Douglas County High School

2021-2022 Academic Planning Guide

Douglas County Website

Douglas County High School
2842 Front Street
Castle Rock, CO 80104
Main Office: 303-387-1000

Everyone a Huskie!
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Jeff Gardella, Athletic Director
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Diane Shuck, Assistant Principal
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Casey Turnbaugh, Dean of Students
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Amy Wein (Students E - Hak)
Jim Davis (Students Hal – Kh)
Cory Monroe (Students Ki-Mh)
Amy Boyce (Students Mi – Rh)
Emme Mancuso (Students Ri-S)
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REGISTRAR

Shannon Mason
303-387-1080

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2021-2022 Academic Planning Guide

We have prepared this guide to help you plan your high school academic program. Included is information for you to use while you plan for the 2021-2022 school year and your entire high school career. Students and parents should work together to develop a four-year plan which meets your high school graduation goals. Students should work with their teachers in English, Mathematics, Science, Social Studies, and World Languages, to ensure that they will register for courses which meet their skill/knowledge levels and post-high school plans. Each student has been assigned a counselor to help guide them throughout their high school years.

Using This Guide

You Should Consider the Following:

• Be aware of college entrance requirements, especially the Higher Education Admission Recommendations (HEAR) on page 19.

• Learn and know the DCSD and DCHS graduation requirements on pages 9 - 17.

• Before selecting a course, explore your career and academic options through Naviance (page 8) and the course descriptions beginning on page 38, to be sure that the course fits your academic needs, interests, and abilities. Some courses require prerequisite courses or teacher approval before registration. If you have questions, look for drop-in dates for course-selection advising.

Naviance Allows You to:

• Keep track of the college application process as well as request transcripts and letters of recommendation – Build a resume, and manage timelines and deadlines for making decisions about colleges and careers.

• Discover your interests, explore careers, and learn more from Roadtrip Nation, through interviews with leaders from many different fields.

• Search/Research colleges – Compare GPA, college entrance scores, and statistics to actual historical data from our school for students who have applied and been admitted in the past.

• Sign up for college visits – Find out which colleges are visiting our school and sign up to attend those sessions.

We have provided a four-year planning worksheet for you, to give you an idea of what your high school academic career may look like. Remember, this is simply to help you with registration, prerequisites, planning for college, and to make sure you are completing graduation requirements. At Douglas County High School, we are dedicated to offering you the very best high school experience. We look forward to getting acquainted with you and your family. We are here to help you! Please let us know if you have any questions about registration. EVERYONE A HUSKIE!
## 4-YEAR PLAN

### 9th GRADE – 1ST SEMESTER
- LANGUAGE ART (ENGLISH) 0.5
- MATHEMATICS 0.5
- SCIENCE 0.5
- SOCIAL STUDIES 0.5
- WORLD LANGUAGE 0.5
- ELECTIVE 1 0.5
- ELECTIVE 2 0.5

### 9th GRADE – 2ND SEMESTER
- LANGUAGE ART (ENGLISH) 0.5
- MATHEMATICS 0.5
- SCIENCE 0.5
- SOCIAL STUDIES 0.5
- WORLD LANGUAGE 0.5
- ELECTIVE 3 0.5
- ELECTIVE 4 0.5

7.0 Credits for the Freshman Year

### 10th GRADE – 1ST SEMESTER
- LANGUAGE ART (ENGLISH) 0.5
- MATHEMATICS 0.5
- SCIENCE 0.5
- SOCIAL STUDIES 0.5
- WORLD LANGUAGE 0.5
- ELECTIVE 1 0.5
- ELECTIVE 2 0.5

### 10th GRADE – 2ND SEMESTER
- LANGUAGE ART (ENGLISH) 0.5
- MATHEMATICS 0.5
- SCIENCE 0.5
- SOCIAL STUDIES 0.5
- WORLD LANGUAGE 0.5
- ELECTIVE 3 0.5
- ELECTIVE 4 0.5

6.5 to 7 Credits for the Sophomore Year

### 11th GRADE – 1ST SEMESTER
- LANGUAGE ART (ENGLISH) 0.5
- MATHEMATICS 0.5
- SCIENCE 0.5
- SOCIAL STUDIES 0.5
- ELECTIVE 0.5
- ELECTIVE 0.5
- Elective or *Admin Dismiss* 0.5/0.0

### 11th GRADE – 2ND SEMESTER
- LANGUAGE ART (ENGLISH) 0.5
- MATHEMATICS 0.5
- SCIENCE 0.5
- SOCIAL STUDIES 0.5
- ELECTIVE 0.5
- ELECTIVE 0.5
- Elective or *Admin Dismiss* 0.5/0.0

6 to 7 Credits for the Junior Year

### 12th GRADE – 1ST SEMESTER
- LANGUAGE ART (ENGLISH) 0.5
- MATHEMATICS 0.5
- SCIENCE 0.5
- ELECTIVE 0.5
- ELECTIVE 0.5
- Elective or *Admin Dismiss* 0.5/0.0
- Elective or *Admin Dismiss* 0.5/0.0

### 12th GRADE – 2ND SEMESTER
- LANGUAGE ART (ENGLISH) 0.5
- MATHEMATICS 0.5
- SCIENCE 0.5
- ELECTIVE 0.5
- ELECTIVE 0.5
- Elective or *Admin Dismiss* 0.5/0.0
- Elective or *Admin Dismiss* 0.5/0.0

5 to 7 Credits for the Senior Year

**A MINIMUM OF 24 TOTAL CREDITS IS REQUIRED FOR GRADUATION**

*Administration Dismissal (Admin Dismiss) is only applicable and permitted if a student is on track to graduate.

College bound students should consider taking Mathematics & Science all 4 years.

Most colleges require 2-3 yrs. of a single World Language for admission; level III or higher counts as Practical or Fine Arts elective.

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21-22 Course Registration Guides

Click HERE for instructions on how to enter your DCHS course selections for 2021-2022 in Infinite Campus.

The 21-22 Infinite Campus course registration window will remain open until Friday evening February 5, 2021.

Freshmen Class of 2025 Registration Presentation
Click HERE for Your Registration Guide

Sophomore Class of 2024 Registration Presentation
Click HERE for Your Registration Guide

Junior Class of 2023 Registration Presentation
Click HERE for Your Registration Guide

Senior Class of 2022 Video Registration Presentation
Slides Registration Update
Click HERE for Your Registration Guide

Everyone a Huskie!
<table>
<thead>
<tr>
<th>SUBJECT/ Minimum Credits</th>
<th>CURRENT CREDITS</th>
<th># OF CREDITS NEEDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 4.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math* 3.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science* 3.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>World History 1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. History 1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives .5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government .5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.E. 1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Arts 1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practical Arts 1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives 8.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Any classes taken in shaded area = Elective Credits
- *(College bound students should consider taking math & science all 4 years.)*
- Most Colleges require 2-3 yrs. of a single World Language for admission.
- *Must Pass Algebra I to graduate*
- *Level III or higher of World Language can count as Practical or Fine Arts*

Total Credits = 24 (each square is .5 credits)
How do I know what classes to take?

The key to a successful high school career is to PLAN AHEAD. Through Naviance, you can connect your high school academic achievement to your post-secondary college and career goals.

- Connect Learning and Life!
- Discover your individual strengths and learning styles!
- Explore college and career options!
- Plan your 4 years at Douglas County High School with an eye toward graduation requirements, college and career plans, and working toward your goals, skills, knowledge, values, constraints and interests!

Begin by mapping out your high school journey. Set some tentative career and educational goals so that you can choose the courses that are appropriate for you. By planning ahead, you will ensure the courses you take NOW will help you reach your future goals.

For additional information about Naviance:

**Naviance: College & Career Readiness Technology Solution**

To access your Naviance account log-in:
To receive a diploma and graduate from a Douglas County high school a student must earn a minimum of 24.0 credits. These academic requirements reflect the minimum program which a student can complete and still earn a high school diploma. For the majority of high school students, particularly those students who are planning post high school education, pursuit of a challenging academic program is the most important consideration.

Douglas County students will begin accruing credits towards earning a diploma and graduation beginning in the ninth grade.

Specific subject/course requirements are outlined in the policies listed on the DOUGLAS COUNTY SCHOOL DISTRICT WEBSITE.

OVERVIEW OF ACADEMIC REQUIREMENTS

In order to graduate from DOUGLAS COUNTY HIGH SCHOOL, the student must pass 24.0 credits in grades 9-12 including:

CORE Curricular Areas - Credits Required
- Language Arts 4.0
- Mathematics 3.0*
- Science 3.0
- Social Studies 3.0**
  Preferred Pathway: 1.0 World History, 1.0 US History, 0.5 US Government and 0.5 Social Studies Elective
- Practical Arts 1.0
- Fine Arts 1.0
- Physical Education 1.0

*Must include a minimum of Algebra 1 as one of the 3.0 credits;
** Must include 1.0 credit of US or World History and 0.5 credits of US Government

Total Core Required: 16.0
Electives: 8.0
TOTAL CREDITS REQUIRED: 24.0  
TOTAL COMMUNITY SERVICE HOURS REQUIRED: 20  
(Documentation required to the counseling office at least 48 hours before graduation).

RESIDENCY REQUIREMENTS

A diploma will be issued from the school in which the student spent his/her last full semester prior to meeting Douglas County Graduation Requirements unless prior written arrangements have been secured from the principal of the receiving school.

Ninth, tenth, and first semester eleventh grade students who transfer into a Douglas County High School must satisfactorily meet all of the District’s Academic Requirements, Behavioral Expectations, and community service requirements to receive a diploma from a Douglas County High School.

Second semester eleventh and twelfth grade students who transfer into a Douglas County High School must satisfactorily meet all of the District’s 16.0 "Core Credit" requirements, the District’s Behavioral Expectations, community service requirement, and at least 6.5 of the 8.0 "Elective Credit" requirement to receive a diploma from a Douglas County High School.

PARTICIPATION IN GRADUATION EXERCISES

To participate in graduation exercises at DOUGLAS COUNTY HIGH SCHOOL, students must meet all of the following 48 hours prior to the ceremony:

1. Successfully complete all of the "academic requirements," as described above, including correspondence and other out-of-school coursework no later than forty-eight hours prior to graduation exercises. Students identified as disabled, under the Individuals with Disabilities Education Act, must successfully complete all of the "academic requirements" as described in their Individual Education Plan (IEP). Students’ transition requirements for credit need not be completed prior to their participation in graduation exercises;

2. Be a full time student (as defined as taking the equivalent of six classes per semester (including Homeroom) which are transcripted through a Douglas County High School);

3. Wear, without alteration, the designated cap and gown and must have appearance and dress that conforms to standards established by the Board of Education and/or building principal;

4. Demonstrate behavior (during the semester prior to graduation) deemed by the building principal, to be compatible with the District’s Behavioral Expectations and, as described in IKF-R;

5. Cooperate fully with the school’s staff during all school sponsored senior activities, including graduation exercises; and,

6. Return all school/District property and clear all outstanding debts owed the school and/or the School District.

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The foreign exchange student may participate in the high school graduation ceremony and receive a certificate of attendance if the student has successfully completed all enrolled courses.

DCSD Graduation Requirements Video

DCSD Graduation Requirements Info Link

GRADUATION REQUIREMENTS 2021 & BEYOND

The Douglas County School District is committed to ensuring that every student is college and career ready. Beginning with the Class of 2021, students must meet four requirements in order to graduate and receive a high school diploma.

1. Create an Academic Plan
   Students will create and complete an Individual Career and Academic Plan (ICAP) and/or Individualized Education Program (IEP) that meets the District’s graduation requirements.
   Board Policy KFB – Graduation Requirements

2. Earn 24 Credits
   Students must satisfy all of the following requirements:
   a. 16 Credits in the following CORE Curricular Areas as follows:
      - Language Arts 4.0
      - Mathematics 3.0*
      - Science 3.0
      - Social Studies 3.0 **
      - Practical Arts 1.0
      - Fine Arts 1.0
      - Physical Education 1.0
   
   *Must include a minimum of Algebra 1 as one of the 3.0 credits;
   **Must include 1.0 credit of US or World History and 0.5 credits of Civics/Gov't.
   b. 8 Credits in Electives

   Board Policy KFB – Graduation Requirements

3. Perform Community Service
   Students must document a minimum of twenty hours community service while enrolled as a high school student.
   Board Policy KFB – Community Service

4. Demonstrate competence in English & Math
   Finally, students must demonstrate college and career readiness in both Mathematics and English by meeting or exceeding the required level of readiness in one of the following methods*:

<table>
<thead>
<tr>
<th>English</th>
<th>Math</th>
</tr>
</thead>
<tbody>
<tr>
<td>Next Generation ACCUPLACER</td>
<td>ACT</td>
</tr>
<tr>
<td>241 or College-Level Math</td>
<td>19</td>
</tr>
<tr>
<td>224 or Math 104 or Math 105</td>
<td>18</td>
</tr>
<tr>
<td>Classic ACCUPLACER</td>
<td>ACT</td>
</tr>
<tr>
<td>470</td>
<td>18</td>
</tr>
<tr>
<td>SAT</td>
<td>18</td>
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<tr>
<td>ASVAB</td>
<td>18</td>
</tr>
</tbody>
</table>

   *Must include a minimum of Algebra 1 as one of the 3.0 credits;
   **Must include 1.0 credit of US or World History and 0.5 credits of Civics/Gov't.

   Board Policy KFB – Graduation Requirements

Superintendent File: KFR-3 – Graduation Competencies
# Graduation Requirements

## 2021 & Beyond

### Graduation Competencies

*(beginning with the Class of 2021)*

Beginning with the class of 2021, in addition to satisfying the district’s graduation requirements, district students will also be required to demonstrate college and career readiness via one of the approved methods outlined in the chart below in order to receive a diploma from a district school. Students must provide documentation of meeting or exceeding the required level of readiness in both Mathematics and English through one of the following:

<table>
<thead>
<tr>
<th>Method</th>
<th>English Requirements</th>
<th>Math Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Next Generation ACCUPLACER 2</td>
<td>241 on Reading or 2</td>
<td>255 on Arithmetic (AA) or 256 on Arithmetic (AM)</td>
</tr>
<tr>
<td></td>
<td>236 on Writing</td>
<td>236 on Quantitative Reasoning, Algebra, and Statistics (QAS)</td>
</tr>
<tr>
<td>Classic ACCUPLACER 62</td>
<td>62 on Reading Comprehension or 70 on Sentence Skills</td>
<td>61</td>
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<tr>
<td>ACT 18</td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>ACT WorkKeys Bronze+</td>
<td>Bronze+</td>
<td></td>
</tr>
<tr>
<td>Advanced Placement 2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>ASVAB 31</td>
<td>31</td>
<td>31</td>
</tr>
<tr>
<td>Concurrent Enrollment Passing Grade</td>
<td></td>
<td>Passing Grade</td>
</tr>
<tr>
<td>International Baccalaureate 4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>SAT 470</td>
<td>470</td>
<td>500</td>
</tr>
<tr>
<td>District Capstone Individualized</td>
<td></td>
<td>Individualized</td>
</tr>
<tr>
<td>Industry Certificate Individualized</td>
<td></td>
<td>Individualized</td>
</tr>
</tbody>
</table>

* * Under development

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College and career demonstrations necessary to earn a standard high school diploma may be adjusted to accommodate English learners, gifted students and students with disabilities.

Adopted: October 18, 2016

**LEGAL REFs:**
- C.R.S. 22-1-103 through 22-1-111
- C.R.S. 22-32-109 (1)(ff)

**CROSS REFs:**
- IKE, Promotion and Retention of Students
- IKF, Graduation Requirements
- IKFA, Early Graduation
- JECBA, Admission of Foreign Students
## Definitions of Graduation Competencies

<table>
<thead>
<tr>
<th>Competency</th>
<th>English</th>
<th>Math</th>
<th>Description</th>
<th>Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Classic ACCUPLACER</strong></td>
<td>62 on Reading Comprehension or 70 on Sentence Skills</td>
<td>61</td>
<td>ACCUPLACER is a computerized test that assesses reading, writing, math and computer skills. The results of the assessment, in conjunction with a student’s academic background, goals, and interests, are used by academic advisors and counselors to place students in college courses that match their skill levels.</td>
<td>● <a href="#">Accuplacer Homepage</a></td>
</tr>
<tr>
<td><strong>Next Generation ACCUPLACER</strong></td>
<td>241 on Reading or 236 on Writing</td>
<td>255 on Arithmetic (AR) or 236 on Quantitative Reasoning, Algebra, and Statistics (QAS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ACT</strong></td>
<td>18</td>
<td>19</td>
<td>ACT is a national college admissions exam. It measures four subjects – English, reading, math, and science. The highest possible score for each subject is 36.</td>
<td>● <a href="#">ACT Homepage</a></td>
</tr>
<tr>
<td><strong>ACT WorkKeys</strong></td>
<td>Bronze+</td>
<td>Bronze+</td>
<td>ACT WorkKeys is an assessment that tests students’ job skills in applied reading, writing, mathematics, and 21st-century skills. Scores are based on job profiles that help employers select, hire, train, develop, and retain a high-performance workforce. Students who score at the bronze level (at least 3) in applied mathematics, mapping, and reading earn the ACT’s National Career Readiness Certificate.</td>
<td>● <a href="#">ACT WorkKeys Homepage</a></td>
</tr>
<tr>
<td><strong>Advanced Placement (AP)</strong></td>
<td>2</td>
<td>2</td>
<td>AP exams test a student’s ability to perform at a college level. Districts choose which AP exams will fulfill this menu option. Scores range from 1 to 5 (highest). Specific courses qualify.</td>
<td>● <a href="#">AP Homepage</a> ○ <a href="#">Eligible AP Courses</a></td>
</tr>
<tr>
<td><strong>Armed Services Vocational Battery (ASVAB)</strong></td>
<td>31</td>
<td>31</td>
<td>The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine students’ eligibility and suitability for careers in the military. Students who score at least 31 are eligible for service (along with other standards that include the physical condition and personal conduct). Students who take the ASVAB are not required to enlist in the military. The highest possible score for each section is 99.</td>
<td>● <a href="#">ASVAB Homepage</a></td>
</tr>
<tr>
<td>Competency</td>
<td>English</td>
<td>Math</td>
<td>Description</td>
<td>Resources</td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------</td>
<td>------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>Concurrent Enrollment (CE)</td>
<td>Passing Grade</td>
<td>Passing Grade</td>
<td>Concurrent enrollment provides students the opportunity to enroll in postsecondary courses, simultaneously earning high school and college credit.</td>
<td>● DCSD’s Concurrent Enrollment Homepage ○ Eligible CE Courses</td>
</tr>
<tr>
<td>International Baccalaureate (IB)</td>
<td>4</td>
<td>4</td>
<td>IB exams assess students enrolled in the official IB Diploma Programme. Courses are offered only at authorized IB World Schools. Scores range from 1 to 7 (highest). Specific courses qualify.</td>
<td>● IB Homepage ○ Eligible IB Courses</td>
</tr>
<tr>
<td>SAT</td>
<td>470</td>
<td>500</td>
<td>The SAT is a college entrance exam that is accepted or required at nearly all four-year colleges and universities in the U.S. The current SAT includes sections on reading, language/writing, and math. The highest possible score for each section is 800.</td>
<td>● SAT Homepage</td>
</tr>
<tr>
<td>District Capstone</td>
<td>Individualized</td>
<td>Individualized</td>
<td>Capstone projects are district determined; a capstone is a student’s project or experience that demonstrates academic proficiency in math and English.</td>
<td>● Capstone Handbook</td>
</tr>
<tr>
<td>Industry Certificate</td>
<td>Individualized</td>
<td>Individualized</td>
<td>An industry certificate is a credential recognized by business and industry. Industry certificates measure a student’s competency in an occupation, and they validate a knowledge base and skills that show mastery in a particular industry.</td>
<td>● Qualifying Programs/Certificates</td>
</tr>
</tbody>
</table>
AP Courses for Competency

1State law (C.R.S. 22-22-2-106 (1) (a.5)) requires school districts to develop graduation requirements that meet or exceed the Colorado Graduation Guidelines, including core competencies, starting with ninth-graders in 2017-18. The Colorado Department of Education has granted school districts the discretion to determine which Advanced Placement, International Baccalaureate, and Concurrent enrollment courses can count as a graduation competency (Colorado Department of Education - Graduation Guidelines Fact Sheet).

Advanced Placement Courses

A score of 2 or higher on the AP exam in these courses will satisfy the graduation competency requirement for English or math.

AP courses that meet an English or Math competency were determined by analyzing each subject area test. The structure of the subject area tests had to have no more than 50% multiple-choice since a score of 2 is easier to achieve with MC being higher than 50%. Also, the Free Response section had to have questions that prompted the students to defend an argument, analysis, or evaluation of information, and students had to write essays or show mathematical analysis to answer the prompts.

<table>
<thead>
<tr>
<th>Math Competency</th>
<th>English Competency</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Biology</td>
<td>AP European History</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>AP US History</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>AP World History Modern</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>AP Language &amp; Composition</td>
</tr>
<tr>
<td>AP Environmental Science</td>
<td>AP Literature &amp; Composition</td>
</tr>
<tr>
<td>AP Physics C</td>
<td></td>
</tr>
<tr>
<td>AP Physics 1 - Algebra-based</td>
<td></td>
</tr>
<tr>
<td>AP Physics 2 - Algebra-based</td>
<td></td>
</tr>
<tr>
<td>AP Statistics</td>
<td></td>
</tr>
<tr>
<td>AP Microeconomics</td>
<td></td>
</tr>
<tr>
<td>AP Macroeconomics</td>
<td></td>
</tr>
</tbody>
</table>

Course Description Language in Infinite Campus:
Graduation Competency Eligible - A score of 2 or higher on the AP exam in this course will satisfy the graduation competency requirement for English (or math).

