality management program. ProStart is nationally certified and introduces students to a wide variety of careers in the hospitality industry. The curriculum is based on a study of food preparation, lodging, customer service and business management. Students can earn the ProStart national certificate that will open up opportunity for college credit and scholarships. To earn the national certificate, students will need to pass year 1 and 2 national exams with a 70% or higher, complete 400 hours working in the industry and school, and earn a 70% in the class.

Grade Level: 9,10,11,12

Course Length: 1 year or 2 years

Prerequisites: ProStart Application

Course Fees: \$90/year lab fee, \$15 digital thermometer, \$20 National exam fee (other optional fees include personalized chef coat, knife kit, ServSafe National Exam fee)

Location & Time: Offered both in the morning AND afternoon at ThunderRidge High School

Transportation: Student is responsible for transportation.

## **ACTS Courses offered by Englewood**

### **Course Name: Advanced Broadcast Journalism**

Description: Students completing this elective will write, produce, and create broadcast journalism videos utilizing the skills of interviewing, observing, reporting, reacting and synthesizing for digital video production. Students will also understand and accept the legal and ethical responsibilities inherent in a free press. Students will apply the concepts of videography in the production of news videos for school dissemination through the school's website and as a video yearbook, giving them an opportunity to demonstrate their ability to use computers and video production equipment as tools for broadcast journalism. This course is designed not only for the student who explores journalism, and/or broadcast industry, but also for any student



who desires a basic understanding of how a free press functions as an element of our democratic society. In addition, some students will be engaged in video photojournalism, graphic design, writing, editing, video and audio editing, lighting, and set design as necessary components to the successful production of student-produced broadcast. Career planning and leadership training are also key components of this program.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: Broadcast Journalism or Teacher approval

Course Fees:

Location & Time: Englewood High School

Transportation: SHS may provide transportation (if possible).

### **Course Name: Broadcast Journalism**

Description: Students completing this course will demonstrate journalistic skill of broadcast reporting (writing, editing, and on camera presence), while also developing the technological skills involved in creating digital productions, including digital video, digital photography and film editing. Students will understand, accept, and apply the legal and ethical responsibilities inherent in a free press. Students involved in this course will write, produce, edit, and broadcast video for classroom use, and ultimately for school and district distribution.

Grade Level: 10, 11, 12

Course Length: 1 year

Prerequisites: Intro to Convergent Media or Teacher approval

Course Fees:

Location & Time: Englewood High School

Transportation: SHS may provide transportation (if possible).

## **ACTS Courses offered by Littleton**

### **Course Name: Health Sciences**

Description: The Littleton Health Sciences Program is a comprehensive two-semester course based on the National Consortium for Health Sciences Education Standards. During the first semester students explore the healthcare industry and begin to lay the foundation for an entry-level career. The rigorous curriculum includes: basic anatomy and physiology, medical terminology, health care systems, medical legal and ethical issues, and health career exploration. Students will be exposed to experts in the industry through guest speakers and field trips. Individual career pathways are developed during the second semester. Students may participate in the Nurse Aide Program, individual internships or other health career training opportunities. Professional portfolio development, employment skills and leadership training through the Health Occupations Students of America (HOSA) are emphasized during the second semester. College credit may be available. A visit is required as part of the application process.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: Biology recommended

Course Fees: \$

Location & Time:

Ames Facility (Littleton School District)

1<sup>st</sup> Sem: 7:30-9:30 am – or – 12:30 – 2:30 pm M-F  
2<sup>nd</sup> Sem: 7:00 – 9:45 am – or – 12:00 – 2:45 pm M-F  
Transportation: Student is responsible for transportation.

**Course Name: Teacher Cadet**

Description: The Teacher Cadet program is an innovative program that introduces high school students to the teaching profession. Students will explore the learner, the school, and the role of the teacher through exciting hands – on – activities, guest speakers, field trips, 15 hours of both classroom and other school observations, classroom observations, job shadowing and cooperative learning situations. During second semester, students will participate in an extended field experience in which the Cadets will work closely with a cooperative teacher for 10-121 weeks. The Cadets will be immersed in the classroom experience by helping students one – on – one or in large groups, plan lessons, grade, create and teach. This rewarding experience will also help Cadets earn both high school and college credit. Each Cadet will create their own portfolio throughout the entire year.

Grade Level: 11, 12

Course Length: 1 year

Prerequisites: Strong reading and writing skills

Course Fees: \$TBD

Location & Time:

Ames Facility (Littleton School District)

7:30 – 9:20 am M-F – or – 12:55 – 2:45 pm M – F

Transportation: Student is responsible for transportation.

**Course Name: Education Exploration**

Description: Education Exploration is a hands-on semester-long course designed to provide students with an overview of professions within education. Students will discover their own learning style and how learning styles impact teaching and the delivery of lessons. Experiences with various education professionals will enhance the understanding of classroom planning, licensure requirements and career opportunities within the school systems. This course includes a minimum of 15 extended learning hours, both inside and outside of class time.

Grade Level: 10, 11, 12

Course Length: First Semester only

Prerequisites: any student interested in exploring education as a career

Course Fees: TBD

Location & Time: Tues-Fri, 3<sup>rd</sup> hour

Transportation: Student is responsible for transportation.

Course Name: Fashion Design

Description: TBD

Grade Level: 11, 12

Course Length: TBD

Prerequisites: TBD

Course Fees: TBD

Location & Time: TBD

Transportation: Student is responsible for transportation.

**ACTS Courses offered by SHS at Arapahoe Community College**

**Course Name: Automotive Technology**

Description: The purpose of the Automotive Technology course 1-2 is to prepare students with the basic theory and skills required for a position within the automotive industry. Students will become familiar with the automobile and the numerous job opportunities within today's job market.

Grade Level: TBD

Course Length: TBD

Prerequisites: TBD

Course Fees: TBD

Location & Time: Arapahoe Community College

Transportation: SHS may provide transportation (if possible).