1 Updated 3/3/2019
## Concurrent Enrollment Courses

Concurrent enrollment courses can be used to demonstrate graduation competence if **all** of the following conditions are met:

- Only courses that are available through institutions where there is a District Memorandum of Understanding (MOU) *.
- Students enroll in specific courses (see below).
- Students must receive a passing grade in order to receive a competency**.

* Douglas County School District currently has an MOU with Arapahoe Community College (ACC).

** Tracking a passing grade for this course is not necessary as the minimum requirements for ACC (Next Gen ACCUPLACER, ACT, or SAT) meet or exceed CDE’s graduation requirements.

<table>
<thead>
<tr>
<th>Math Competency</th>
<th>English Competency</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC-MAT 120 Mathematics for Liberal Arts</td>
<td>ACC-LIT 115 Intro to Literature</td>
</tr>
<tr>
<td>ACC-MAT 121 College Algebra **</td>
<td>ACC-ENG 121 English Comp I **</td>
</tr>
<tr>
<td>ACC-MAT 122 College Trig **</td>
<td>ACC-ENG 122 English Comp II</td>
</tr>
<tr>
<td>ACC-MAT 123 Finite Mathematics **</td>
<td></td>
</tr>
<tr>
<td>ACC-MAT 125 Survey of Calculus **</td>
<td></td>
</tr>
<tr>
<td>ACC-MAT 135 Intro Statistics</td>
<td></td>
</tr>
<tr>
<td>ACC-MAT 201 Calculus I **</td>
<td></td>
</tr>
<tr>
<td>ACC-MAT 202 Calculus II</td>
<td></td>
</tr>
<tr>
<td>ACC-MAT 255 Linear Algebra</td>
<td></td>
</tr>
</tbody>
</table>

Arapahoe Community College - Colorado’s Guaranteed Transfer Credit Site
Arapahoe Community College - Course Placement Matrix

Course Description Language in Infinite Campus:
Graduation Competency Eligible - A passing grade in this course will satisfy the graduation competency requirement for English (or math).
International Baccalaureate Courses

A score of 4 or higher on the end of course exams in the following courses will satisfy the graduation competency requirement for English or math.

IB Diploma Program (IBDP) courses that meet English and Math proficiencies were determined by analyzing each subject area test and internal assessments. IBDP students are required to design, implement, analyze and submit a research paper in all IBDP course subjects.

<table>
<thead>
<tr>
<th>Math Competency</th>
<th>English Competency</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB Mathematics: A &amp; I SL I</td>
<td>IB English (HL)</td>
</tr>
<tr>
<td>IB Mathematics: A &amp; A (SL I &amp; II)</td>
<td>IB Enviro Systems/Societies (SL)</td>
</tr>
<tr>
<td>IB Enviro Systems/Societies (SL)</td>
<td>IB Film Studies (SL or HL)</td>
</tr>
<tr>
<td>IB Biology (HL)</td>
<td>IB Business Management (SL or HL)</td>
</tr>
<tr>
<td>IB Chemistry (SL)</td>
<td>IB History (SL or HL)</td>
</tr>
<tr>
<td>IB Physics (SL)</td>
<td>IB Philosophy (SL or HL)</td>
</tr>
<tr>
<td></td>
<td>IB Psychology (SL or HL)</td>
</tr>
<tr>
<td></td>
<td>IB Theatre</td>
</tr>
<tr>
<td></td>
<td>IB Art (Art Design I/II SL or HL)</td>
</tr>
<tr>
<td></td>
<td>IB Theory of Knowledge</td>
</tr>
</tbody>
</table>

Course Description Language in Infinite Campus:
Graduation Competency Eligible - A score of 4 or higher on the IB exam in this course will satisfy the graduation competency requirement for English (or math).
## GPA and Test Score Ranges of Admitted First-Time Freshmen - Fall 2019 Data

Colleges and Universities

<table>
<thead>
<tr>
<th>Institution</th>
<th>High School GPA</th>
<th>ACT*</th>
<th>SAT**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mid-50% GPA range of admitted students</td>
<td>Mid-50% ACT range of admitted students</td>
<td>Taken March 2016 &amp; After</td>
</tr>
<tr>
<td></td>
<td>(4.0 scale - includes weighted GPAs)</td>
<td>(composite scores)</td>
<td>Mid-50% SAT range of admitted students</td>
</tr>
<tr>
<td>Adams State University</td>
<td>2.90 - 3.70</td>
<td>17 - 22</td>
<td>910 - 1090</td>
</tr>
<tr>
<td>Colorado Mesa University</td>
<td>3.24 - 3.92</td>
<td>20 - 26</td>
<td>1010 - 1200</td>
</tr>
<tr>
<td>Colorado School of Mines</td>
<td>3.75 - 4.00**</td>
<td>29 - 33</td>
<td>1330 - 1470</td>
</tr>
<tr>
<td>Colorado State University Fort Collins</td>
<td>3.42 - 4.00</td>
<td>23 - 30</td>
<td>1100 - 1300</td>
</tr>
<tr>
<td>Colorado State University Global</td>
<td>2.50 - 3.05</td>
<td>21 - 22</td>
<td>990 - 1140</td>
</tr>
<tr>
<td>Colorado State University Pueblo</td>
<td>2.96 - 3.86</td>
<td>18 - 24</td>
<td>940 - 1130</td>
</tr>
<tr>
<td>Fort Lewis College</td>
<td>3.05 - 3.81</td>
<td>18 - 24</td>
<td>1010 - 1208</td>
</tr>
<tr>
<td>Metropolitan State University of Denver</td>
<td>2.82 - 3.64</td>
<td>17 - 23</td>
<td>900 - 1110</td>
</tr>
<tr>
<td>University of Colorado Boulder</td>
<td>3.52 - 4.00</td>
<td>26 - 32</td>
<td>1180 - 1380</td>
</tr>
<tr>
<td>University of Colorado Colorado Springs</td>
<td>3.16 - 3.90</td>
<td>21 - 26</td>
<td>1010 - 1210</td>
</tr>
<tr>
<td>University of Colorado Denver</td>
<td>3.27 - 3.99</td>
<td>21 - 28</td>
<td>1020 - 1240</td>
</tr>
<tr>
<td>University of Northern Colorado</td>
<td>3.13 - 3.90</td>
<td>20 - 26</td>
<td>990 - 1200</td>
</tr>
<tr>
<td>Western Colorado University</td>
<td>3.11 - 3.90</td>
<td>20 - 27</td>
<td>1020 - 1200</td>
</tr>
</tbody>
</table>

* The high school graduating class of 2021 has the option to submit or not submit their ACT/SAT scores for admission due to test cancellations in 2020. Visit here for more information: [https://highered.colorado.gov/college-admission-use-of-national-test-scores](https://highered.colorado.gov/college-admission-use-of-national-test-scores)

* SAT totals = Evidenced Based Reading & Writing + Math subscores. It does NOT include the Essay or Written Component score. ** Colorado School of Mines uses unweighted GPAs only in making admission decisions. Colorado Community Colleges are open admission and do not have admission standard requirements.

For additional information including transfer admissions, please visit: [https://highered.colorado.gov/students/preparing-for-college/admissions-eligibility](https://highered.colorado.gov/students/preparing-for-college/admissions-eligibility)
Freshman admission standards apply to students who:
* are applying to go to college right after high school graduation; and/or
* have earned fewer than 24 college level credit hours after high school graduation.

Freshman admission formula illustration and details:

Colorado public four-year colleges and universities consider the following in making first-time freshman admission decisions:
> High School GPA (if your high school provides a weighted GPA on your transcript, it is usually considered in the admission process)
> Test Scores—either SAT or ACT (if taking the SAT, visit the Khan Academy to prep for the exam) - institutions will often consider subject scores too
> Academic course mix and rigor (see below for more information)
> Extracurricular activities and other considerations (includes internships, work, sports, leadership, extenuating circumstances, etc.)

Academic Course Mix and Rigor:
Course rigor can include Concurrent/Dual Enrollment courses, Honors, AP, IB, and more.
Course mix is represented by the Higher Education Admission Recommendations (HEAR): the type and number of high school courses students should successfully complete to demonstrate college readiness - these courses can also be substituted with internships, capstones, and similar in the relevant academic areas:

<table>
<thead>
<tr>
<th>Academic Area</th>
<th>Recommended Number of Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 Units</td>
</tr>
<tr>
<td>*Mathematics</td>
<td>4 Units</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3 Units (2 units lab-based)</td>
</tr>
<tr>
<td>Social Science</td>
<td>3 Units (1 Unit U.S. or world history)</td>
</tr>
<tr>
<td>World Language</td>
<td>1 Unit</td>
</tr>
<tr>
<td>Academic Electives</td>
<td>2 Units</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>17 Units</strong></td>
</tr>
</tbody>
</table>

A unit = one year of a high school course. If you are taking a college level course while in high school, one semester = one unit.

*Currently, the HEAR math recommendation is that students should complete up through Algebra 2. However, some college programs require freshman students to be ready for calculus. Some recommend Statistics or Math for Liberal Arts preparation. If you know which program or area of study you wish to pursue in college, contact the admission or academic advising office at the institution you are considering for specific math preparation information.

Revised: July 17, 2020

For additional information on admission standards for Colorado’s public four-year colleges and universities:

CDHE College Admissions
DIANE SHUCK-GRAY – Assistant Principal/Activity Director’s Message

Welcome to the Activities office of Douglas County High School. ‘DC’ is a large school, and with that offers many opportunities for students to get involved. We are proud to offer students multiple clubs and activities. Better grades, new friendships and improved time management skills are only a few of the many benefits gained by participating in extra/co-curricular activities. Students can make a significant impact in their high school career bridging into adulthood by getting involved. We encourage ALL of our students to participate in an activity. Activities play a critical role in the education process. Research shows athletics, music, drama and clubs support student learning and enrich school experiences.

According to the National Federation of State High Schools Association, students who participate in activities programs have higher grade point averages, better attendance records, lower dropout rates and fewer disciplinary problems. The association also says participation in activities is a predictor of a student’s later success in higher learning, a career and in becoming a contributing member of society as a whole.

Students involved in activities learn powerful lessons about teamwork, camaraderie, responsibility, hard work and self-discipline. I hope every Douglas County student has a rewarding high school experience filled with valuable experiences in clubs and activities. You only get to experience high school life once. Make the most of it in everything you do!! GET INVOLVED!! For more information about the numerous opportunities you will find at Douglas County High School, please visit the ACTIVITIES page on our website.

**ACTIVITIES**
- Choir
- Color Guard
- DC Chronicle
- DECA
- FBLA
- FCCLA
- FFA
- Link Crew
- Marching Band
- Peer Counselors
- Speech & Debate
- Student Council
- Theatre/Thespians
- Yearbook
- Orchestra

**CLUBS**
- Adventure Club
- Anime Club
- Art Club/NAHS
- Book Club
- Country Cares Club
- Diversity
- FCCLA Fashion Club
- Fellowship Christian Athletes
- GSA
- Link Crew
- Mock Trial
- National Honor Society
- Photography
- Politics Club
- Project Unify
- Robotics
- SADD
- TSA Club

**DANCES**
- Back to School COLOR Dance
- Homecoming
- Prom

**WISH WEEK**

**CAMP DC**

**AFTER PROM**

Everyone a Huskie!
JEFF GARDELLA – Athletic Director’s Message

Welcome to the Athletics office of Douglas County High School. Participation in an extracurricular activity is a privilege these students achieve through their sacrifices, dedication, and commitment. It is the belief of the DCHS Athletic Department to provide a positive and rewarding experience for our students. This is accomplished with the help of positive role models and a proper sense of value.

We expect all of our representatives, students and adults, to be credible citizens and to approach each event with the highest level of responsibility. In addition, the underlying value of all high school activities is sportsmanship. It establishes the standard for the conduct of participants, fans, and the game itself. Sportsmanship helps develop the character of participants and contributes to the strength and the civility of sports and, ultimately, society.

Douglas County High School offers the following sports in multiple levels for every season. The Fall sports are: Football, Boys Soccer, Softball, Boys and Girls Cross Country, Volleyball, Boys Tennis, Boys Golf, Gymnastics (co-op w/ Ponderosa), Cheer, and Poms. The Winter Sports are: Boys and Girls Basketball, Wrestling, Swim & Dive, Cheer, and Poms. The Spring sports are: Boys and Girls Lacrosse, Boys and Girls Track & Field, Girls Soccer, Baseball, Girls Tennis, Girls Golf, Boys Swim & Dive, and Boys Volleyball (co-op w/Castle View and Rock Canyon). There is a District Participation fee of $200 per sport and in addition, some programs have additional Booster Club fees associated with participating. Many of these additional fees will be listed on the Athletic Teams webpage.

For a student athlete to be eligible to participate in athletics, they must be enrolled in and passing at least 5 full credit classes per semester (Advisement and Aide classes do not count). Eligibility checks are conducted every 6 weeks, which aligns with our school’s progress report checks. In addition, student athletes are required to have an annual medical physical that is signed by a doctor as well as be registered online with the respective sport’s website.

For more information about the opportunities to compete at DCHS, please visit the ATHLETICS page on our website or go to http://www.dchuskies.org/home.

Everyone a Huskie!
Want to Play College Sports? You MUST Know Your Core Course GPA. EVERY Semester Counts.

SCAN BELOW TO ACTIVATE YOUR FREE STUDENT MEMBERSHIP

Custom Software - Your School's NCAA Approved Core Courses Pre-loaded
Calculates NCAA Core Course GPA and Test Score Minimums for NCAA DI & DII in Seconds
Manages the New NCAA DI Rules for 2016 and the New NCAA DII rules for 2018
Entry of Projected Courses Allows for Goal Setting and Detailed Course Planning
65% of Student-Athlete Members Focus More on their Grades and 98% Maintain or Increase their GPA
No Typing - All Course Data Entered via Drop-down Lists
Answers Common Questions about NCAA Eligibility and The Recruiting Process

PROVIDED BY DOUGLAS COUNTY HIGH SCHOOL

CoreCourseGPA.com

Everyone a Huskie!
23
Are you ready to play college sports?

The advantages of competing in college sports are both immediate and lifelong. Participating in college sports provides opportunities to learn, compete and succeed. Student-athletes receive top-notch academic support, quality medical care and regular access to outstanding coaching, facilities and equipment. Student-athletes as a group graduate at higher rates than their peers in the general student body and feel better prepared for life after college. [From the NCAA website]

College-bound student-athletes preparing to enroll in a Division I or Division II school need to register with the NCAA Eligibility Center to ensure they have met amateurism standards and are academically prepared for college coursework.

Are you ready to play college sports? Download this brochure to find out.

For additional information about NCAA Eligibility:
NCAA Eligibility Center

National Collegiate Athletic Association approved courses

Everyone a Huskie!

24
CAREER PATHWAYS

Career Pathways at DCHS provide students with rigorous curricula connected with focused, hands-on, relevant learning that prepares them for higher education and the workforce. Pathways are designed to:

- Prepare students for college and careers
- Engage students through career exploration and relevant core academics.
- Position students to compete globally for high-demand, high-skill, high-paying careers.

In addition to Core Academic subjects, DCHS is focused on building and developing educational opportunities in the following five pathways:

- Agriculture, Food, and Natural Resources
- Business, Marketing and Computer Science
- Arts, A/V Technology, and Communications
- Hospitality, Design, Food Services, and Human Services
- Skilled Trades, Technical Sciences, and Automotive Technology

These pathways, along with the Core Academic subjects offered at DCHS, encourage students to become active, compassionate, and lifelong learners, in alignment with the DCHS Learner Profile.

We encourage you to discuss your interests, and how these courses may help you complete your high school graduation requirements, with your parents/guardians, your counselor, and with the teachers who specialize in these career pathways.

Career Pathway Course Charts

The careers listed in the charts below are only small samplings of potential careers in the growing and vibrant fields of agriculture, visual arts, business, marketing, computer science, family consumer sciences, and vocational technology.

Agriculture Pathways at DCHS

<table>
<thead>
<tr>
<th>CTE Course Path</th>
<th>Sample of Potential Careers</th>
<th>Sample of Potential Careers</th>
<th>Sample of Potential Careers</th>
<th>Sample of Potential Careers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ag Equipment Operator</td>
<td>Agricultural Manager</td>
<td>Veterinary Assistant</td>
<td>Conservation Scientist Forester</td>
<td>Agricultural Product Salesperson</td>
</tr>
<tr>
<td>Agricultural Manager</td>
<td>Rancher</td>
<td>Veterinary Technician</td>
<td>Soil Scientist Agronomist</td>
<td>Greenhouse Prod/Mgr</td>
</tr>
<tr>
<td>Agriscience Educator</td>
<td>Animal &amp; Food Science Technician</td>
<td>Veterinarian</td>
<td>Agriscience Horticulture Science</td>
<td>Agriculture Business</td>
</tr>
<tr>
<td>Starting Salary Range: $25,000 - $45,000</td>
<td>Starting Salary Range: $35,000 - $50,000+</td>
<td>Starting Salary Range: $25,000 - $45,000</td>
<td>Agriscience Animal Science</td>
<td>Agriculture Business</td>
</tr>
<tr>
<td>Agriscience Animal Science</td>
<td>Veterinary Assistant</td>
<td>Intro to Vet Science</td>
<td>Veterinary Assistant</td>
<td>Agriculture Business</td>
</tr>
<tr>
<td>Agriculture Business</td>
<td>Agriscience Horticulture Science</td>
<td>Agriculture Business</td>
<td>Agriscience Animal Science</td>
<td>Agriculture Business</td>
</tr>
<tr>
<td>Agriscience Horticulture Science</td>
<td>Agriculture Business</td>
<td>Agriscience Animal Science</td>
<td>Agriculture Business</td>
<td></td>
</tr>
<tr>
<td>Agriscience Agriculture Business</td>
<td>Agriculture Business</td>
<td>Agriscience Agriculture Business</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Course descriptions listed under AGRICULTURE - Agriculture Courses
# Visual Art Pathways at DCHS

<table>
<thead>
<tr>
<th>Sample of Potential Careers</th>
<th>Starting Salary Range: $28,000-$35,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portrait Photographer</td>
<td></td>
</tr>
<tr>
<td>Wedding Photographer</td>
<td></td>
</tr>
<tr>
<td>Food Photographer</td>
<td></td>
</tr>
<tr>
<td>Real Estate Photographer</td>
<td></td>
</tr>
<tr>
<td>Event Photography/Promotions</td>
<td></td>
</tr>
<tr>
<td>Sports Photographer</td>
<td></td>
</tr>
</tbody>
</table>

| AP Course Path              | AP 2-D Art & Design: Photo           |
|                            |                                      |
| CTE COURSES                | DCHS Photo 1                         |
|                            | DCHS Photo 2                         |
|                            | Graphic Design 1                     |
|                            | Graphic Design 2                     |

| CE Course Path              | ACC-PHO 121 Photo Image Cap I        |
|                            | ACC-PHO 101 Prof Photography I       |

| IB Course Path              | IB Art Design HL I                   |
|                            | IB Art Design HL II                  |

Course descriptions listed under VISUAL ARTS - Graphic Design Courses and Photography Courses

# Business, Marketing and Computer Science Pathways at DCHS

<table>
<thead>
<tr>
<th>Sample of Potential Careers</th>
<th>Starting Salary Range: $28,000-$35,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawyer</td>
<td></td>
</tr>
<tr>
<td>Accountant</td>
<td></td>
</tr>
<tr>
<td>Financial Advisor</td>
<td></td>
</tr>
<tr>
<td>Financial Analyst</td>
<td></td>
</tr>
<tr>
<td>Bank Officer</td>
<td></td>
</tr>
<tr>
<td>Start Salary Range: $45,000-$70,000</td>
<td></td>
</tr>
</tbody>
</table>

| Real Estate Agent           |                                      |
| Marketing Account Exec      |                                      |
| Event Planner               |                                      |
| Sports Agent                |                                      |
| Business Development        |                                      |
| Starting Salary Range: $40,000-$70,000 |

| Small Business Owner        |                                      |
| Human Resources Mgr         |                                      |
| Business Management         |                                      |
| Paralegal                   |                                      |
| Starting Salary Range: $45,000-$70,000 |

| Graphic Designer            |                                      |
| Systems Analyst             |                                      |
| Software Engineer           |                                      |
| Network Engineer            |                                      |
| Web Developer               |                                      |
| Information Services        |                                      |
| Starting Salary Range: $38,000-$75,000 |

| AP Course Path              | AP Computer Science Principle       |
|                            |                                      |
| CTE Course Path            | Business Principles                 |
|                            | Microsoft Office Applications       |
|                            | Marketing I                         |
|                            | Entrepreneurship                    |
|                            | Sports Marketing                    |
|                            | Microsoft Office Applications       |

| CE Course Path              | ACC-BUS 115 Intro To Business       |
|                            | ACC-BUS 116 Personal Finance        |

| IB Course Path              | IB Computer Science SL              |

Course descriptions listed under BUSINESS & MARKETING - Business & Marketing Courses and COMPUTER SCIENCES - Computer Science Courses

Everyone a Huskie!
# Family & Consumer Science Pathways at DCHS

<table>
<thead>
<tr>
<th>Sample of Potential Careers</th>
<th>Nutritional Consultant&lt;br&gt;Teacher/Educator&lt;br&gt;Nursing&lt;br&gt;Caseworker&lt;br&gt;Social Worker&lt;br&gt;Food/Beverage Server</th>
<th>Clothes Designer&lt;br&gt;Fashion Designer&lt;br&gt;Interior Designer&lt;br&gt;Retail Buyer&lt;br&gt;Retail Sales&lt;br&gt;Textile Lab Technician</th>
<th>Chef&lt;br&gt;Food Service Manager&lt;br&gt;Sommelier&lt;br&gt;Caterer&lt;br&gt;Concierge</th>
<th>Nanny&lt;br&gt;Teacher/Educator&lt;br&gt;School Administrator&lt;br&gt;Child Care Director&lt;br&gt;Child Advocate&lt;br&gt;Social Worker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starting Salary Range:</td>
<td>$18,000-$35,000</td>
<td>Starting Salary Range:</td>
<td>$20,000-$40,000</td>
<td>Starting Salary Range:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$25,000-$45,000</td>
<td></td>
<td>$18,000-$50,000</td>
</tr>
</tbody>
</table>

| CTE Course Path | Child Development<br>Life Management | Interior Design I<br>Interior Design II<br>Fashion Design I<br>Fashion Design II | Catering I<br>Catering II | Child Development |

| CE Course Path | MSU PRO START I<br>MSU PRO START II | ACC-ECE 101 – INTRO TO ECE (Early Childhood Education) | ACC-ECE 111 – INFANT/TODDLER DEV |

Course descriptions listed under FAMILY & CONSUMER SCIENCE - FCS Courses

# Vocational Pathways at DCHS

<table>
<thead>
<tr>
<th>Sample of Potential Careers</th>
<th>Automotive Service Technician&lt;br&gt;Diesel Service Technician&lt;br&gt;General Maintenance and Repair Technician</th>
<th>Millwork&lt;br&gt;Carpentry&lt;br&gt;Interior Finishing&lt;br&gt;Cabinet Installer</th>
<th>Construction Laborer&lt;br&gt;Construction Specialist&lt;br&gt;Project Manager&lt;br&gt;Project Coordinator</th>
<th>Electrician&lt;br&gt;Plumber&lt;br&gt;Property Maintenance&lt;br&gt;Project Coordinator</th>
<th>Pipeline Welder&lt;br&gt;MIG Welder&lt;br&gt;TIG Welder&lt;br&gt;Fabricator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starting Salary Range:</td>
<td>$21,000-$70,000</td>
<td>Starting Salary Range:</td>
<td>$18,000-$65,000</td>
<td>Starting Salary Range:</td>
<td>Starting Salary Range:</td>
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<td></td>
<td></td>
<td>$21,000-$65,000</td>
<td></td>
<td>$38,000-$74,000</td>
<td>$21,000-$56,000</td>
</tr>
</tbody>
</table>

| CTE Course Path | Auto Systems I<br>Auto Systems II | Woodworking I<br>Woodworking II | Basic Repairs for Home or Apt. | Basic Repairs for Home or Apt. | Introduction to Metals Welding |

Course descriptions listed under VOCATIONAL - Vocational Courses
“The College Board's Advanced Placement courses are college-level classes in a wide variety of subjects that you can take while still in high school. They offer you challenging coursework and a taste of what college classes are like.

You’re already using the skills it takes to succeed; AP challenges you to take them to entirely new levels.

You might think that AP classes are tough, and you might be right. But that doesn’t mean that you aren’t up to the task. If you are willing to work hard, you’ll find that the qualities you use in other parts of your life can help achieve your goals. AP brings the college experience to your high school with the opportunity to earn college credits at thousands of universities. More students are ready for AP than you’d think. Roll up your sleeves and find out what AP can do for you.

By making the decision to take an AP course, you’re letting colleges and universities know that you have what it takes to succeed in an undergraduate environment. AP courses signal to admissions officers that you’ve undertaken the most rigorous classes your high school has to offer. They see that you’ve challenged yourself with college-level course work and expectations, and have refined your skills to meet these expectations.”

[From The College Board website]

Advantages of Taking AP Course Work

- AP courses and exams represent the beginning of the journey through college-level academic challenges.
- Collegiate institutions recognize that applicants with AP experience may be better prepared for the demands of college courses.
- Tuition savings are realized for students whose AP performance earns them college credit. More than 1,400 collegiate institutions award a full year’s credit (sophomore standing) to students presenting satisfactory grades on a specific number of AP Exams.
- Earning AP credit allows students to move into upper-level courses in their field of interest by exempting them from required introduction courses. In addition, students have the opportunity to complete their degree early.
- AP students are eligible for honors and other special programs in college.
- See this brochure to find out what it takes to take AP.

You may explore more information about Advanced Placement courses by talking to any AP teacher, your counselor, or by visiting the College Board website: Explore AP

### AP Courses Offered at DCHS

#### ARTS at DCHS
- AP DRAWING – 15476S1/S2
- AP 2-D ART & DESIGN: GRAPHIC – 15477S1/S2
- AP 2-D ART AND DESIGN: PHOTO – 15478S1/S2
- AP 3-D ART & DESIGN: CERAMICS – 15479S1/S2
- AP 3-D ART & DESIGN: JEWELRY – 15480S1/S2

Course descriptions listed under VISUAL ARTS - AP Art

#### SCIENCE at DCHS
- AP BIOLOGY – 80365S1/S2
- AP CHEMISTRY – 80400S1/S2
- AP PHYSICS 1: ALGEBRA-BASED – 80656S1/S2
- AP PHYSICS 2: ALGEBRA-BASED – 80657S1/S2

Course descriptions listed under SCIENCE - AP Science

#### COMPUTER SCIENCE at DCHS
- AP COMPUTER SCIENCE PRINCIPLE – 30506S1/S2

Course descriptions listed under COMPUTER SCIENCE - AP Computer Science

#### ENGLISH at DCHS
- AP LANGUAGE AND COMPOSITION – 50390S1/S2
- AP LITERATURE AND COMPOSITION – 50400S1/S2

Course descriptions listed under LANGUAGE & LITERATURE - AP English

#### MATH at DCHS
- AP CALCULUS AB – 60625S1/S2
- AP CALCULUS BC – 60650S1/S2
- AP STATISTICS – 60801S1/S2

Course descriptions listed under MATHEMATICS - AP Math

#### WORLD LANGUAGES AND CULTURE at DCHS
- AP SPANISH LANGUAGE/CULTURE – 95640S1/S2

Course descriptions listed under WORLD LANGUAGE - AP World Language and Culture

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IB DIPLOMA PROGRAMME

The International Baccalaureate Diploma Programme for students aged 16 to 19 is a demanding two-year curriculum leading to final examinations and a qualification that is welcomed by leading universities around the world.

“**The IB is unique.**

- We offer a continuum of education, consisting of four individual programmes. We span the years from kindergarten to a pre-university diploma. While we are traditionally known for the Diploma Programme, IB World Schools increasingly offer all four programmes.

- We are proud of our reputation for high quality education sustained for over 45 years. Our curriculum represents the best from many different countries rather than the exported national system of any one. Our challenging Diploma Programme assessment is recognized by the world’s leading universities. We maintain our high standards by actively training and supporting teachers, and by authorizing and evaluating IB World Schools.

- We encourage international-mindedness in IB students. To do this, we believe that students must first develop an understanding of their own cultural and national identity. All IB students learn a second language and the skills to live and work with others internationally—essential for life in the 21st century.

- We encourage a positive attitude to learning by encouraging students to ask challenging questions, to reflect critically, to develop research skills, and to learn how to learn. We encourage community service because we believe that there is more to learning than academic studies alone.

- We ensure that our programmes are accessible to students in a wide variety of schools—national, international, public and private—in 147 countries. These IB World Schools form a worldwide community in which there is no such thing as a “typical” school (more than 50% of IB students are in

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state-funded schools). IB World Schools cooperate in curriculum development, student assessment and the governance of the IB, making this a unique international collaboration.” [From ibo.org]

Dr. Steven Fleet, PhD, Coordinator – 303-387-1152, steven.fleet@dcsdk12.org
Oksana Novokhatska, IB Secretary - 303-387-1008, onovokhatska@dcsdk12.org

IB Resources & Learner Profile

Why Choose the IB Program?
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IB Program Brochure
Download this PDF

IB Curriculum Guide
Download this PDF

4 Year IB Worksheet
Download this PDF

THE LEARNER PROFILE

IB Learners strive to be:
Inquirers
Knowledgeable
Thinkers
Communicators
Principled
Open-Minded
Caring
Risk-Takers
IB Courses Offered at DCHS

IB ARTS at DCHS

Visual Arts

* IB ART DESIGN HL I – 11411S1/S2
* IB ART DESIGN HL II – 11415S1/S2

Course descriptions listed under VISUAL ARTS - IB Visual Arts

Music

* IB MUSIC SL I – 70523S1/S2
* IB MUSIC II [HL] – 70526S1/S2

Course descriptions listed under PERFORMING ARTS - IB Music & Theatre

Theatre

THEATRE IV DIRECTOR – 70730S2
PRODUCTION ENSEMBLE – 70755S1/S2
TECHNICAL THEATRE III – 70792S1/S2
* IB WORLD THEATRE HL – 70834

Course descriptions listed under PERFORMING ARTS - IB Music & Theatre

IB LANGUAGE & LITERATURE at DCHS

* IB ENGLISH HL I [Junior] – 50355S1/S2
* IB ENGLISH HL II [Senior] – 11505S1/S2

Course descriptions listed under LANGUAGE ARTS - IB Language & Literature

IB MATHEMATICS at DCHS

For more detailed information about the International Baccalaureate Diploma Programme at DCHS, please follow this link: IB Diploma Programme
IB MATHEMATICS: A & I SL I - 60681S1/S2
*IB MATHEMATICS: A & I SL II - 60682S1/S2
*IB Mathematics: A & A SL I - 60692S1/S2
*IB Mathematics: A & A SL II – 60679S1/S2
*IB Mathematics: A & A HL II – 60677S1/S2

Course descriptions listed under MATHEMATICS - IB Mathematics

IB SCIENCES at

*IB BIOLOGY HL I – 80358S1/S2
*IB ENVIRONMENT/SOCIETIES SL – 80383S1/S2
*IB CHEMISTRY SL – 80382S1/S2
*IB PHYSICS SL – 80453S1/S2
*IB HL PHYSICS – 80452S1/S2
*IB BIOLOGY HL II – 80354S1/S2

Course descriptions listed under SCIENCE - IB Sciences

*IB COMPUTER SCIENCE SL – 30100S1/S2

Course descriptions listed under COMPUTER SCIENCE - IB Computer Science

IB INDIVIDUAL & SOCIETIES at

*IB EUROPEAN HISTORY HL I – 85516S1/S2
*IB PSYCHOLOGY SL/HL Year 1 – 85765S1/S2
*IB PHILOSOPHY SL/HL Year 1 – 50909S1/S2
*IB 20TH CENTURY EUROPE HL II – 85805S1/S2
*IB PSYCHOLOGY HL Year 2 – 85766S1/S2
*IB PHILOSOPHY HL Year 2 – 50910S1/S2

Course descriptions listed under SOCIAL STUDIES - IB Individual & Societies

*IB BUSINESS MANAGEMENT SL – 25720S1/S2

Course descriptions listed under BUSINESS & MARKETING - IB Business Management

IB LANGUAGE ACQUISITION at

IB FRENCH IV – 95433S1/S2
*IB FRENCH V – 95441S1/S2
*IB SPANISH V – 95662S1/S2

Course descriptions listed under WORLD LANGUAGES - IB Language Acquisition

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What is Career & Technical Education?

Career & Technical Education (CTE) is the practice of teaching specific career skills to students in middle school, high school, and post-secondary institutions. At DCHS, we believe this is the most accurate definition of CTE because it highlights CTE’s unique qualities and why it’s important.

CTE is split into 16 career clusters that apply to different high-demand careers.
CTE Career Clusters

Health science
Business (offered at DCHS)
Sales
Finance (offered at DCHS)
Information technology
Science, technology, engineering, and math
Manufacturing
Logistics

Hospitality (offered at DCHS)
Government
Law
Agriculture (offered at DCHS)
Human services
Construction (offered at DCHS)
Training
Arts (offered at DCHS), audio/visual tech, communications, graphic design, and photography

CTE is focused on skills.

● This differs from traditional and university-based education, which is based on theory. CTE includes some theory, but that’s typically only seen in introductory materials.

● Practice, hands-on experience, and application tests make up the bulk of CTE. This is important because CTE careers require workers to have experience in their field before starting a career.

● Many CTE tracks take students to careers that can save lives. Health science, government, law, agriculture, and construction especially relate to others’ health and safety.

● CTE instructors often focus more on practice and improvement instead of textbook memorization.

CTE is applicable to almost every educational age range.

● Students can understand the fundamentals of any career as early as sixth grade, and they can build essential skills well into adulthood. That’s why you’ll find CTE tracks offered in middle schools, high schools, and post-secondary institutions.

● Students can earn the certifications they need to start their careers, many of which are currently in high demand.

● CTE tracks don’t limit students to single careers. In fact, many students use these courses as preparation before moving onto community college or university.

CTE provides two advantages that you cannot find in many other education fields:

1. CTE is highly-specific
2. **CTE is highly-versatile**

Typically, these qualities are at opposite ends of the education spectrum. A teaching method is either general and versatile or specific and inflexible.

With *CTE*, students get the best of both worlds.

**Career and Technical Education** has become increasingly popular across the United States as more people realize *how crucial CTE is to the country*.

**CTE Registration**

Register for *CTE* classes with one of the scenarios below and follow the directions of the one that applies:

- If it is a Career & Technical Education course offered in your *home* high school, use your high school's regular registration process.
  
  > To access courses offered at *DCHS*, please scroll down.

- If it is a Career & Technical Education course offered at a *different* DCSD high school than your home high school, work with your counselor to get enrolled in the course. This is handled through counselors directly between schools.

  > To access courses offered at different DCSD high schools, please visit: [DCSD Career & Technical Education](#)

**CTE Courses at DCHS**

**CTE Agriculture at DCHS**

- **AGRISCIENCE (Intro) – 10400S1/S2**
- **ANIMAL SCIENCE - 10411S1**
- **INTRO TO VET SCIENCE – 10413**
- **VETERINARY ASSISTANT – 90315S1/S2**
- **HORTICULTURAL SCIENCE– 10430S1/S2**
- **NATURAL RESOURCE PLANT SCIENCE - 10417S1/S2**

Course descriptions listed under AGRICULTURE - [Agriculture Courses](#)

**CTE Business & Marketing at DCHS**

- **BUSINESS PRINCIPLES – 25700**
- **MARKETING I – 25570S1/S2**
- **MICROSOFT OFFICE APPLICATIONS – 25425**
- **ACCOUNTING I – 25450S1/S2**
- **ENTREPRENEURSHIP – 25525**
- **SPORTS MARKETING – 25573**

Course descriptions listed under BUSINESS & MARKETING - [Business & Marketing Courses](#)

**CTE Arts at DCHS**

- **GRAPHIC DESIGN I – 15450**
- **GRAPHIC DESIGN II – 15455**

**Course descriptions listed under VISUAL ARTS - Graphic Design Courses**

- **PHOTOGRAPHY I – 15575**
- **PHOTOGRAPHY II – 15580**

**Course descriptions listed under VISUAL ARTS - Photography Courses**

**CTE Family & Consumer Sciences at DCHS**

- **FASHION DESIGN I – 55400**
- **FASHION DESIGN II – 55410**
- **INTERIOR DESIGN I [Residential] – 55425**
- **INTERIOR DESIGN II [Commercial] – 55430**
- **CATERING I – 55338**
- **CATERING II – 55339**
- **CHILD DEVELOPMENT/PSY – 55759**
- **LIFE MANAGEMENT [Adulting 101] – 55315**

**Course descriptions listed under FAMILY & CONSUMER SCIENCES - FCS Courses**

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CONCURRENT ENROLLMENT

What is Concurrent Enrollment?

Concurrent Enrollment (CE) is a great way to start Moving Mountains toward your future. CE courses provide high school students with the opportunity to enroll in postsecondary (or college-level) courses and earn credit in high school and college, at no cost to them for tuition (excluding course fees and materials). Depending on availability and in accordance with District policy, students may apply to take concurrent enrollment classes at DCHS or on a college campus.

CE courses are taught at each traditional high school, by Douglas County School District teachers, who have been approved as adjunct professors by an accredited institution of high learning. [From the DCSD website]

Concurrent Enrollment also includes postsecondary Career and Technical Education (CTE) courses, enabling students to earn credit that can be applied towards an industry certification.

Applying for CE Courses

Students interested in applying for CE courses are required to meet with their DCHS Counselor to discuss CE course information and requirements, and to complete the District CE Application process.

For steps to getting started with Concurrent Enrollment, please visit: Getting Concurrent Enrollment Started

DCHS COUNSELORS:

Courtney Hay (Students A – Bt) Cory Monroe (Students Ki-Mh)
Angela Anderson (Students Bu-D) Amy Boyce (Students Mi – Rh)
Amy Wein (Students E – Hak) Emme Mancuso (Students Ri-S)
Jim Davis (Students Hal – Kh) Maggie Willard (Students T-Z)

Course descriptions listed under VOCATIONAL - Vocational Courses
For the email verification process:
1. Complete the ‘Create Account’ page utilizing DCSD student Gmail address
2. Locate the verification email, open it, and click on ‘Confirm EMail’ (check SPAM or JUNK email if necessary)
3. Return to www.arapahoe.edu and the application Log In page
4. Log in and complete the application

CE Registration
Register for CE classes with one of the scenarios below and follow the directions of the one that applies:

- If it is a Concurrent Enrollment course offered in your home high school, use your high school's regular registration process.
  > To access courses offered at DCHS, please scroll down.

- If it is a Concurrent Enrollment course offered at a different DCSD high school than your home high school, work with your counselor to get enrolled in the course. This is handled through counselors directly between schools.
  > To access courses offered at different DCSD high schools, please visit: DCSD Concurrent Enrollment

CE Courses at DCHS

CE Visual Arts at DCHS
ACC-PHO 121 PHOTO IMAGE CAP I – 69410
ACC-PHO 101 PROF PHOTOGRAPHY I – 69400
Course descriptions listed under VISUAL ARTS - CE Photography Courses

CE Business at DCHS
ACC-BUS 115 INTRO TO BUSINESS – 69015
ACC-BUS 116 PERSONAL FINANCE – 69016S2
ACC-MAR 216 PRINCIPLES OF MARKETING - 69216S1/S2
Course descriptions listed under BUSINESS & MARKETING - CE Business Courses

CE Family & Consumer Science at DCHS
Human Services/Education Training
ACC-ECE 101 – INTRO TO ECE [EARLY CHILDHOOD EDUCATION] – 69070
ACC-ECE 111 – INFANT/TODDLER DEV – 69060
Course descriptions listed under FAMILY & CONSUMER SCIENCE - CE Human Services/Education Training Courses

Hospitality & Food Production
MSU PRO START I – 6955330S1/S2
MSU PRO START II – 6955335S1/S2
Course descriptions listed under FAMILY & CONSUMER SCIENCE - CE Hospitality & Food Production Courses

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*Concurrent Enrollment college credit is subject to course and teacher approval and completion of all required registration steps by the majority of the class within the designated semester deadline. Courses may be subject to cancellation for Concurrent Enrollment college credit due to unforeseen changes.

AGRICULTURE (CTE)

Our comprehensive program is designed for students who are pursuing careers or have an interest in the many facets of agriculture and natural resources. This is a comprehensive plan of study offering opportunities for all four years including classroom and lab instruction, a Supervised Agriculture Experience (SAE) program and membership in The National FFA Organization, formerly known as Future Farmers of America.

There is a $35 course fee that students need only pay once per year. Additional costs may be involved throughout the program of study for classroom supplies, field trips, FFA contests, leadership activities, and special equipment. *It is a requirement of all Ag classes that the student maintain membership in the National FFA Organization.
Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.

Agriculture Courses

**AGRISCIENCE (Intro) – 10400S1/S2**
[Introduction to Agriculture, Food and Natural Resources]
Course Title Changing 21-22

**Year:** 1 SCI credit  
**Grades:** 9, 10  
**Prerequisite:** None  
**Expenses:** See highlighted section above.

An introductory course for first year agriculture education students. This course introduces students to the foundational principles of agriculture, food and natural resources. Students will gain knowledge in career development, leadership, personal development, communications, animal science, plant science, natural resources, food science, power/structure and agribusiness. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
ANIMAL SCIENCE [FALL] - 10411S1
Semester: 0.5 ELE credit
Grades: 10, 11, 12
Prerequisite: Agriscience (Intro)
Expenses: See highlighted section above.

Animal Science is a one semester course offered as an intermediate level Elective credit through our agricultural program. The ultimate goal of this course is to provide students with a well-rounded education of animal husbandry. By definition, husbandry means “the care, cultivation and breeding of,” and that is exactly what this course focuses on. We explore career pathways and livestock production of beef and dairy cattle, sheep, hogs, goats, poultry, and even fish! Feeding the world is no small challenge, and it begins with educated decisions surrounding the production and consumption of our food. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

INTRO TO VET SCIENCE [SPRING] – 10413
Semester: 0.5 ELE credit
Grades: 10, 11, 12
Prerequisite: Agriscience/ Animal Science
Expenses: See highlighted section above.

Students will develop knowledge, skill and understanding in the biological processes and physiological systems found in livestock and companion animal species including digestive systems, reproductive systems, breeding systems, quality and yield grading, retail cut id and animal health. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences will be included. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

VETERINARY ASSISTANT – 90315S1/S2
[Intermediate Veterinary Science]
Course Title Changing 21-22
Year: 1.0 ELE Credit
Grades: 11, 12
Prerequisite: Agriscience, Animal Science and Intro to Vet Science
Expenses: See highlighted section above.

This program prepares individuals in animal management, care, animal health and nutrition, animal handling, office administration skills and applicable standards and regulations. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

HORTICULTURAL SCIENCE– 10430S1/S2
[Principles of Horticulture Science]
Course Title Changing 21-22
Year: 1.0 ELE Credit
Grades: 10, 11, 12
Prerequisite: Agriscience (Intro)
Expenses: See highlighted section above.

This course is designed to introduce students to the horticulture industry. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, soil science, growing greenhouse crops. Improving industry standard workplace skills will be a focus.
Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**NATURAL RESOURCE PLANT SCIENCE - 10417S1/S2**  
[Principles of Natural Resource Management]  
Course Title Changing 21-22  
**Year:** 1.0 ELE Credit  
**Grades:** 10, 11, 12  
**Prerequisite:** Agriscience (Intro)  
**Expenses:** See highlighted section above.

An introductory course for agriculture education students pursuing careers in Natural Resources and Environmental Sciences. This course expands student learning to the foundational principles of ecology including the fields of geology, meteorology, biology and chemistry related to the conservation, natural resources, and fish and wildlife management. Students will gain knowledge in career development, leadership, personal development, communications, and environmental science. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**AGRICULTURE BUSINESS [FALL] - 10450S1**  
[Principles of Ag Business Management]  
Course Title Changing 21-22  
**Semester:** 0.5 ELE Credit  
**Grades:** 11, 12  
**Prerequisite:** Agriscience (Intro) and 1 other Agricultural Class  
**Expenses:** See highlighted section above.

In this course students will be comparing and contrasting business models and identifying the advantages and disadvantages to owners and customers within the agribusiness chains. Students will show an understanding of basic record keeping skills and applications in an agribusiness. Components include the general journal, balance sheet, cash flow statements, and financial statements, reconciliation of accounts, net worth, income statements, and profit and loss statements. Students will understand how these records can allow for business decisions within an agribusinesses or Supervised Agriculture Experience (SAE) program.

**LEADERSHIP [SPRING] - 85812**  
[Agriculture Leadership]  
Course Title Changing 21-22  
**Semester:** 0.5 ELE Credit (two semesters required)  
**Grades:** 11, 12  
**Prerequisite:** Agriscience (Intro) and 1 other Agricultural Class  
**Expenses:** See highlighted section above.

Focuses on the leadership skills for contemporary organizations. Covers development and communication a shared vision to motivate and empower employees to manage conflict, to negotiate, and to develop teams. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
There is a growing body of evidence connecting student learning in the arts to a wide spectrum of academic and social benefits. These studies document the habits of mind, social competencies and personal dispositions inherent to arts learning. Additionally, research has shown that what students learn in the arts may help them to master other subjects, such as reading, math or social studies.

PER BOARD OF EDUCATION POLICY, WHERE ADDITIONAL CHARGES ARE REQUIRED FOR ART TAKE-HOME PROJECTS, THE COSTS WILL BE AS NOTED IN THE COURSE DESCRIPTION. THE COST MAY VARY WITH EACH STUDENT AND EACH PROJECT TO COVER INDIVIDUAL NEEDS. EXPENSES WILL COVER THE COST OF CONSUMABLE MATERIALS AND SUPPLIES FOR PROJECTS. *ART & MYP STANDARDS ARE ADDRESSED IN ALL ART CLASSES.

The Visual Arts offered at Douglas County High School include Ceramics, Graphic Design, Drawing & Painting, Photography, and Jewelry. These courses receive Fine Arts Elective credit.

Flowchart - Visual Arts

Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.
Ceramic Courses

CERAMICS I – 15425

**Semester:** 0.5 FNA credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $40.00

Ceramics I is an introduction to design, glazes, basic hand building, and wheel throwing skills.

CERAMICS II – 15430

**Semester:** 0.5 FNA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** C or better in Ceramics I & instructor approval  
**Expenses:** $40.00

This course is a continuation of Ceramics I with an emphasis on skill and technique, form, and design.

Graphic Design Courses (CTE)

GRAPHIC DESIGN I – 15450

**Semester:** 0.5 FNA credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $40.00

Graphic Design courses will introduce students to various tools, techniques, and concepts employed by the graphic artist. Students will learn design and layout while completing professional projects such as typeface, packaging, lettering, illustration, and advertising.

GRAPHIC DESIGN II – 15455

**Semester:** 0.5 FNA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** C or better in Graphic Design I  
**Expenses:** $40.00

This course continues the creative and technical experiences introduced in Graphic Design I along with computer design, illustration, lettering, advertising methods, and publication layout and design.

Drawing and Painting Courses

DRAWING AND PAINTING I – 15500

**Semester:** 0.5 FNA credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $40.00

This course focuses on basic drawing techniques and an introduction to painting. Students will work with various drawing and painting media, focusing on the elements of art and principles of design.

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**DRAWING AND PAINTING II – 15505**

**Semester:** 0.5 FNA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** C or better in Drawing and Painting I  
**Expenses:** $40.00

Students will focus on a more intense involvement in drawing and painting media, techniques, and artistic styles. More individual expression and artistic awareness will be encouraged.

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**Jewelry Courses**

**JEWELRY I – 15525**

**Semester:** 0.5 FNA credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $40.00

This course is an introduction to the construction of jewelry designs involving a variety of basic techniques and materials.

---

**JEWELRY II – 15530**

**Semester:** 0.5 FNA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** C or better in Jewelry I  
**Expenses:** $40.00

This course is designed to allow students a continued experience in jewelry making. Conceptual design development and advanced jewelry techniques will be explored.

---

**Sculpture Courses**

**SCULPTURE I – 15550**

**Semester:** 0.5 FNA credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $40.00

Sculpture I is designed to teach students about additive and subtractive sculpture techniques. Students explore a variety of materials and concepts.

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**SCULPTURE II – 15555**

**Semester:** 0.5 FNA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** C or better in Sculpture I  
**Expenses:** $40.00

In this course, students will gain practical experience in traditional and experimental approaches to creating and constructing sculpture.

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**Photography Courses (CTE)**
If interested in receiving Jr. College credits for Photo I and Photo II level courses, consider registering for ACC-PHO 121 and ACC-PHO 101.

PHOTOGRAPHY I – 15575

**Semester:** 0.5 FNA credit  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Must have your own digital camera and have access to a manually operated 35mm camera  
**Expenses:** $40.00

This course is an introduction to photography as a fine art medium and develops skills necessary for basic camera and lab operation.

PHOTOGRAPHY II – 15580

**Semester:** 0.5 FNA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** C or better in Photography I; must have your own digital camera and have access to a manually operated 35mm camera.  
**Expenses:** $40.00

Photography II is a further exploration of photographic elements with an emphasis on developing individual creativity and visual communication skills.

**AP Art Courses**

*ADVANCED PLACEMENT STUDIO ART

AP DRAWING – 15476S1/S2  
AP 2-D ART & DESIGN: GRAPHIC – 15477S1/S2  
AP 2-D ART & DESIGN: PHOTO – 15478S1/S2  
AP 3-D ART & DESIGN: CERAMICS – 15479S1/S2  
AP 3-D ART & DESIGN: JEWELRY – 15480S1/S2

**Year:** 1.0 FNA credit, weighted  
**Grades:** 11, 12  
**Prerequisite:** Instructor Approval; students must take Studio-specific Art classes the year prior  
**Expenses:** $80.00/year + AP Exam fee

The Advanced Placement Program is intended for highly motivated students who are seriously interested in the study of art. Students should be aware that Advanced Placement involves significantly more time than the typical high school course, and the program is not for the casually interested. Projects include a wide spectrum of media and methods. Students may choose to complete an AP Portfolio in 2D Design, 3D Design or Drawing. AP credit may be pursued in: Drawing, Design, Photography, Ceramics and Jewelry.

**IB Visual Art Courses**

*IB ART DESIGN HL I – 11411S1/S2

**Year:** 1.0 FNA credit, weighted  
**Grades:** 11  
**Prerequisite:** Instructor Approval  
**Expenses:** $80.00/year
The IB Art & Design Program is intended for the highly motivated IB student who is seriously interested in the study of art. In the first year, this course will cover explorations in a variety of means and materials, and studio work. The student will also complete a process portfolio composed of personal records and reflections of research in the history of art and design.

**IB ART DESIGN HL II – 11415S1/S2**

**Year:** 1.0 FNA credit, weighted  
**Grades:** 12  
**Prerequisite:** Instructor Approval  
**Expenses:** $80.00/year

The IB Art & Design Program is intended for the highly motivated IB student who is seriously interested in the study of art. The creation of an expanded body of related work will be the primary focus of this course. The process portfolio will continue, and the students will present their artwork in a formal exhibition at the end of the year. Students will also complete a comparative study of professional artists from different cultures.

### CE Photography Courses

*Students enrolling in ACC-PHO 121 and ACC-PHO 101 courses must be concurrently enroll in ACC and complete both courses to receive the ACC credit.*

**ACC-PHO 121 PHOTO IMAGE CAP I – 69410 (1st semester)**

**Semester:** 3.0 ACC; 0.5 ELE credit  
**Grades:** 11, 12  
**Expenses:** Course fee $40  
**Prerequisite:** Must have your own digital camera and have access to a manually operated 35mm camera; **students enrolled in this course must be concurrently enrolled in ACC.**  
**ACC Registration:** See further instructions on the Concurrent Enrollment page.

Emphasizes the fundamental operations of a DSLR camera. The general operation of the camera, proper camera handling and maintenance, exposure control, depth of field, lenses and the visual characteristics of lenses, and an understanding of how digital capture works are emphasized. Additional topics include: f-stops, shutter speeds, metering modes, use of the histogram, auto focus, auto bracketing, and exposure compensation.

**ACC-PHO 101 PROF PHOTOGRAPHY I – 69400 (2nd semester)**

**Semester:** 3.0 ACC; 0.5 ELE credit  
**Grades:** 11, 12  
**Expenses:** Course fee $40  
**Prerequisite:** Must have your own digital camera and have access to a manually operated 35mm camera; **students enrolled in this course must be concurrently enrolled in ACC.**  
**ACC Registration:** See further instructions on the Concurrent Enrollment page.

Introduces black and white 35 mm film photography as a fine art medium and develops skills necessary for basic camera and lab operations.  

DCHS course will include some advanced work in digital photography and manipulation software as well.
Business Courses are not only for students who expect to pursue a career in business. The Business Department seeks to help students prepare for success after high school regardless what career path they choose. Our classes provide students with hands-on, real world projects that build practical life skills including Personal Finance, Critical Thinking, and Collaboration. Also, students in every business class complete career exploration activities. Business students can join DECA and FBLA, our marketing and business student organizations, and participate in competitive events, community service, and leadership activities. Several business courses offer Concurrent Enrollment (CE) credit.

All Business and Computer courses earn Practical Arts Elective credit.

Courses that count as a graduation competency upon students receiving a passing grade.

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BUSINESS PRINCIPLES – 25700

Semester: 0.5 PRA credit
Grades: 9, 10, 11, 12

Business Principles is designed to introduce the students to the economic system of the United States; the private enterprise system, how businesses operate, entrepreneurship, marketing, business and personal finances, and an introduction to careers in business. This class is recommended before taking other business classes. Students are encouraged to join FUTURE BUSINESS LEADERS OF AMERICA (FBLA). FBLA provides significant “real world” experience to students for college and career.

MARKETING I – 25570S1/S2

Year: 1 PRA credit
Grades: 9, 10, 11, 12
Expenses: DECA membership dues $30

Marketing I is an introductory course for students interested in marketing and business. The course explores the fundamentals of marketing including economics, sales, product/service planning, and promotion/advertising, marketing research, communications, legal and ethical issues, and marketing career development. A hands on, project oriented approach is used to make the class interesting and fun. Active participation in DECA is an integral component of the curriculum. Membership in DECA is mandatory for all Marketing I students.

MICROSOFT OFFICE APPLICATIONS – 25425

Semester: 0.5 PRA credit
Grades: 9, 10, 11, 12

This course satisfies the MYP Technology requirement! This course includes MS Word (word processing), MS Excel (spreadsheets), MS PowerPoint (presentation software) and MS Access (database). Students create business documents such as: resumes, memos, payroll spreadsheets, charts/graphs, filter, sorts, and integrated features. This class is essential for personal, college and career use. In addition, students prepare for the MOS (Microsoft Office Specialists certifications in Word, Excel, PowerPoint, and Access). Microsoft Office Specialist certification, the premier Microsoft desktop productivity certification, is a globally recognized standard that validates computer desktop skills. The Microsoft Office Specialist program is meeting the demand for "job-ready" people in the global workplace. It is recommended that students are actively involved in FUTURE BUSINESS LEADERS OF AMERICA (FBLA). FBLA provides significant “real world” experience to students for college and career.

ACCOUNTING I – 25450S1/S2

Year: 1 PRA credit
Grades: 10, 11, 12

In this year long course, you will develop a basic understanding of accounting concepts and terminology. Students will complete the steps of the accounting cycle, including analyzing business transactions, journalizing, and preparing and interpreting financial statements. The class will explore banking, credit, and taxes. This course will give you the opportunity to build your critical thinking, collaboration, and problem solving skills. Financial literacy and systems thinking will be a focus. It is recommended that students join FUTURE BUSINESS LEADERS OF AMERICA (FBLA). FBLA provides significant “real world” experience to students for college and career.
ENTREPRENEURSHIP – 25525 (1st Semester)

 Semester: 0.5 PRA credit
 Grades: 11, 12
 Prerequisite: Any prior Business or Marketing course
 Expenses: DECA membership dues $30

The course covers the major aspects of small business management to enable the entrepreneur to successfully start a business. In addition to class instruction students will have the opportunity to join DECA and FBLA. Membership in these organizations provide the opportunity for students to act out real world situations in role-play meetings with business professionals in our community. Active participation in DECA is an integral component of the curriculum.

SPORTS MARKETING – 25573 (2nd Semester)

 Semester: 0.5 PRA credit
 Grades: 11, 12
 Prerequisite: Entrepreneurship or teacher approval
 Expenses: DECA membership dues $30 (unless already paid from enrollment in Entrepreneurship in 1st sem.)

Sports Marketing provides students with in-depth exposure to the world of sports and athletes by examining the marketing as affected by athletes, fans, corporations and the general population’s interest in professional and amateur competition. Students will explore the wide range of marketing topics related to the sports industry including: sponsorships, apparel, advertising, brand loyalty, and target marketing. Students will engage in classroom experiences including researching career pathways and degrees, usage of technology in sports marketing, analysis of current sports related marketing trends, creation of promotional portfolios and interaction with sports marketing experts. In addition to class instruction students will have the opportunity to join DECA and FBLA. Membership in this organization provides the opportunity for students to act out real world situations in role-play meetings with business professionals in our community. Active participation in DECA is an integral component of the curriculum.

CE Business & Marketing Courses

ACC-BUS 115 INTRO TO BUSINESS – 69015 (1st Semester)

 Semester: 3 College Credits; 0.5 High School PRA credit
 Grades: 11, 12
 Prerequisite: students enrolled in this course must be concurrently enrolled in ACC.
 Expenses: Textbook – rent or buy
 ACC Registration: See further instructions on the Concurrent Enrollment page.

Focuses on the operation of the American business system. Covers fundamentals of the economy, careers and opportunities, marketing, management, production, governmental regulations, tools of business, and social responsibilities. It is recommended that students join FUTURE BUSINESS LEADERS OF AMERICA (FBLA). FBLA provides significant “real world” experience to students for college and career.

ACC-BUS 116 PERSONAL FINANCE – 69016 (2nd Semester)

 Semester: 3 College Credits; 0.5 High School PRA credit
 Grades: 11, 12
 Prerequisite: students enrolled in this course must be concurrently enrolled in ACC.
 ACC Registration: See further instructions on the Concurrent Enrollment page.

This is a college level course offered for concurrent enrollment credit. Students are able to receive free college credit through ACC and high school elective credit. This course surveys the basic personal financial needs of most individuals. Emphasis is placed on 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. This is a project and discussion based course incorporating technology in which students develop individualized personal financial plans. It is recommended that students join FUTURE BUSINESS LEADERS OF AMERICA (FBLA). FBLA provides significant real world experience to students for college and career.
ACC-MAR 216 PRINCIPLES OF MARKETING (MARKETING II) – 69216S1/S2

Year: 3 College Credits; 1.0 PRA credit
Grades: 10, 11, 12
Prerequisite: Marketing I; students enrolled in this course must be concurrently enrolled in ACC.
Expenses: DECA membership dues $30

ACC Registration: See further instructions on the Concurrent Enrollment page.

This is a college level course offered for concurrent enrollment credit. Students are able to receive free college credit through ACC and high school elective credit. This year-long course is designed for students who are interested in exploring advanced topics in marketing. Topics covered will include physical distribution, purchasing, stock handling, and inventory control; price planning and pricing strategies; marketing research; product planning, branding, packaging, and labeling; extended product features; entrepreneurial concepts, interpersonal and management skills. Students will also develop employability and career development strategies. In addition to class instruction students will have the opportunity to be a member of DECA- an international association of marketing students. DECA sponsors competitions and community service projects. Membership in this organization provides the opportunity for students to act out real world situations in roleplay meetings with business professionals in our community. Active participation in DECA is an integral component of the curriculum. Membership in DECA is mandatory for all Marketing II students.

IB Business Management

*IB BUSINESS MANAGEMENT SL – 25720S1/S2

Year: 1 PRA credit
Grades: 11, 12

IB Business and Management promotes problem-solving by identifying the problem, selecting and interpreting data, applying appropriate analytical tools, and recommending solutions by evaluating their quantitative and qualitative implications. These courses also equip students with knowledge and understanding of business terminology, concepts and principles. Students are encouraged to join FUTURE BUSINESS LEADERS OF AMERICA (FBLA). FBLA provides significant “real world” experience to students for college and career.

DECA Leadership

DECA – 25580S1/S2

Year: 1 PRA credit
Grades: 11, 12
Prerequisite: Marketing 1 and teacher approval
Expenses: DECA membership dues $30

A limited number of operational and managerial/leadership positions are available with DECA and its school-based vending enterprise. Application, interview and teacher approval will need to be completed for chosen leadership positions. Membership in DECA is mandatory for all DECA students.
The curriculum of the DCHS Technology department focuses primarily on the Computer Programming aspect of Computer Science. There are currently 3 semester long classes for beginning, intermediate and advanced computer science students. We also offer AP Computer Science Principles and IB Computer Science SL - these two courses are year long courses that give a broader overview of computer science.

This fall, we are also excited to offer a new Exploring Computer Science course for incoming freshmen. This new course will offer a broad overview of computer science topics that will prepare students for the school's other computer science options.

Flowchart - Computer Science

Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.

Computer Science Courses

**EXPLORING COMPUTER SCIENCE – 30011**

**Semester:** 0.5 PRA credit  
**Grade:** 9

This course is designed for students who want to start exploring computer science. In this course, students will explore engaging and accessible computer science concepts. Students will learn the basics of a computer system from hardware to operating systems, problem-solving techniques, computational thinking practices, and the basics of computer programming. This course will prepare students for Intro to Computer Science.

**INTRO TO COMPUTER SCIENCE – 30455**

**Semester:** 0.5 PRA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** Successful completion of Algebra 1 or teacher permission
Students do not need any prior programming experience. In this course, the basics of computer programming are learned and practiced as students write their own computer programs, including computer games. Students will develop problem solving, critical, computational, and logical thinking skills. This course will prepare students for Intermediate Computer Science.

**INTERMEDIATE COMPUTER SCIENCE – 30450**

**Semester:** 0.5 PRA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** Successful completion of Intro to Computer Science or teacher permission

This course is designed for students who have had some experience with computer programming. Students will be introduced to text-based programming language and will learn intermediate programming techniques. Content will focus on computer theory, proper coding techniques and object-oriented methodology. Students will identify real-world problems, create client-based design solutions, and understand the impacts of computing solutions in the modern world.

**ADVANCED COMPUTER SCIENCE – 30451**

**Semester:** 0.5 PRA credit  
**Grades:** 11, 12  
**Prerequisite:** Successful completion of Intermediate Computer Science or teacher permission

This course is designed for students with extensive computer programming experience and want to further their skills. This class is focused on career readiness and/or post-secondary aspirations with a concentration on project based assignments. In a collaborative environment, students will apply project management skills, advanced programming concepts, and modern programming techniques to create projects of their choice.

**AP Computer Science Course**

**AP COMPUTER SCIENCE PRINCIPLE – 30506S1/S2**

**Year:** 1.0 PRA credit  
**Grades:** 11, 12  
**Prerequisite:** Successful completion of Intermediate Computer Science or teacher permission  
**Expenses:** AP exam cost. Students may be required to purchase a textbook for this class.

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions.

This course will help students prepare to be successful on the AP Computer Science Principles assessments, which consist of two parts: completion of through-course performance tasks and the end-of-course AP Exam.

**IB Computer Science Course**

**IB COMPUTER SCIENCE SL – 30100S1/S2**

**Year:** 1.0 PRA credit  
**Grades:** 11, 12  
**Prerequisite:** Successful completion of Intermediate Computer Science or teacher permission

IB Computer Science SL offers a multidisciplinary approach to teaching underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. IB Computer Science SL will give students the opportunity to use technology to address real world problems and build relevant solutions.
Flowcharts - Family and Consumer Sciences

FCS Visual Arts and Design Flow Chart

- **INTERIOR DESIGN I** → **INTERIOR DESIGN II**
  Students may take Interior Design I first semester and Interior Design II second semester as a combined 1.0 course for the year.

- **FASHION DESIGN I** → **FASHION DESIGN II**
  Students may take Fashion Design I first semester and Fashion Design II second semester as a combined 1.0 course for the year.

FCS Hospitality and Food Production Flow Chart

- **CATERING I**

- **CATERING II**

- **MSU PRO START I** (recommended for 11th)

- **MSU PRO START II** (recommended for 12th)

  Students may take Catering I first semester and Catering II second semester as a combined 1.0 course for the year.

FCS Human Services/Education and Training

Everyone a Huskie!

54
CHILD DEVELOPMENT/PSY

ACC-ECE 101
INTRO TO EARLY CHILDHOOD EDUCATION

Students may take CE-ECE 101 Intro to Early Childhood Education first semester and CE-ECE 111 Infant/Toddler Development second semester as a combined 1.0 course for the year.

ACC-ECE 1110
INFANT/TODDLER DEVELOPMENT

LIFE MANAGEMENT
[ADULTING 101]

WORK-BASED LEARNING
WORK EXPERIENCE
(under Special Programs in the Academic Planer)
Visual Art & Design Courses

**FASHION DESIGN I – 55400**

**Semester:** 0.5 PRA credit  
**Grade:** 9, 10, 11, 12  
**Expenses:** $20

This is the first class of two that explores the wholesale and retail apparel industry. It examines past, present, and future fashion trends, basic design terms, and the design process. The class uses a combination of hands on projects and computer technology to evaluate personal characteristics and applies the elements and principles of design to meet specific needs. Various illustration techniques and different career opportunities will be explored.

*Optional Fashion Design I & Fashion Design II Class Combination: Students may take Fashion Design I first semester and Fashion Design II second semester as a combined 1.0 course for the year.*

**FASHION DESIGN II – 55410**

**Semester:** 0.5 PRA credit  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Fashion Design I  
**Expenses:** $20

This is the second class of two exploring the fashion industry. Students will develop their knowledge and understanding of the elements and principles of design and will focus on independent design projects that offer the opportunity for true creativity. A combination of design projects, clothing construction and the evaluation of fabrics and processes are just a few of the many areas covered in this course.

**INTERIOR DESIGN I [Residential] – 55425**

**Semester:** 0.5 PRA credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $20.00

Introduction of design elements, principles and theory. Application techniques, emphasizing design relationships and composition will be explored. The design process will be used to implement projects. Residential design is studied in this class. Basic skills and techniques of both visual and oral presentations will be introduced.

*Optional Interior Design I & Interior Design II Class Combination: Students may take Interior Design I first semester and Interior Design II second semester as a combined 1.0 course for the year.*

**INTERIOR DESIGN II [Commercial] – 55430**

**Semester:** 0.5 PRA credit  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Interior Design I  
**Expenses:** $20.00

Students enrolled in this project-based class will continue this exciting and diverse field of interior design. They will learn about materials, finishes, lighting and will enrich their knowledge of design by arranging interior spaces for commercial buildings (offices, retail, medical buildings etc.) Students will demonstrate their knowledge of these topics by using the design process to complete simulated projects that are presented in a professional manner.
CATERING I – 55338

**Semester:** 0.5 PRA credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $40.00

Catering is a culinary class designed for the beginning and advanced student. Students will develop skills in safety & sanitation, basic food preparation techniques, knife skills, baking, cooking methods, creative meal planning, plate presentation and customer service. Students will also cater a school event for class credit. This class is a great jump start into the ProStart program. Meets graduation requirements in Practical Arts.

Optional Catering I & Catering II Class Combination: Students may take Catering I first semester and Catering II second semester as a combined 1.0 course for the year.

CATERING II – 55339

**Semester:** 0.5 PRA credit  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Catering I  
**Expenses:** $40.00

This is an intermediate culinary class that expands on techniques and skills, providing students with the opportunity to expand on their own culinary expertise, cater events, and discover food traditions from around the world. Students will apply their knowledge in the numerous culinary areas through weekly labs. This is a perfect intermediate class for students interested in entering the restaurant, hospitality, or lodging fields.

MSU PRO START I – 6955330S1/S2

**Year:** 1.0 PRA credit/4.0 MSU Credits  
**Grades:** 11, 12 (recommended for 11th)  
**Prerequisite:** Highly recommend Catering I  
**Expenses:** $45 per semester/$90 for the year

ProStart is a foodservice hospitality management program. ProStart covers topics such as: management, communication, nutrition, marketing, global cuisine, cost control, and cooking methods. The course is offered to juniors and seniors. Juniors are encouraged to take ProStart 2 their senior year (both semesters) to finish the two-year program & earn their Pro Start Certificate of Achievement. ProStart is a foodservice hospitality management program. ProStart covers topics such as: management, communication, nutrition, marketing, global cuisine, cost control, and cooking methods. The course is offered to juniors and seniors. Juniors are encouraged to take ProStart 2 their senior year (both semesters) to finish the two-year program & earn their Pro Start Certificate of Achievement. ProStart is a nationally certified program that 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 a national certificate that will give them college credit and scholarship opportunities. To earn the Pro Start certificate, students will need to take Pro Start II the following year, obtain 400 hours of work experience (within the 2 years), earn a 70% or higher achievement in both classes, and pass both year 1 and year 2 national exams. Meets graduation requirements in: Practical Arts.

MSU PRO START II – 6955335S1/S2

**Year:** 1.0 PRA credit/4.0 MSU Credits  
**Grades:** 11, 12 (recommended for 12th)  
**Prerequisite:** Highly recommend Catering I & II  
**Expenses:** $45 per semester/$90 for the year
ProStart covers topics such as: management, communication, nutrition, marketing, global cuisine, cost control, and cooking methods. The course is offered to juniors and seniors. Juniors are encouraged to take ProStart 2 their senior year (both semesters) to finish the two-year program & earn their ProStart Certificate of Achievement. ProStart is a foodservice hospitality management program. ProStart covers topics such as: management, communication, nutrition, marketing, global cuisine, cost control, and cooking methods. The course is offered to juniors and seniors. Juniors are encouraged to take ProStart 2 their senior year (both semesters) to finish the two-year program & earn their Pro Start Certificate of Achievement. ProStart is a nationally certified program that 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 a national certificate that will give them college credit and scholarship opportunities. To earn the Pro Start certificate, students will need to take Pro Start II the following year, obtain 400 hours of work experience (within the 2 years), earn a 70% or higher achievement in both classes, and pass both year 1 and year 2 national exams. Meets graduation requirements in: Practical Arts.

### Human Services/Education Training Courses

**CHILD DEVELOPMENT/PSY – 55759**

**Semester:** 0.5 PRA credit  
**Grades:** 9, 10, 11, 12

Whether there is an interest in working with children, applying knowledge to a future family, or even learning more about younger family members, this course is designed to introduce students to early childhood development. It provides an overview of intellectual, physical, social, and emotional development from birth to elementary age. In addition, parenting and prenatal development are essential components to the course. An exciting aspect of this course is getting the opportunity to participate in the infant simulator.

**ACC-ECE 101 – INTRO TO ECE [EARLY CHILDHOOD EDUCATION] – 69070 (1st Semester)**

**Semester:** 3 ACC; Certifications in Early Childhood; 0.5 PRA credit  
**Grades:** 11, 12  
**Prerequisite:** 470+ SAT/PSAT EBRW, 17+ ACT Reading, Accuplacer NGWR score of 246+; **students enrolled in this course must be concurrently enrolled in ACC.**  
**Expenses:** Tuition is covered for students who pass with a C or better. Students will be required to rent a textbook for this class.  
**ACC Registration:** See further instructions on the [Concurrent Enrollment](#) page.  
**Pathway:** Liberal Arts, General Education, Education, Human Services

Provides an introduction to Early Childhood Education. Includes the eight key areas of professional knowledge: Child Growth and Development; Health, Nutrition and Safety; Developmentally Appropriate Practices; Guidance; Family and Community Relationships; Diversity; Professionalism; Administration and Supervision. Focuses on birth through age eight.

**Optional ACC-ECE 101 & ACC-ECE 111 Class Combination:** Students may take CE-ECE 101 Intro to Early Childhood Education first semester and CE-ECE 111 Infant/Toddler Development second semester as a combined 1.0 course for the year.

*Students who successfully complete ACC-ECE 101 & 111 can receive the CDHS Minimal Early Childhood Teacher Professional Certificate.*

**ACC-ECE 111 – INFANT/TODDLER DEV – 69060 (2nd Semester)**

**Semester:** 3 ACC; 0.5 PRA credit  
**Grades:** 11, 12  
**Prerequisite:** ACC-ECE 101 Intro to ECE; **students enrolled in this course must be concurrently enrolled in ACC.**  
**Expenses:** Tuition is covered for students who pass with a C or better. Students will be required to rent a textbook for this class.  
**ACC Registration:** See further instructions on the [Concurrent Enrollment](#) page.

Presents an overview of theories, applications (including observation), and issues pertinent to infant and toddler development in group and/or family settings. Includes state requirements for licensing, health, safety and nutrition. Focuses on birth through age three.
LIFE MANAGEMENT [Adulting 101] - 55315

Semester: 0.5 PRA credit
Grades: 11, 12

The purpose of the course is to develop educated consumers with an understanding and academic knowledge of consumer resources and financial organizations. The course focuses on personal and family resources, job and career, personal and family finances, and wellness.
**INSTRUCTIONAL SUPPORT SERVICES**

Instructional Support Services are available to students who qualify for a modified educational program. Placement into this specialized program is accomplished by an official procedure, beginning with a pre-referral meeting, which may recommend a complete evaluation on the referred student. This procedure culminates in a formal staff meeting, and at this time, placement into a modified program is determined according to State law.

*Placement into the following courses is by Signature of an Instructional Support Services teacher only.*

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### ISS English Courses

- **LIFE SKILLS ENGLISH – 20008S1/S2**
  - **Year:** 1.0 ENG credit
  - **Grades:** 9, 10, 11, 12
  - **Prerequisite:** Teacher approval is required

  This course is for students with Significant Needs on an Individualized Education Plan. Based upon the student’s individual needs, an emphasis will be placed on functional reading and writing skills. English standards have been modified and will be evaluated by IEP goals and objectives.

- **COMMUNICATION STRATEGIES – 20064**
  - **Semester:** 0.5 ENG credit (two semesters are required)
  - **Grades:** 9, 10, 11, 12
  - **Prerequisite:** Teacher approval is required

  This course is for students with Significant Needs on an Individualized Education Plan. Based upon a student’s individual needs, an emphasis will be placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. English standards have been modified and will be evaluated by IEP goals and objectives.

- **ENGLISH STRATEGIES – 50501S1/S2**
  - **Year:** 1.0 ENG credit
  - **Grades:** 9, 10, 11, 12
  - **Prerequisite:** Teacher approval is required

  This course is designed for students with an Individual Education Plan who require intensive intervention in reading, writing, and communication skills. Curriculum is based on the needs of the student. English standards have been modified and will be evaluated by IEP goals and objectives. This can be counted as an English credit or an elective credit.
ISS Math Courses

LIFE SKILLS MATH – 20005S1/S2

Year: 1.0 MAT credit
Grades: 9, 10, 11, 12
Prerequisite: Teacher approval is required

This course is designed for juniors and seniors with an Individualized Education Plan. Emphasis is placed on practical, consumer-oriented math skills in order to prepare students with the independent living skills necessary such as personal finance, housing, transportation cost, and monthly budgeting.

MATH STRATEGIES I – 20200S1/S2

Year: 1.0 MAT credit
Grades: 9, 10, 11, 12
Prerequisite: Teacher approval is required
Expenses: TI-83 or TI-84 calculator required

This course is designed for students with an Individualized Education Plan. An emphasis will be placed on reviewing basic skills and teaching pre-algebra concepts. Math standards have been modified and students will be evaluated by IEP goals and objectives.

MATH STRATEGIES II – 20202S1/S2

Year: 1.0 MAT credit
Grades: 9, 10, 11, 12
Prerequisite: Teacher approval is required
Expenses: TI-83 or TI-84 calculator required

This course will focus on developing the skills and strategies needed for students to develop math proficiency in a high school environment. Emphasis is placed on developing math skills and remediating computational skills. "District Content Standards 1, 2 and 6 together with IEP goals and objectives, are used as the basis with emphasis on life skills application. "Increase basic math skills to prepare students for beginning Algebra with the emphasis on pre-algebra concepts. This class can be very individualized to meet the needs of students at their level of functioning and to prepare them for future class placement.

PRE-ALGEBRA STRATEGIES – 20020S1/S2

Semester: 1.0 MAT credit
Grades: 9, 10, 11, 12
Prerequisite: Teacher approval is required
Expenses: TI-83 or TI-84 calculator required

This course is designed for students with an Individualized Education Plan (IEP) to prepare them for Algebra in the general curriculum. Students will review fractions, decimals, integers, order of operations, percentages, exponents, ratio and proportions, geometry and graphing in the coordinate plane. Students will begin working with variables to simplify algebraic expressions, inequalities/equalities and solve equations. Math standards have been modified and students will be evaluated by IEP goals and objectives.
### ISS Science Courses

**LIFE SKILLS SCIENCE – 20006S1/S2**

**Year:** 1.0 SCI credit  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Teacher approval is required

This course is for students with Significant Needs with an Individualized Education Plan. Emphasis will be based on the student’s individual needs, vocational skills, hygiene, nutrition and health.

**BASIC SCIENCE – 20054S1/S2**

**Year:** 1.0 SCI credit  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Teacher approval is required

This course is specifically designed for students with an Individualized Education Plan (IEP) with a modified curriculum and will cover basic biology concepts dealing with animals, plants, and cells.

### ISS Social Studies Courses

**LIFE SKILLS SOCIAL STUDIES – 20032S1/S2**

**Year:** 1.0 ECN credit  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Teacher approval is required

This course is for students with Significant Needs on an Individualized Education Plan. Emphasis will be based on the student’s individual needs, current events and life in the community.

**WORLD HISTORY STRATEGIES – 20079S1/S2**

**Semester:** 1.0 WLD credit  
**Grades:** 9  
**Prerequisite:** Teacher approval is required

This course is specifically designed for students with an Individualized Education Plan (IEP) with an accommodated course focusing on pre-history to current day.

**US HISTORY STRATEGIES – 20101S1/S2**

**Year:** 1.0 AMH credit  
**Grades:** 10  
**Prerequisite:** Teacher approval is required

This course is specifically designed for students with an Individualized Education Plan (IEP), and will focus on history of the United States including westward expansion, industrialism, World War I, the Great Depression, World War II, Cold War, Civil Rights Movement, Vietnam War, US Globalization, the Information Age, War on Terrorism and current events.
GOVERNMENT STRATEGIES – 20051

**Semester:** 0.5 GVT credit  
**Grades:** 11, 12  
**Prerequisite:** Teacher approval is required

This course is specifically designed for students with an Individualized Education Plan (IEP) with an accommodated course focusing on the structure of powers of the three branches of our government, U.S Constitution, Bill of Rights, and current events.

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ISS Support and Life Management Courses

RESOURCES – 20030S1 and/or 20030S2

**Semester:** 0.5 ELE credit each semester  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Teacher approval is required

This course provides support for students with an Individualized Education Plan who need extra time and assistance to meet the daily requirements of their classes. Students are expected to work on assignments, develop self-advocacy, self-awareness, and self-monitoring skills through individualized supports. This course can be repeated as often as needed for credit.

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INTERNSHIP STRATEGIES [Life Management] – 20175S1/S2

**Year:** 1.0 ELE Credit  
**Grades:** 11, 12  
**Prerequisite:** Teacher approval is required

This course is specifically designed for students with an Individualized Education Plan (IEP) who are interested in obtaining unpaid work experience in various career areas. Students will work on or off campus at a job site learning vocational/career skills and on-the-job social skills. Strong focus is placed on personal financial organization, career skills, consumer education, personal/family resources, time management and healthy living.

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INDEPENDENT LIVING SKILLS – 20010S1/S2

**Year:** 1.0 PRA credit  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** This course is for students in Special Education. Teacher approval is required

This course is specifically designed for students with Significant Support Needs in Life Skills classes. Based on individual needs, students will work on basic life skills necessary for adult living and responsible citizenship including self-care, hygiene, safety in the home and community, kitchen skills, shopping and daily living skills. This class could satisfy graduation requirements for social studies and science.

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PARTNER PE – 75475S1 and/or 75475S2

**Semester:** 0.5 PHY credit each semester  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Signature required from Instructional Support Services

This course is available to students who have specific physical and/or health needs. Class activities will include programs to help improve motor skills and group interactions to provide a beneficial physical education experience.

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All Language & Literature Standards will be addressed with particular emphasis on Colorado Language Arts Standard 2, Reading, and Colorado Language Arts Standard 3, Writing. Students should not register for more than one English class but are not permitted to register for more than two English courses any semester.

Courses that count as a graduation competency upon students receiving a passing grade.

National Collegiate Athletic Association approved courses

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<thead>
<tr>
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<td><strong>ENGLISH II HONORS</strong>*</td>
<td><strong>YOUNG ADULT LITERATURE</strong>*</td>
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<td>CE-121 ENG COMPOSITION***</td>
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* (asterisk) indicates that there is a prerequisite for the course; please see guide below
+ (plus) indicates that the course is an honors level course where it is not already indicated in the name.
9th Grade English Courses

**ENGLISH I – 50300S1/S2**

**Year:** 1.0 ENG credit  
**Grade:** 9

This year-long course is designed to help students transition to the high school English program by refining and strengthening reading, writing, and communication skills. It gives students the opportunity to develop an understanding and appreciation of world literature. Students will study literature through the genres of novel, drama, short story, nonfiction, and poetry, as well as through common themes. The study of grammar, usage, and mechanics will be integrated with the students' writing. Homework plays an essential role in the course, along with the study of vocabulary.

At DCHS, this course is designed to embrace the philosophy of the IB Middle Years Programme by developing students who engage in intellectual challenge, make connections between their studies in traditional subjects and the real world, and develop skills for communication, intercultural understanding and global engagement.

**ENGLISH I HONORS – 50310S1/S2**

**Year:** 1.0 ENG credit  
**Grade:** 9  
**Prerequisite:** Check the DCHS website in late May for the required summer assignment. *Students who do not maintain a D or above first semester may be dropped from the course and enrolled in English I second semester.*

This year-long, accelerated course includes the literature and writing experiences of English I, at an accelerated level. The course is intended for students capable of a challenging curriculum, and it provides a strong foundation for subsequent Honors classes. In Honors English I, students will be expected to handle a greater amount of assigned reading than in English I and will compose more sophisticated essays, including the critical analysis essay and persuasive essay. Honors English I students will also study vocabulary. Homework is an essential part of the course, and students will be expected to complete summer reading in preparation for the school year. Students continue to focus on writing with clarity, coherence, and fluency as they explore significant literary works in all genres: short stories, poetry, novels, drama, and nonfiction.

At DCHS, this course is designed to embrace the philosophy of the IB Middle Years Programme by developing students who engage in intellectual challenge, make connections between their studies in traditional subjects and the real world, and develop skills for communication, intercultural understanding and global engagement.

10th Grade English Courses

**ENGLISH II – 50330S1/S2**

**Year:** 1.0 ENG credit  
**Grade:** 10

English II is a year-long course intended to help students strengthen their writing, reading, and communication skills. Students will explore the genres of novel, short story, nonfiction, poetry, essay, speeches, and drama. In addition, students will be expected to successfully complete a major research project; multi-paragraph, thesis-driven essays; critical analysis essays, essay tests; and first person, narrative accounts. Homework plays an essential role in the course, along with the study of vocabulary.

At DCHS, this course is designed to embrace the philosophy of the IB Middle Years Programme by developing students who engage in intellectual challenge, make connections between their studies in traditional subjects and the real world, and develop skills for communication, intercultural understanding and global engagement.
ENGLISH II HONORS – 50340S1/S2

**Year:** 1.0 ENG credit  
**Grade:** 10  
**Prerequisite:** Teacher recommendation and completion of English I Honors with a grade of C or higher for both semesters. For students who have not completed English I Honors, teacher recommendation and completion of English I, with a grade of C or higher for both semesters, are required. *Students who do not maintain a D or above first semester may be dropped from the course and enrolled in English II second semester. Check the DCHS website in late May for the required summer assignment.

This year-long, accelerated course includes much of the literature, vocabulary study, and writing experiences of English II, but at an accelerated level (reading assignments, homework, and complexity of writing will be augmented). This course is intended for students capable of a challenging curriculum and provides a strong foundation for subsequent honors classes. In addition, the study of grammar, usage and mechanics will be integrated with the students' writing. In addition to the increased homework load, Honors English II students will be expected to complete a summer reading component.

At DCHS, this course is designed to embrace the philosophy of the IB Middle Years Programme by developing students who engage in intellectual challenge, make connections between their studies in traditional subjects and the real world, and develop skills for communication, intercultural understanding and global engagement.

### 11th & 12th Grade Year-Long English Courses

**CREATIVE WRITING/CONTEMPORARY LITERATURE – 50475S1/S2**

**Year:** 1.0 ENG credit  
**Grades:** 11, 12

This course provides direct instruction and tends to be very structured. Students will write creative forms such as poetry, stories, plays, films and more. A wide variety of authors will be read. Students will practice the craft of writing and participate in the editing of a publication process.

At DCHS, this course involves daily writing and journals. Students are expected to complete a minimum of 2 short stories (8-15 pages) per semester.

**WORLD LITERATURE & COMPOSITION – 50571S1/S2**

**Year:** 1.0 ENG credit  
**Grades:** 11, 12

Students will develop a better understanding of the world through its literature – past and present. Composition, interwoven throughout the study of diverse literature, will be designed to help students write with clarity and effectiveness to better prepare them for a variety of college writing situations. The building of vocabulary through Vocabulary Workshop will also be incorporated with the wide ranging scope of literature. In addition, all students will complete a senior research project designed to deepen their understanding of world literature. The study of grammar, usage, and mechanics will be integrated with the students’ writing. Out of class work is an essential component of the course.

**JUNIOR PRE-AP ENGLISH – 50370S1/S2**

**Year:** 1.0 ENG credit  
**Grade:** 11  
**Prerequisite:** Completion of English II Honors with a grade of C or higher both semesters. For students who have not completed English II Honors, teacher recommendation and completion of English II, with a grade of C or higher for both semesters, are required. Check the DCHS website for required summer assignments.
This course invites and challenges students to engage themselves intellectually with great works of literature which may include both fiction and non-fiction selections like *Beowulf*, *Hamlet*, *The Canterbury Tales*, *Grendel*, *Brave New World*, *The Great Gatsby*, and various essays, short stories, and poems. Students will study vocabulary, grammar and analytical writings at an appropriately rigorous level to help prepare them for their senior year in AP English.

**YOUNG ADULT LITERATURE – 50575S1/S2**

**Year:** 1.0 ENG Credit  
**Grade:** 11  
**Prerequisite:** Teacher approval is required

This course is designed to build reading competency by employing strategies to increase reading comprehension and enjoyment and to help students become more proficient and confident writers. Students will read a variety of high-interest fiction and nonfiction works, including self-selected texts. Emphasis is placed on student response to literature through class discussion, literary analysis, written personal response, and creative writing. Students will also complete research projects. The study of vocabulary, grammar usage, and conventions will be integrated through the student's writing. Students may not take this class without teacher recommendation.

**COLLEGE PREP READING & WRITING – 50515S1/S2**

**Year:** 1.0 ENG credit  
**Grades:** 12  
**Prerequisite:** Average to above average reading and writing skills

College Prep Reading and Writing is a year-long course that teaches the college-bound student to write clearly and effectively for a variety of college situations, regardless of the student's major field of study. In addition, the course emphasizes vocabulary building and broadens critical thinking skills through. This course is designed to help students prepare for the demanding reading requirements in college. Students will learn and practice skills to improve their reading speed and comprehension. They are also expected to write a literary research paper. Students will increase their vocabulary and learn other valuable skills to help make the transition to college a smooth one.

### 11th & 12th Grade Semester-Long English Courses

**AMERICAN LITERATURE – 01054**

**Semester:** 0.5 ENG credit  
**Grades:** 11, 12

An overview of literature deriving from the United States: This course delves through literature from Native American oral tradition, through related works of fiction and non-fiction, an overview of American transcendentalism, distinctive early and contemporary literary achievements, and selected intriguing short stories and poetry. Students will examine American literature from a thematic lens as they explore the American Dream, the diverse voices in American literature, and their own place in society. Students should expect to read and discuss a variety of texts. Writing, with a focus on literary analysis, will be integrated into each unit.

**HUMANITIES – 50715S1**

**Semester:** 0.5 ENG credit  
**Grades:** 11, 12

This challenging course is a survey of the arts of Western and Eastern culture from its earliest appearance to the present day. Students read, view, listen to, and discuss works of art compared with the trends of their own and other eras. The goal of the class is to have students able to describe and discuss historical events, ideas, styles, and major art works of various time periods. Selections from the Bible and other religious works are taught. At DCHS, Students will also read at least one full-length literary text.
SCIENCE FICTION & FANTASY – 50610
Semester: 0.5 ENG credit
Grades: 11, 12
This course is a study of science fiction and fantasy literature. Students will read extensively, write responses to literature, discuss the prominent themes and prepare a variety of literary projects.

POETRY: LITERATURE & COMPOSITION – 50669
Semester: 0.5 ENG credit
Grades: 11, 12
This course will bring together people who have a passion for language, both readers and writers. Students will read, discuss, write poems from the masters, ancient and modern. As poetry was originally designed to be recited aloud, students will identify the commonalities between contemporary music and the more traditional forms to develop further connections to the most ancient of literary traditions.

CONTEMPORARY LITERATURE I [GRAPHIC NOVELS] – 50590 (2nd Semester)
Semester: 0.5 ENG credit
Grades: 11, 12
This elective, semester-long course provides a short overview of how the graphic novel has become a legitimate artistic and literary genre during the last fifty years. Class time involves a combination of reading, small group discussion and written analysis. This course is specially designed for the student who loves to read but who finds too little time for pleasure reading. Students will read groundbreaking graphic novel titles as well as some choice options.

AP English Courses

*AP LANGUAGE AND COMPOSITION – 50390S1/S2
Year: 1.0 ENG credit, weighted
Grade: 11
Prerequisite: Satisfactory completion of English II Honors. For students who have not completed English II Honors, teacher recommendation, satisfactory completion of English II, and satisfactory completion of the summer assignment are required. For all transfer students, satisfactory completion of the summer assignment is required prior to the first week of class.
Expenses: Cost of the AP exam

Students in AP Language and Composition will learn to identify, analyze, and employ the compositional and rhetorical strategies covered in an introductory college composition course. They will also prepare for the AP Language Test, for which many universities give college credit. The course readings are predominantly nonfiction rather than fiction literature. Students should expect to discuss texts that explore diverse and expansive perspectives, ideas, and experiences. Students will write frequently in various modes and complete numerous timed essays that focus on argumentation, analysis, and synthesis skills. Students should have a proficient command of Standard English grammar and usage and show evidence of achievement in previous English courses. This course is an excellent opportunity for diligent, hard-working students who are strong readers and strong writers with a strong foundation of English/Language Arts skills.

*AP LITERATURE AND COMPOSITION – 50400S1/S2
Year: 1.0 ENG credit, weighted
Grade: 12
Prerequisite: Satisfactory completion of Pre-AP Literature or *AP Language and Composition, and completion of summer reading assignments. For students who have not completed Pre-AP Literature or *AP Language and Composition, teacher
recommendation, and satisfactory completion of a junior-level English class are required. For all transfer students, satisfactory completion of the summer assignment is required prior to the first week of class.

**Expenses:** Cost of the AP exam

AP Literature and Composition is equivalent to a college freshman course. Students may receive credit and/or advanced placement at college, contingent upon the results of a national test. Emphasis will be placed on critical reading and analysis of poetry, drama, and prose. Students will write frequently, using a variety of techniques including numerous timed essays. Students should have a good command of Standard English grammar and should be strong writers.

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**IB Language & Literature Courses**

*IB ENGLISH HL I [Junior] – 50355S1/S2*

**Year:** 1.0 ENG credit, weighted  
**Grade:** 11  
**Prerequisite:** Admittance to the IB program required

IB English (Language and Literature HL) is a required class for International Baccalaureate students. It is the first part of a two-year course intended to prepare students for High-Level Written and Oral Assignments and the High-Level Language and Literature exam in the spring of the senior year. Students will read, discuss, and write while exploring how meaning is constructed through language and for what purpose, using selected non-literary works and world literature of recognized literary merit.

*IB ENGLISH HL II [Senior] – 11505S1/S2*

**Year:** 1.0 ENG credit, weighted  
**Grade:** 12  
**Prerequisite:** IB English HL I (Junior year); admittance to the IB program required  
**Prerequisite:** Cost of the IB exam

IB English is a required class for International Baccalaureate students who are seniors. It is the second part of a two-year course intended to prepare students for the High-Level Written Assignment and the High-Level Language & Literature A exams. Students will read, discuss, and write while exploring how meaning is constructed through language and for what purpose, using selected non-literary works and world literature of recognized literary merit.

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**CE English & Literature Courses**

**ACC-ENG 121 ENGLISH COMPOSITION (DCSD Course # 6902S1)**

**Semester:** 3.0 ACC Credits; 0.5 ENG credit  
**Grade:** 12  
**Prerequisite:** B or better both semesters of 11th grade English AND a 3.0 unweighted cumulative GPA OR ACT English score of 18+; students enrolled in this course must be concurrently enrolled in Arapahoe Community College before May 1st, properly register with College Opportunity Fund (COF), and sign a CE agreement by the first week of class.  
**Expenses:** Text cost approximately $90, $10 ACC fee  
**ACC Registration:** See further instructions on the Concurrent Enrollment page.

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing.
ACC-LIT 115 INTRO TO LITERATURE (DCSD COURSE # 69027S2)

Semester: 3.0 ACC Credits; 0.5 ENG credit
Grade: 12
Prerequisite: B or better both semesters of 11th grade English AND a 3.0 unweighted cumulative GPA OR ACT English score of 18+; students enrolled in this course must be concurrently enrolled in Arapahoe Community College before May 1st, properly register with College Opportunity Fund (COF), and sign a CE agreement by the first week of class.
Expenses: Text cost approximately $90, $10 ACC fee
ACC Registration: See further instructions on the Concurrent Enrollment page.

Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading.

Additional English Courses

JOURNALISM I – ENGLISH CREDIT – 50405

Semester: 0.5 ENG credit
Grades: 9, 10, 11, 12

This course addresses the history, purpose, legal and ethical concerns, style, and content of print journalism. Students study professional models and will practice producing news stories, features, editorials and columns, and sports and entertainment writing suitable for high school publications. Photojournalism and ethics are also covered. Participants learn the fundamentals of layout and design and create a mock newspaper. Although this course is suitable for anyone interested in journalism, it is geared towards those who wish to be well prepared for assuming roles on newspaper and yearbook staffs. As with all Language Arts courses, reading and writing standards will be reinforced.

At DCHS, this course will also focus on news and media literacy and empower students with tools and strategies to navigate an increasingly complex world of information.

*Students are allowed to take this class for English credit for only one semester.* This course is considered elective credit (not English credit) by Colorado Colleges and Universities.

YEARBOOK – 50420S1/S2

Year: 1.0 Elective credit only
Grades: 10, 11, 12 (9th Grade if approved by Middle School Yearbook Teacher only)
Prerequisite: English teacher approval, formal application, interview with yearbook advisor, and average to above average writing skills

Students will work as a collaborative team to produce the school's yearbook. They will work on computers to fulfill their assigned tasks. Each team member must be able to work well with others and must be prepared to conduct interviews, write and edit high-quality articles, learn and implement all aspects of desktop publishing, and practice use of the latest graphic trends. Team members will work to advertise the publication and will participate in collecting and taking photographs. The culture of the yearbook class emphasizes teamwork, goal setting, accountability, and the importance of meeting deadlines. Interested students must be willing to dedicate time after school hours at sporting events and school activities.

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**MATHEMATICS**

In all mathematics courses, students will: make sense of problems and persevere in solving them; reason abstractly and quantitatively; construct viable arguments and critique the reasoning of others; model with mathematics; use appropriate tools strategically; attend to precision; look for and make use of structure; and, look for and express regularity in repeated reasoning.

The curriculum that we are using for Algebra 1, Geometry, and Algebra 2 is called College Preparatory Mathematics (CPM). The classes are structured to actively involve every student in the process of learning mathematics through inquiry and investigation. Team-work and collaboration will be a major emphasis throughout the school year. The CPM curriculum is designed to facilitate mastery learning over time.

CPM’s website ([www.cpm.org](http://www.cpm.org)) will be a great resource for you and your students. There is a parent section where you will find information about the design of the course, its research base, Parent Guides, Homework Help and much more. Textbooks will not be checked out for individual students to take home; however, copies will be available in the classroom and library for student use. If you would like to purchase a 1-year eBook for your student to use at home, you may purchase this through [shop.cpm.org](http://shop.cpm.org) for $10.

The following courses have summer packets: Algebra II/Trigonometry, Honors Algebra II/Trigonometry, College Algebra, Honors Trigonometry/Pre-Calculus, AP Calculus AB, AP Calculus BC, AP Statistics, IB Level I, II, IB Studies HL. These packets provide prerequisite knowledge practice for students to complete by the first day of school. Students will be assessed on their understanding of the prerequisite topics and expected to seek remedial assistance if needed. Summer packets can be found on the Douglas County High School Mathematics webpage.

**TI-83 and TI-84 are the only graphing calculators permitted on exams at Douglas County High School. For a complete list of approved calculators on standardized tests, please visit the math page on the DCHS website.**

Courses that count as a graduation competency upon students receiving a passing grade.

![National Collegiate Athletic Association approved courses](https://example.com/ncaa-approved-courses)

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<th>PROGRESSION CHARTS - MATHEMATICS</th>
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<tr>
<td>Students must earn a C or better to advance to the next course. Students who earn a D will earn credit for the course but may not advance to the next course. If a student chooses to stay in course without meeting the prerequisite, a letter of agreement must be submitted and all parties must be in agreement: parent, student, teacher, etc.</td>
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### TYPICAL PROGRESSION

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### VOCATIONAL PROGRESSION
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<td>GEOMETRY IN CONSTRUCTION</td>
<td>MATH OF MONEY DISCRETE MATH (Sem 2)</td>
</tr>
</tbody>
</table>

### AP PROGRESSION
Teachers may recommend modified course progressions on a case-by-case basis.

<table>
<thead>
<tr>
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<th>11th Grade</th>
<th>12th Grade</th>
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<tr>
<td>ALGEBRA I</td>
<td>HONORS GEOMETRY</td>
<td>HONORS ALGEBRA II/TRIG</td>
<td>AP STATISTICS HONORS TRIG/PRE-CALCULUS</td>
</tr>
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<td>HONORS GEOMETRY</td>
<td>ALGEBRA II/TRIG</td>
<td>HONORS TRIG/PRE-CALCULUS</td>
<td>AP CALCULUS AB AP CALCULUS BC and/or AP STATISTICS</td>
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<tr>
<td>HONORS ALGEBRA II/TRIG</td>
<td>HONORS TRIG/PRE-CALCULUS</td>
<td>AP CALCULUS AB or AP CALCULUS BC</td>
<td>ANALYSIS &amp; APPROACHES (HL) [*IB HL] (Sem 1) CALCULUS III (Sem 2) AP STATISTICS AP CALCULUS BC</td>
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### IB PROGRESSION
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<td>HONORS GEOMETRY</td>
<td>ALGEBRA II/TRIG Or HONORS ALGEBRA II/TRIG</td>
<td>CE-MAT 121/COLLEGE ALGEBRA and CE-MAT 122/TRIGONOMETRY</td>
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<td>AP CALCULUS AB</td>
<td>ANALYSIS &amp; APPROACHES (HL) [*IB MATHEMATICS: A &amp; A HL II]</td>
</tr>
<tr>
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<td>HONORS TRIG/PRE-CALCULUS</td>
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<td>ANALYSIS &amp; APPROACHES (HL) [*IB MATHEMATICS: A &amp; A HL II]</td>
</tr>
</tbody>
</table>
Math Courses

ALGEBRA I – 60400S1/S2

**Year:** 1.0 MAT credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** TI-83 or TI-84 calculator required

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

GEOMETRY – 60475S1/S2

**Year:** 1.0 MAT credit  
**Grades:** 10, 11, 12  
**Prerequisite:** Successful completion of Algebra I with a C or better  
**Expenses:** protractor, compass and TI-83 or TI-84 calculator required

This course is concerned with spatial relationships of two and three-dimensional figures. It is the study of mathematics by logical deduction, the construction of geometric figures, and applications to problem solving.

ALGEBRA II/TRIG – 60590S1/S2

**Year:** 1.0 MAT credit  
**Grades:** 10, 11, 12  
**Prerequisite:** Successful completion of Algebra & Geometry with a C or better  
**Expenses:** TI-83 or TI-84 calculator required

This course expands and clarifies concepts introduced in Algebra I and Geometry. Topics include linear and quadratic functions and systems; matrix operations; advanced probability and statistics; rational, exponential and logarithmic functions; right triangle trigonometry; periodic functions; quadratic relations; conic sections; and sequences and series. The teacher will demonstrate concepts using the graphing calculator.

COLLEGE ALGEBRA – 60570S1/S2

**Year:** 1.0 MAT credit  
**Grades:** 11, 12  
**Prerequisite:** Successful completion of Algebra II/Trig with a C or better  
**Expenses:** TI-83 or TI-84 calculator required

In this course students study algebraic functions and their graphs (linear, quadratic, cubic, exponential, logarithmic, and absolute value). Other topics may include series and sequences, conic sections, matrices, probability and statistics.

*CALCULUS III – 60660 (2nd semester)*

**Semester:** 0.5 MAT credit, weighted  
**Grades:** 11, 12  
**Prerequisite:** Successful completion of *AP Calculus BC  
**Expenses:** TI-83 or TI-84 calculator required
This semester-long course represents the continuation of the calculus sequence. It is a systematic approach to the understanding of multivariable calculus. Topics include: vectors and vector valued functions, functions of several variables, multiple integrals, and vector analysis. *Students may be able to earn college credit.

**STATISTICAL REASONING – 60803S1/S2**

- **Year:** 1.0 MAT credit
- **Grades:** 12
- **Prerequisite:** Successful completion of Algebra II/Trig with a C or better
- **Expenses:** TI-83 or TI-84 calculator required

This course will use the relevant topics and data sets of sports and other real life situations to cover many introductory college-level statistics course topics, including designing studies, exploratory data analysis, regression, probability distributions, normal and binomial distributions, and hypothesis testing. The purpose of this course is to provide students with a class that introduces them to statistical reasoning in a context that is rich with examples likely to spark their interest.

**DISCRETE MATH – 60800** *(2nd semester)*

- **Semester:** 0.5 MAT credit
- **Grades:** 11, 12
- **Prerequisite:** Algebra I and teacher recommendation
- **Expenses:** TI-83 or TI-84 calculator required

This course is designed for college bound students interested in business, communications, and social studies. Students will use graphing calculators to solve real world problems from the fields listed above.

**GEOMETRY IN CONSTRUCTION – 60479S1/S2**

- **Semester:** 1.0 MAT credit
- **Grades:** 11, 12
- **Prerequisite:** Passing grades in Algebra I and Geometry; teacher approval
- **Expenses:** TI-83 or TI-84 calculator required

Geometry in Construction will develop the practical knowledge and application of geometry in the building trades. This will be done by applying previously explored content from geometry through various building projects during the year. This course is part of a pathway and implementation needs to be approached through the integration of the full pathway.

**MATHEMATICS OF MONEY – 60916S1/S2**

- **Semester:** 1.0 MAT credit
- **Grades:** 12
- **Prerequisite:** Special Program - teacher recommendation
- **Expenses:** Calculator required

Students will use spreadsheets, internet sites, financial publications, and other resources to explore money and its relation to their lives. Savings, earnings, business ventures, credit cards, banking services, loans, investments, insurance, taxes and purchases are some of the topics to be studied.

**Honors Math Courses**

**GEOMETRY HONORS – 60450S1/S2**

- **Year:** 1.0 MAT credit
- **Grades:** 9, 10
Prerequisite: Algebra I with an A, teacher recommendation, AND passing score on placement test
Expenses: protractor, compass and TI-83 or TI-84 calculator required

This is an accelerated Geometry course for students who want a challenging, fast-paced math course. In addition to the topics in Geometry, Geometry Honors emphasizes the proof of geometric and algebraic properties and emphasizes real-world applications to geometric concepts.

HONORS ALGEBRA II/TRIG – 60550S1/S2

Year: 1.0 MAT credit
Grades: 9, 10, 11
Prerequisite: Successful Completion of Honors Geometry, passing score on placement test for incoming freshmen AND teacher recommendation.
Expenses: TI-83 or TI-84 calculator required

This is a rigorous course for highly motivated students. It is a comprehensive study of functions, including linear functions, quadratic functions, exponential functions, logarithmic functions, rational and irrational algebraic functions, and higher-degree functions. It also includes sequences, series, and probability.

HONORS TRIGONOMETRY/PRECAL – 60752S1/S2

Year: 1.0 MAT credit*
Grades: 10, 11, 12
Prerequisite: Honors Algebra II/Trig with C or better and teacher recommendation (Algebra II with A and teacher recommendation, or College Alg/Trig with C or better and teacher recommendation)
Expenses: TI-83 or TI-84 calculator required

This is a rigorous course for highly motivated students. The course will cover the study of trigonometric and circular functions and their applications, analytical geometry and other advanced analytical topics to prepare for the study of Calculus

AP Math Courses

*AP CALCULUS AB – 60625S1/S2

Year: 1.0 MAT credit, weighted
Grades: 11, 12
Prerequisite: Trigonometry/Pre-Calculus with C or better or College Algebra/Trig with a B or better and teacher recommendation
Expenses: $20 AP Workbook, TI-83 or TI-84 calculator required, and cost of the AP Exam

This is a weighted advanced placement course including differential and integral calculus. Students will be prepared to take the "AB" AP exam, which allows students to test out of one semester of college calculus.

*AP CALCULUS BC – 60650S1/S2

Year: 1.0 MAT credit is weighted
Grades: 11, 12
Prerequisite: Trigonometry/ Pre-Calculus or Calculus AB with a B or higher and teacher recommendation
Expenses: $20 AP Workbook, TI-83 or TI-84 calculator required, and cost of the AP Exam

This is a weighted advanced placement course including limits, differential and integral calculus, infinite series, and applications. Students will be prepared to take the "BC" AP Exam, which allows students to test out of up to two semesters of college calculus.
**AP STATISTICS – 60801S1/S2**

**Year:** 1.0 MAT credit, weighted  
**Grades:** 12 (11th by teacher recommendation)  
**Prerequisite:** Successful completion of Algebra II/Trig or higher level Math and teacher recommendation  
**Expenses:** $20 AP Workbook and students acquire own textbook, TI-83 or TI-84 calculator required, and cost of the AP Exam

AP Statistics is an option for students who have successfully completed College Algebra and who possess sufficient mathematical maturity and quantitative reasoning ability. Students study major concepts and tools for collecting, analyzing, and drawing conclusions from data. These include producing models using probability theory, planning a study, technical writing and statistical inference.

**IB Mathematics Courses**

**IB MATHEMATICS: A & I SL I - 60681S1/S2**

**Year:** 1.0 MAT credit, weighted  
**Grades:** 12  
**Prerequisite:** Completion of Honors Algebra II/Trig, or Algebra II/Trig with teacher recommendation  
**Expenses:** TI-83 or TI-84 calculator required, cost of the IB exam

Applications and Interpretations SL I focuses on a program of study in algebra, sets and logic, geometry and trigonometry, statistics and probability, functions, financial mathematics, and introductory differential calculus. It is open to all students who meet the prerequisites.

**IB MATHEMATICS: A & A SL I - 60692S1/S2**

**Year:** 1.0 MAT credit  
**Grades:** 11  
**Prerequisite:** Completed Honors Algebra II/Trig with a B or better, and teacher recommendation  
**Expenses:** TI-83 or TI-84 calculator required

Analysis and Approaches SL I is the first course of a two-year program of study in numbers and algebra, functions and equations, circular functions and trigonometry, vector geometry, statistics and probability, and calculus.

**IB Mathematics: A & A SL II – 60679S1/S2**

**Year:** 1.0 MAT credit, weighted  
**Grades:** 12  
**Prerequisite:** Complete IB Standard Level I with C or better  
**Expenses:** TI-83 or TI-84 calculator required, cost of the IB exam

Analysis and Approaches SL II is the second course of a two-year program of study in numbers and algebra, functions and equations, circular functions and trigonometry, vector geometry, statistics and probability, and calculus.

**IB Mathematics: A & A HL II – 60677S1/S2**

**Year:** 1.0 MAT credit, weighted  
**Grades:** 12  
**Prerequisite:** AP Calculus AB or BC with B or higher and teacher recommendation  
**Expenses:** TI-83 or TI-84 calculator required, cost of the IB exam

Everyone a Huskie!
Analysis and Approaches HL II course is a study in algebra and coordinate geometry, quadratics, functions, index laws, higher level algebra, binomial expansions, sequences and series, trigonometry, formal proof, calculus, complex numbers, matrices and vectors, and analysis and approximation.

**CE Math Courses**

**ACC-MATH 121/College Algebra – 69030 (1st Semester)**

**Semester:** 1.0 MAT credit; 3.0 ACC Credits  
**Grades:** 11, 12  
**Prerequisite:** A 3.0 GPA and a B or better in Algebra II/Trig and teacher recommendation; **students enrolled in this course must be concurrently enrolled in ACC.**  
**ACC Registration:** See further instructions on the Concurrent Enrollment page.  
**Expenses:** TI-83 or TI-84 calculator. All students are required to purchase My Math Lab online curriculum.  
Includes a brief review of intermediate algebra, equations, and inequalities, functions and their graphs, exponential and logarithmic functions, linear and nonlinear 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.

**ACC-MATH 122/Trigonometry – 69032 (2nd Semester)**

**Semester:** 0.5 MAT credit; 3.0 ACC Credits  
**Grades:** 11, 12  
**Prerequisite:** Successful completion of Math 121 and teacher recommendation; **students enrolled in this course must be concurrently enrolled in ACC.**  
**ACC Registration:** See further instructions on the Concurrent Enrollment page.  
**Expenses** TI-83 or TI-84 calculator. All students are required to purchase My Math Lab online curriculum.  
Covers topics including trigonometric functions (with graphs and inverse functions), identities and equations, solutions of triangles, complex numbers, and other topics as time permits. This is a traditional prerequisite course to the calculus sequence.
PERFORMING ARTS

There is a growing body of evidence connecting student learning in the arts to a wide spectrum of academic and social benefits. These studies document the habits of mind, social competencies and personal dispositions inherent to arts learning. Additionally, research has shown that what students learn in the arts may help them to master other subjects, such as reading, math or social studies.

The Performing Arts offered at Douglas County High School include the study of Music (Instrumental and Vocal offerings), Theatre Arts, and Video Production. These courses receive Fine Arts Elective credit. Technical Theatre and Video Production courses may also be used as Practical Arts Elective credit. Multimedia III receives Practical Arts Elective credit.

Courses that count as a graduation competency upon students receiving a passing grade.

Flowcharts - Performing Arts

Band Flow Chart

MARCHING BAND 1st Semester

CONCERT BAND 1st Semester

WIND ENSEMBLE 2nd Semester

IB MUSIC SL I IB MUSIC II [HL] INSTRUCTOR APPROVAL

MARCHING BAND 1st Semester

SYMPHONIC BAND 2nd Semester

CONCERT BAND 1st Semester

Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.

Orchestra Flow Chart

ORCHESTRA [Orchestra I]

ORCHESTRA STRING [Orchestra II] AUDITION REQ

CHAMBER ORCHESTRA AUDITION ONLY

IB MUSIC SL I IB MUSIC II [HL] INSTRUCTOR APPROVAL

Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.

Choir Flow Chart

CONCERT CHOIR

TENOR/BASS CHOIR

DC BELLES AUDITION ONLY

DC SINGERS AUDITION ONLY

IB MUSIC SL I IB MUSIC II [HL] INSTRUCTOR APPROVAL

Everyone a Huskie!

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Band Courses

**BAND MARCHING – 70410 (1st Semester)**

**Semester:** 0.5 ELE credit

**Grades:** 9, 10, 11, 12

**Prerequisite:** Students must participate in summer camps prior to the school year. This course is open to all students.

**Requirement:** *Students enrolled in this course must also be enrolled in a second semester band class. Options include Wind Ensemble (by audition) or Symphonic Band (open to all students).*

**Expenses:** $100.00 marching band participation fee. $15 Uniform Maintenance fee. Instrument rental is $50.00 per semester. Concert attire is required and purchased by each student.

A semester course only offered in the fall for students who play a wind instrument. Students will continue to learn and enhance music fundamentals and technique learned during previous instructions. Students will also explore multiple approaches to develop and refine aspects of music performance and general effect as it pertains to the Marching Band show design.

*All students will audition for concert ensemble placement at the end of the semester. This course may be repeated for credit.*
CONCERT BAND – 70355S1 (1st Semester)

Year: 0.5 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: This course is open to all students
Requirement: *Students enrolled in this course must also be enrolled in a second semester band class. Options include Wind Ensemble (by audition) or Symphonic Band (open to all students)
Expenses: Instrument rental is $50.00 per semester. Required concert attire purchased by each student.

A semester course only offered in the fall for students who play a wind instrument (woodwinds and brass) and are not members of the marching band. Students will continue to learn and enhance music fundamentals and technique learned during previous instructions. This course is designed for students with 2 years or less playing experience. *All students will audition for concert ensemble placement at the end of the semester. This course may be repeated for credit.

WIND ENSEMBLE – 70300S2 (2nd Semester)

Semester: 0.5 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: By audition only
Requirement: Students enrolled in this course must also be enrolled in first semester band class. Options include Marching Band and Concert Band.
Expenses: Instrument rental is $50.00 per semester. Required concert attire purchased by each student.

This second semester course is designed for advanced wind students. Students will continue with the development of quality individual and ensemble performance skills. The highest quality traditional and contemporary literature for wind band will be explored through intense instruction. This course may be repeated for credit.

SYMPHONIC BAND – 70325S2 (2nd Semester)

Semester: 0.5 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: This course is open to all students
Requirement: Students enrolled in this course must also be enrolled in first semester band class. Options include Marching Band and Concert Band.
Expenses: Instrument rental is $50.00 per semester. Required concert attire purchased by each student.

A second semester course for students who play a wind instrument (woodwinds and brass) with the desire to learn and enhance fundamentals and technique, as well as perform as an ensemble in concert settings. This course will also provide instruction in music theory, history and aural skills that will apply to the development of good musicianship. Students will perform two concerts per semester and at various contests/festivals throughout the year. This course may be repeated for credit.

PERCUSSION TECH – 70400S1/S2

Year: 1.0 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: This course is open to all students
Expenses: $100.00 participation fee + $120.00 Instrument Usage Fee ($60/semester) + $15 Uniform Maintenance fee

A year-long music course designed for students who wish to develop individual and group skills in the performance and study of percussion instruments. The instructor(s) will teach techniques in percussion performance and marching through individual, small and large group instruction. Students will be expected to participate in rehearsals and performances outside of the normal school day. Both marching and concert percussion idioms will be addressed. In addition, students will be involved as participants with the Wind Ensemble or Symphonic Winds as assigned at the Director discretion.
Color Guard Courses

COLOR GUARD TECHNIQUES – 70435 (1st Semester)

Semester: 0.5 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: Students must participate in summer camps prior to the school year. This course is open to all students.
Expenses: $100.00 participation fee. Costume and shoe fees (TBD every year).

This first semester course is designed to introduce and develop a student's knowledge and skill in fundamental and advanced dance and auxiliary equipment techniques and performance. Students will participate in shows, contests and football games with the Douglas County Marching Band. All Guard members are required to participate during scheduled rehearsals and performances beyond the normal school day, as well as those that occur during the summer, some weeknights, and occasional weekends. Students will also be required to attend camps at the school prior to the beginning of the school year.

COLOR GUARD TECHNIQUES – 70435XX (2nd Semester)

Semester: 0.5 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: This course is open to all students.
Expenses: $100.00 participation fee. Costume and shoe fees (TBD every year).

Color Guard Techniques is designed to teach students the basics of marching, dancing and the use of various equipment in order to produce a performance product. This class will link the marching band season and the winter guard season by creating year round consistency. Equipment repertoire will include dance, rifle, saber, flag as well as others. This is a great opportunity for students to try something new and learn how to become proficient in color guard techniques as well as students who already have experience and can continue to develop and perfect their technique.

Orchestra Courses

ORCHESTRA – 70460S1/S2
[Orchestra I]

Classification: Concert Orchestra/Orchestra I
Year: 1.0 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: None
Expenses: $30 Co-Curricular Activity Fee, plus the cost of concert attire. Students must rent or buy their own instrument – instruments are available to rent from the school for $50 per semester.

This course offers the opportunity to play violin, viola, cello, or bass. Students will explore a variety of musical styles and performance techniques. All outside performances and rehearsals are required.

ORCHESTRA/STRING – 70465S1/S2
[Orchestra II]

Classification: Sinfonia Orchestra/Orchestra II
Year: 1.0 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: Concert Orchestra/Orchestra I; audition required
Expenses: $30 Co-Curricular Activity Fee, plus the cost of concert attire. Students must rent or buy their own instrument – instruments are available to rent from the school for $50 per semester.
Sinfonia Orchestra/Orchestra II is an audition-only orchestra made of up 9-12th grade students who have experience playing a string instrument. Advanced fundamentals such as vibrato and shifting will be covered. Students will expand their knowledge of orchestral literature and music notation. All school concerts and rehearsals are required. This course may be repeated for credit.

CHAMBER ORCHESTRA – 70461S1/S2
[Orchestra III]

**Year**: 1.0 FNA credit  
**Grades**: 10, 11, 12  
**Prerequisite**: By audition only  
**Expenses**: $30 Co-Curricular Activity Fee, plus the cost of concert attire. Students must rent or buy their own instrument – instruments are available to rent from the school for $50 per semester.

Chamber Orchestra is an advanced, audition-only orchestra made of up 10th-12th grade students who have extensive playing experience. Private lessons are strongly recommended for all students in this course. Students in this course will expand their knowledge of orchestral literature, music notation, and advanced playing techniques. All school concerts and rehearsals are required. This course may be repeated for credit.

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**Piano & Guitar Courses**

**PIANO I – 70485**

**Semester**: 0.5 FNA credit  
**Grades**: 9, 10, 11, 12  
**Expenses**: $10 Piano book

This class is designed as a beginning piano class. This one semester class includes individual and class instruction. Adequate time is allotted during class for practice. Emphasis is on correct piano technique, basic music notation, and development of repertoire. Students should have little or no previous piano background.

**PIANO II – 70486**

**Semester**: 0.5 FNA credit  
**Grades**: 9, 10, 11, 12  
**Prerequisite**: Piano I course, or previous piano experience  
**Expenses**: $10 Piano book

This course is intended for students already capable of basic note-reading and playing. Students will build upon basic knowledge learned in the Piano I course, or in private lessons by exploring specific keyboard styles, techniques and more advanced piano literature.

**GUITAR I – 70487**

**Semester**: 0.5 FNA credit  
**Grades**: 9, 10, 11, 12  
**Expenses**: $10 Guitar book

This class is designed as a beginning guitar class. The purpose of this course is to introduce and teach students the basic techniques of playing the guitar, music literacy, music theory skills and basic performance techniques. There will be an emphasis placed on classical guitar and chords playing techniques.
Choir Courses

CONCERT CHOIR – 70500S1/S2

Year: 1.0 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: None
Expenses: $30.00 Co-Curricular Activity Fee, plus cost for concert attire ($60-$90)

Concert Choir is a non-auditioned choral ensemble for treble voices that is open to students grades 9-12. This course will explore proper vocal technique, a wide variety of choral literature, and the basic fundamentals of music theory. This course will require few mandatory rehearsals and/or performances outside of school.

TENOR/BASS CHOIR – 70513/70513XX

Year: 1.0 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: None
Expenses: $30.00 Co-Curricular Activity Fee, plus cost for concert attire ($60-$90)

Tenor/Bass Choir is a non-auditioned ensemble for tenor, bass, and changing voices that is open to students grades 9-12. This course will explore proper vocal technique, a wide variety of choral literature, and the basic fundamentals of music theory. This course will require few mandatory rehearsals and/or performances outside of school.

DC BELLES – 70520S1/S2

Year: 1.0 FNA credit
Grades: 10, 11, 12
Prerequisite: At least one-year experience in a high school music ensemble; by audition only
Expenses: $30.00 Co-Curricular Activity Fee, plus cost for concert attire ($60-$90)

DC Belles is an auditioned choral ensemble for treble voices that will explore a wide variety of advanced choral literature. The members of DC Belles will develop advanced vocal technique and a deeper understanding of music theory. This course will require mandatory rehearsals and/or performances outside of school.

DC SINGERS – 70530S1/S2

Year: 1.0 FNA credit
Grades: 10, 11, 12
Prerequisite: At least one-year experience in a high school music ensemble; by audition only
Expenses: $30.00 Co-Curricular Activity Fee, plus cost for concert attire ($60-$90)

DC Singers is an auditioned mixed (SATB) ensemble that will explore a wide variety of advanced choral literature. The members of DC Singers will develop advanced vocal technique and a deeper understanding of music theory. This course will require several mandatory rehearsals and performances outside of school.
Theatre Courses

THEATRE I – 70700
Semester: 0.5 FNA credit
Grades: 9, 10, 11, 12

This course offers the opportunity for a variety of performance experiences, which may include the following: scene work, monologues, stage combat, improvisation, and pantomime. Major emphasis of the class is on developing beginning acting skills and self-esteem. It is suggested, but not required, the student take Theatre I in the fall and Theatre II in the spring. This course may be repeated for credit.

Students are required to attend ONE Live Play each semester, at DCHS or elsewhere.

Optional Theatre I & Theatre II Class Combination: Students may take Theatre I first semester and Theatre II second semester as a combined 1.0 course for the year.

THEATRE II – 70710
Semester: 0.5 FNA credit
Grades: 9, 10, 11, 12
Prerequisite: Theatre I

As a continuation of Theatre I, this course extends development of acting skills and self-esteem. Course work may include the following: scene work, monologues, improvisation, play and character analysis, auditioning, musical theatre, and Shakespeare. Participation in play production is encouraged. It is suggested, but not required, that the student take Theatre I in the fall and Theatre II in the spring. This course may be repeated for credit.

Students are required to attend ONE Live Play each semester, at DCHS or elsewhere.

THEATRE III – 70720S1/S2
Year: 1 FNA credit
Grades: 10, 11, 12
Prerequisite: Theatre II
Expenses: $30/semester

This course emphasizes the development of a higher level of acting skills. Course work may include the following: improvisation, play and character analysis, directing, theatre history, musical theatre, stage combat, and advanced acting techniques. Participation in play production is required. This course may be repeated for credit. This course is required for pre-IB sophomores who plan to use theatre as their sixth subject.

Students are required to attend TWO Live Plays each semester, at DCHS or elsewhere.

THEATRE IV DIRECTOR – 70730S2 (2nd Semester)
Semester: 0.5 FNA credit
Grades: 11, 12
Prerequisite: Theatre III or permission from instructor
Expenses: $30

This class allows students to pursue the fundamentals of stage direction. Course work may include the following: directing and advanced acting, film directing, script and character analysis, and design concepts. Work outside of class time is expected for rehearsal and performances. This class may be repeated for credit.

This is a required course for IB theatre students. It is highly suggested, but not required, that IB students take this class their Junior year.
PRODUCTION ENSEMBLE – 70755S1/S2

Year: 1.0 FNA credit
Grades: 11, 12
Prerequisite: Audition only, Theatre III
Expenses: $30/semester

This audition-only course is for the advanced theatre student. Students will develop advanced production techniques. Play production is the core of this class. Students will be required to participate in the productions. Work outside the classroom is expected for rehearsals and performances. This course may be repeated for credit.

This is a required course for IB theatre students who are using Theatre/Acting track as their sixth subject.

Students in this course must complete 30 hours of backstage work outside of the school day.

Students are required to attend TWO Live Plays each semester, at DCHS or elsewhere.

Tech Theatre Courses

INTRO TECH THEATRE – 70782

Semester: 0.5 FNA credit (*may be used for PRA credit)
Grades: 9, 10, 11, 12
Expenses: $30.00

This course offers for students the opportunity to participate in phases of stagecraft activities. Course work may include the following: scenery construction, stage lighting, make-up, sound, publicity, design, theatre organization management, and maintenance. This course may be repeated for credit, and may be used to meet Practical and/or Fine Arts requirements.

Students in this course must complete 6 hours of backstage work outside of the school day.

Students are required to attend ONE Live Play each semester, at DCHS or elsewhere.

TECH THEATRE I – 70783S1/S2

Year: 1.0 FNA credit (*may be used for PRA credit)
Grades: 10, 11, 12
Prerequisite: Intro Tech Theatre
Expenses: $30/Semester

This year-long course offers students the opportunity to participate in phases of stagecraft and technical theatre, which may include scenery construction, painting, stage lighting, make-up, sound control, properties, management and maintenance. The class is designed for the student who wants a comprehensive look at theatre production. This course may be repeated for credit, and may be used to meet Practical and/or Fine Arts requirements.

Students are required to complete 9 hours of backstage work outside the school day per semester.

Students are required to attend ONE Live Play each semester, at DCHS or elsewhere.

TECHNICAL THEATRE II – 70790S1/S2

Year: 1.0 FNA credit (*may be used for PRA credit)
Grades: 10, 11, 12
Prerequisite: Technical Theatre I
Expenses: $30/Semester
This course offers the serious technical theatre student the opportunity to participate in the phases of technical theatre. Course work may include the following: advanced scene design, advanced lighting design, advanced sound design, stagecraft, publicity, make-up, costumes, theatre organization, and management. Students are encouraged to participate in after-school productions and assume crew leadership responsibilities. This course may be repeated for credit, and may be used to meet Practical and/or Fine Arts requirements. This course may be used to fulfill the IB Theatre Production Ensemble requirement.

**Students are required to complete 18 hours of backstage work outside the school day per semester.**

**Students are required to attend TWO Live Plays each semester, at DCHS or elsewhere.**

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**TECHNICAL THEATRE III – 70792S1/S2**

**Year:** 1.0 FNA credit (*may be used for PRA credit)  
**Grades:** 11, 12  
**Prerequisite:** Audition / Interview only, Technical Theatre II  
**Expenses:** $30/Semester

Technical Theatre III is a course that provides students the opportunity to advance their knowledge and practical application of theatre skills within an education environment. Within this course, students will learn and apply leadership and management skills related to technical theatre. Students will practically implement their previous technical theatre knowledge on realized educational productions and explore ways to find and create other opportunities that utilize their technical abilities both inside their school as well as the community. Upon completion of this course, students should have the knowledge, skills and materials needed to apply for jobs within a technical theatre career. This course may be used to meet Practical and/or Fine Arts requirements.

**Students are required to participate in after-school productions, assume crew leadership responsibilities, and assist with other community requirements.**

**Students will be required to complete 30 hours of backstage work outside the school day per semester.**

**Students are required to attend TWO Live Plays each semester, at DCHS or elsewhere.**

This course is a required course for IB Theatre students who are using Theatre/Technical Track as their sixth subject.

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**Media/Video Production Courses**

**MASS MEDIA VIDEO PRODUCTION I – 70740**

**Semester:** 0.5 FNA credit (*may be used for PRA credit)  
**Grades:** 9, 10, 11, 12  
**Expenses:** $35

This class covers the basics of TV and video production. Students will learn all aspects of video production including camera techniques, editing, directing, lighting and sound. Students will produce several video projects including commercials, PSAs, short films and television-style productions. Students enrolled in this course are expected to complete work requiring a high degree of independence and responsibility. This course may not be repeated.

**MASS MEDIA VIDEO PRODUCTION II – 70899S1/S2**

**Year:** 1.0 FNA credit (*may be used for PRA credit)  
**Grades:** 10, 11, 12  
**Prerequisite:** Mass Media Video Production I; Instructor approval  
**Expenses:** $35 per semester

This class covers advanced TV and video production. Students will master skills in camera techniques, editing, directing, lighting, sound, camera presence, script writing, pre and post production work, live filming and editing. Students will produce videos in many different formats including: commercials, news, field reporting, short films and documentaries. Students will be required to
work outside of class time on various projects. Students signing up for this course must have instructor approval. This class may be repeated.

**MULTIMEDIA III – TV PRODUCTION – 31035**

**Year:** 1.0 PRA credit (*Both semesters required)

**Grades:** 11, 12

**Prerequisite:** Mass Media Video Production I & II or Instructor Approval

**Expenses:** $35 per semester

Students will develop and produce television programming to air within their school’s broadcast system.

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**IB Music & Theatre Courses**

*IB MUSIC SL I – 70523S1/S2

*IB MUSIC II (HL) – 70526S1/S2

**Year:** 1.0 FNA credit, weighted, each course

**Grades:** 11, 12

**Prerequisite:** Instructor approval. Basic music reading skills. Registration in a DCHS IB Performing Ensemble (band/choir/orchestra).

IB Music is open to 11-12th grade students involved in a music ensemble at DCHS. The standard and high level courses are primarily aimed toward students attempting to earn the IB Music Certificate. These courses include advanced instruction in music theory, history, and performance. Students will study chord structure, melodic construction and basic form. They will also explore music history from 1550 to present along with World Music. Students need to be very comfortable with standard music notation and basic music theory concepts (key signatures & scales). *It is a strong possibility that these courses will only be offered as a "0" or "9" hour course (not during the regular school day). Speak with your music teacher if you are interested in taking this course for more information.

*IB WORLD THEATRE HL – 70834

**Semester:** 0.5 FNA credit, weighted

**Grades:** 11, 12

**Prerequisite:** Theatre III

Students in this class will read and research a wide variety of plays and theatre traditions. Emphasis in the course is based upon student application and development of drama principles introduced in Theatre III Literature from both eastern and western traditions will be a part of the course. Students will complete the research commission component for the IB theatre assessment during this course. This is a required class for all IB junior and senior theatre students. *This course will only be offered as a "0" hour course.
All PE courses may be repeated for credit but students cannot enroll in the same physical education class twice in the same semester. These courses receive Physical Education Elective credit.

PROGRAM OBJECTIVES:

• To appreciate the value of physical activity and its contributions to a healthy lifestyle.
• To gain functional knowledge of the principal muscle groups used in exercise and sport activities.
• The student will demonstrate functional knowledge of safety, rules, strategy and vocabulary for each activity by participating in each of the class's activities.
• To learn and demonstrate the fundamental skills of each activity.
• To emphasize good sportsmanship and teamwork.
• Students will be required to dress appropriately for physical activity.
• If a student has pre-existing injuries or illness that will prevent the student from fully participating in the class, please do not register for an active Physical Education course. Pick a classroom setting for credits.

Acknowledgment of Understanding: My student is registering for a DCHS Physical Education class listed/described below. I have read and fully understand the terms of the waiver of liability, assumption of risk, and indemnity agreement that follow on page 87. I understand that I am giving up substantial rights, including my right to sue. I acknowledge that I am signing the registration sheet including the agreement freely and voluntarily, and intend by my signature to be a complete and unconditional release of all liability to the greatest extent allowed by law.

Flowcharts - Physical Education

Strength/Conditioning and Power Weights Flow Charts

Students may take Strength/Conditioning first semester and Strength/Conditioning second semester as a combined 1.0 course for the year. OR
Students may take Strength/Conditioning first semester and Power Weights second semester as a combined 1.0 course for the year.

Students may take Power Weights first semester and Power Weights second semester as a combined 1.0 course for the year.

Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.
Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.

## General PE Courses

### NUTRITION AND WELLNESS – 55375
**Semester:** 0.5 PRA credit  
**Grades:** 9, 10, 11, 12

Learn how food and exercise blend together for peak performance in our body. This class will focus on lifetime sports, exercise programs, and related nutrition information including eating disorders, weight control, current health topics and healthy food selection. Hands-on participation in various physical activities will highlight this action-oriented lifetime learning experience.

### 9/10 PHYSICAL EDUCATION – 75312
**Semester:** 0.5 PHY credit  
**Grades:** 9, 10

This course will offer a variety of team and individual sports as well as lifetime skills and fitness. The components of fitness (cardiovascular, muscular endurance, muscular strength, flexibility, and body composition) will be implemented daily. The team sports may include such sports as soccer, softball, volleyball, basketball, floor hockey, and various general games. The individual sports may include sports such as tennis, pickleball, badminton, shuffleboard, horseshoes and ping pong.

### SHAPE UP – 75322
**Semester:** 0.5 PHY credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $20

This course is designed to help students understand and apply basic fitness concepts that can be utilized throughout life. Cross training, circuit training, flexibility, muscular strength, muscular endurance and balance principles will be emphasized. The course will contain two primary areas of focus: physical improvement and mental growth. The yoga component of this class will help to improve overall fitness, improve self-esteem, manage and redirect stress and anxiety while encouraging individuals to accept responsibility for their own physical and mental well-being. These assets transfer to other areas of students’ lives, both inside and outside the classroom. This course may be taken more than once for credit.
DANCE & FITNESS – 75450

**Semester:** 0.5 PHY credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $20

This course is an introduction for students to various dance forms and fitness activities. Dance units may include Hip-hop/funk, country/line-dance, aerobics and jazz. Fitness activities may include step aerobics, power walking, jogging, interval training, Zumba, and a variety of fitness circuits. The focus is on fun with partner, group and class activities/projects.

TEAM SPORTS – 75302

**Semester:** 0.5 PHY credit  
**Grades:** 10, 11, 12

This course will stress the components of teamwork in a variety of team sport settings. Emphasis will be placed on intermediate to advanced skills, sportsmanship, strategy, and team interaction. The components of fitness (cardiovascular, muscular endurance, muscular strength, flexibility, and body composition) will be implemented daily. Outdoor activities may include softball, soccer, touch football, volleyball, kickball, and ultimate Frisbee. Indoor activities may include volleyball, basketball, floor hockey, indoor soccer, mat ball, McWhipit, and a variety of general games.

ADVANCED TEAM SPORTS I – 75480

**Semester:** 0.5 PHY credit  
**Grades:** 11, 12  
**Prerequisites:** Team Sports and Instructor Signature required

This is an advanced course that will stress the components of teamwork in a variety of settings, taking an in-depth look at team sports play, skill work, strategy, and rules knowledge, while incorporating personal fitness. Students will participate in, officiate and officially score different team sports throughout units. Each student will be involved in the teaching & skill instruction of at least one team sports unit. Outdoor activities may include flag football, kickball, softball, soccer, ultimate frisbee and volleyball. Indoor activities may include basketball, floor hockey, soccer and volleyball. Students will complete cardiovascular fitness activities and help students develop speed, agility and strength components vital to team sports. The Advanced Team Sports Instructor’s signature will be required for enrollment in the class.

PARTNER PE – 75475S1/75475S2

**Semester or Year:** 0.5 PHY credit or 1.0 PHY credit  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Signature required from Instructional Support Services

This course is designed for both students in general education and individuals with special needs. It is designed as a reverse inclusion class that benefits peer partners who are interested in learning how to work and relate to individuals with diverse abilities. Students with special needs will participate in physical activity, increase their knowledge of health and fitness strategies, develop individual lifetime recreation activities and/or skills associated with team sports, and increase their social skills. Partner PE is a success-oriented physical education program featuring supervised peer tutors and individualized learning and instruction. It is taught by a regular physical education teacher and is established as a regular unit of instruction in the master schedule.

PEER COACHING/ADAPTIVE PE – 75477 [FALL] and/or 75477XX [SPRING]

**Semester or Year:** 0.5 PHY credit or 1.0 PHY credit  
**Grades:** 11, 12  
**Prerequisite:** Physical Education Instructor Approval Required

Everyone a Huskie!
This class offers a unique opportunity for students to work with physically or health challenged peers enrolled in the Partner PE class on an individual or small group basis through the enjoyment of team and individual sport activities. Peer coaches will have the opportunity to research and experience various disabilities while collaborating to create lessons to deliver to the class.

**Students MUST have approval from a physical education instructor.**

### Strength & Weights Courses

**STRENGTH/CONDITIONING [FALL] – 75350**

**Semester:** 0.5 PHY credit (1st Semester)

**Grades:** 9, 10, 11, 12

**Expenses:** $20 per semester

Strength and Conditioning is a basic weight training class. It is designed for students who want to learn about weight lifting and how to improve their speed, agility, quickness and endurance. Cardiovascular exercises will be completed on a daily basis to improve overall fitness levels. In the weight room, students will learn correct lifting techniques, the basics of sets vs. reps, and how to use the weight equipment properly. Students will learn about speed, agility, and quickness (SAQ). Through a wide variety of (SAQ) drills, students will learn proper body position, coordination, and correct movement patterns. This class is hands-on and active.

**Optional Strength/Conditioning Class Combination:** Students may take Strength/Conditioning 75350 first semester and Strength/Conditioning 75351 second semester as a combined 1.0 course for the year.

**OR**

**Optional Strength/Conditioning & Power Weights Class Combination:** Students may take Strength/Conditioning 75350 first semester and Power Weights 75376XX second semester as a combined 1.0 course for the year.

**STRENGTH/CONDITIONING [SPRING] – 75351**

**Semester:** 0.5 PHY credit (2nd Semester)

**Grades:** 9, 10, 11, 12

**Expenses:** $20 per semester

Strength and Conditioning is a basic weight training class. It is designed for students who want to learn about weight lifting and how to improve their speed, agility, quickness and endurance. Cardiovascular exercises will be completed on a daily basis to improve overall fitness levels. In the weight room, students will learn correct lifting techniques, the basics of sets vs. reps, and how to use the weight equipment properly. Students will learn about speed, agility, and quickness (SAQ). Through a wide variety of (SAQ) drills, students will learn proper body position, coordination, and correct movement patterns. This class is hands on and active.

**POWER WEIGHTS – 75376 [FALL]**

**Semester or Year:** 0.5 PHY credit

**Grades:** 9**, 10, 11, 12

**Expenses:** $25 per semester

**Prerequisite:** Signature from Power Weights instructor

The objective of this class is to prepare DCHS athletes for athletic competition by increasing physical power, speed, balance, coordination and injury prevention. It is open to both male and female athletes that participate in a school sponsored CHSAA sanctioned sport. It is designed to help athletes reach their full potential by using strength training, speed and core development, flexibility, and nutrition. The class will be set up to help the in-season and out-of-season athlete and will be sport specific within reason. The class is based on individual achievement.

*Everyone a Huskie!*
PLEASE NOTE: ** Freshmen athletes can participate first semester after successfully completing Summer Speed Camp. Instructor approval required.

Optional Power Weights Class Combination: Students may take Power Weights 75376 first semester and Power Weights 75376XX second semester as a combined 1.0 course for the year.

POWER WEIGHTS – 75376XX [SPRING]
Semester or Year: 0.5 PHY credit
Grades: 9**, 10, 11, 12
Expenses: $25 per semester
Prerequisite: Signature from Power Weights instructor

The objective of this class is to prepare DCHS athletes for athletic competition by increasing physical power, speed, balance, coordination and injury prevention. It is open to both male and female athletes that participate in a school sponsored CHSAA sanctioned sport. It is designed to help athletes reach their full potential by using strength training, speed and core development, flexibility, and nutrition. The class will be set up to help the in-season and out-of-season athlete and will be sport specific within reason. The class is based on individual achievement.

PLEASE NOTE: ** Freshmen athletes can participate second semester after completing Strength/Conditioning first semester. Instructor approval required.

Athletic Training Courses

ATHLETIC TRAINING I – 75330
Semester: 0.5 PHY credit
Grades: 10, 11, 12
Expenses: $30.00 (*Additional fee for AHA Certification)

This course will prepare students to meet emergency situations with knowledge and skill. Accident prevention, first aid care, anatomical terms of injury evaluation procedures are included. The learning and training method will be lecture, class discussion, guest speakers, films, practical skills, practice/labs and problem solving. Students will learn rescue-breathing techniques, how to seek professional help, CPR, and choking rescue methods in emergency situations. *Students may receive AHA (American Heart Association) CPR with AED and First-Aid Certification for an additional fee, if desired.

Optional Athletic Training Class Combination: Students may take Athletic Training I first semester and Athletic Training II second semester as a combined 1.0 course for the year.

ATHLETIC TRAINING II – 75340
Semester: 0.5 PHY credit
Grades: 10, 11, 12
Prerequisite: Athletic Training I and Instructor signature
Expenses: $30.00

This course will incorporate knowledge and skill gained from Athletic Training I. New anatomical terminology and injury evaluation procedures will be used. Learning and training methods will be advanced supplemental topics to Part I. Lecture, class discussion, research, guest speakers, films, practical labs and problem solving will be included.

EXERCISE PHYSIOLOGY - 75315
Semester: 0.5 PHY credit
Grades: 11, 12
Prerequisite: Athletic Training II and Instructor approval
Exercise Physiology class will be the second step in the Biology - Health Science pathway for students who are preparing for college to study athletic training, exercise science, kinesiology or biomechanics. "Exercise Physiology is the identification of physiological mechanisms underlying physical activity, the comprehensive delivery of treatment services concerned with the analysis, improvement, and maintenance of health and fitness, rehabilitation of heart disease and other chronic diseases and/or disabilities, and the professional guidance and counsel of athletes and others interested in athletics, sports training, and human adaptability to acute and chronic exercise". (ASEP) Exercise Physiology will be an elective credit for students in Physical Education.

**Adventure Courses**

*Students should not register for any Adventure classes if they have a fear of heights. Climbing rock walls and high ropes activities are part of this class.*

**ADVENTURE EXPERIENCE – 75575**

**Semester:** 0.5 PHY credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $20  
**Requirement:** **Insurance waivers are required for this class**

Students will learn cooperative living skills through the use of individual and group challenge initiatives and games that are non-threatening and group-based. In addition, students will learn and experience the world of climbing through the use of an indoor climbing wall the DCHS high elements challenge course. Fitness components such as muscular endurance, strength, flexibility and cardiovascular development are emphasized in this class.

**ADVENTURE LEADERSHIP – 75585**

**Semester:** 0.5 PHY credit  
**Grades:** 10, 11, 12  
**Prerequisite:** Instructor Approval  
**Requirement:** **Insurance waivers are required for this class**

Adventure Experience II will incorporate knowledge and skill gained from Adventure Experience I. The emphasis of the class is route building, teaching belaying to others, teaching climbing to others, and to provide maintenance to ropes and climbing elements. It is expected that students have a working knowledge of climbing systems and are willing to help teach some aspects of the class. This class will focus on advanced climbing techniques.

**ADVENTURE EXPERIENCE TEACHER AIDE - 75595**

**Semester:** 0.5 PHY credit  
**Grades:** 11, 12  
**Prerequisite:** Grade of “B” or better in Adventure I, Instructor Approval  
**Requirement:** **Insurance waivers are required for this class**

Advanced level students will aide in an Adventure I class by teaching and facilitating the class activities. Requirements:

- Willingness and commitment to being a positive role model.
- Committed to good attendance and being on time.
- Committed to helping teach and facilitate all activities (must be self-motivated).
- Committed to setting up and taking down of high ropes course and climbing wall.

*Everyone a Huskie!*  
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**Participant's Name (Please Print): ____________________________**

**Physical Education Waiver Document**  
*(Liability, Assumption of Risk, and Indemnity Agreement)*

**Waiver:** In consideration for the use and services of the school district’s property, facilities, equipment, and staff, I, on behalf of myself and any other parent or guardian, do hereby release Douglas County School District, its employees and agents from liability for all claims, including negligence resulting in injury, accidents, or illnesses, and property loss arising from, but not limited to, participation in activities, classes, and use of facilities, premises, or equipment.

**Assumption of Risks:** Physical activity, by its very nature, carries with it certain inherent risks that cannot be eliminated regardless of the care taken to avoid injuries. DCSD has facilities for, and provides for activities such as weight lifting, running, aerobic activities, classes and sporting activities. Some of these involve strenuous exertions of strength using various muscle groups; some involve quick movements involving speed and change of direction; and others involve sustained physical activity which places stress on the cardiovascular system.

The specific risks vary from one activity to another, but the risks include (1) minor injuries such as scratches, bruises, and sprains, (2) major injuries such as loss of sight, joint or back injuries, heart attacks, and concussions, (3) catastrophic injuries including paralysis and death.

**I understand and appreciate these and other risks that are inherent** in physical education activities. I understand that my participation is voluntary and I knowingly assume all such risks.

**Indemnification and Hold Harmless:** I also agree to indemnify DCSD from any and all claims, actions, suits, procedures, costs, expenses, damages and liabilities, including attorney’s fees, brought as a result of my involvement in Physical Education classes at __________, and to reimburse them for any such expenses incurred.

**Severability:** I expressly agree that the foregoing waiver and assumption of risk agreement is intended to be as broad as permitted by law, and that if any portion is held invalid, the remainder shall continue in full legal force and effect.

**Acknowledgment of Understanding:** I have read this waiver of liability, assumption of risk, and indemnity agreement, fully understand its terms, and understand that I am giving up substantial rights, including my right to sue. I acknowledge that I am signing the agreement freely and voluntarily, and intend by my signature to be a complete and unconditional release of all liability to the greatest extent allowed by law.

Signature of Parent/Guardian of Minor Date  

Participant’s Age (if minor) ______

FacUse-Athletics 11/17
All students at DCHS are expected to take at least one course in Earth Science (Earth/Enviro), Life Science (Biology) and Physical Science (Chemistry) before graduating, in order to meet Colorado Academic Standards. If you are going to a 4-year college or university, you will need to take 4 credits of Science.

Courses that count as a graduation competency upon students receiving a passing grade.

National Collegiate Athletic Association approved courses

### PROGRESSION CHARTS - SCIENCE

- You need 3 science credits to graduate; however, if you are going to a 4-year college/university, you should have 4 credits, which include Earth/Environ, Biology, Chemistry, and Physics
- In order to take Chemistry or Foundations of Chemistry, you need to be in Algebra II or higher
- You may not double up in Science courses until your Junior year
- It is important for you to check the course catalog for prerequisites and corequisites, for courses you would like to take

### SCIENCE PROGRESSION CHART A - Starting 9th Grade w/Earth Environmental Science

Teachers may recommend modified course progressions on a case-by-case basis.

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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<tbody>
<tr>
<td>EARTH ENVIRONMENTAL SCIENCE (If you are in Algebra I)</td>
<td></td>
<td>CHEMISTRY (If you are in Algebra I)</td>
<td>PHYSICS AP PHYSICS I AP BIOLOGY AP CHEMISTRY AP ENVIRO SCIENCE ELECTIVES</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>CHEM COMM (If you are in Algebra I or Geometry)</td>
<td>AP ENVIRO SCIENCE ELECTIVES</td>
<td></td>
</tr>
<tr>
<td>FOUNDATIONS OF CHEMISTRY (If you are in Algebra I or Geometry)</td>
<td>IB CHEMISTRY SL IB ENVIRO S/S SL</td>
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</tr>
<tr>
<td>IB HL BIOLOGY I (Concurrent w/Chemistry or Foundations of Chemistry)</td>
<td>IB HL BIOLOGY II</td>
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<tr>
<td>IB ENVIRO S/S SL (Concurrent w/Chemistry or Foundations of Chemistry)</td>
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<tr>
<td>AP ENVIRO SCIENCE (Concurrent with Chemistry)</td>
<td>PHYSICS AP BIOLOGY AP CHEMISTRY ELECTIVES</td>
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</tbody>
</table>

**ELECTIVES FOR JUNIORS AND SENIORS**

- ASTRONOMY
- GEOLOGY
- HUMAN ANATOMY & PHYSIOLOGY I AND II
- ZOOLOGY
- AQUATIC BIOLOGY (Seniors Only)

*Everyone a Huskie!*

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<table>
<thead>
<tr>
<th>9th Grade</th>
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<th>12th Grade</th>
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<tr>
<td><strong>CHEMISTRY</strong>&lt;br&gt;(For students NOT going into the IB Diploma Programme)</td>
<td><strong>PHYSICS</strong></td>
<td>AP PHYSICS 1 or 2&lt;br&gt;AP BIOLOGY&lt;br&gt;AP CHEMISTRY&lt;br&gt;AP ENVIRONMENTAL SCI&lt;br&gt;ELECTIVES</td>
<td>AP PHYSICS 2</td>
</tr>
<tr>
<td><strong>AP PHYSICS 1</strong></td>
<td>AP BIOLOGY&lt;br&gt;AP CHEMISTRY&lt;br&gt;AP ENVIRONMENTAL SCI&lt;br&gt;ELECTIVES</td>
<td>AP PHYSICS 1 or 2&lt;br&gt;AP BIOLOGY&lt;br&gt;AP CHEMISTRY&lt;br&gt;AP ENVIRONMENTAL SCI&lt;br&gt;ELECTIVES</td>
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<tr>
<td><strong>BIOLOGY</strong>&lt;br&gt;(If you are in Geometry or higher)</td>
<td><strong>CHEMISTRY</strong>&lt;br&gt;(Intended for IB Diploma Programme students)</td>
<td>IB CHEMISTRY SL&lt;br&gt;IB ENVIRO S/S SL</td>
<td>AP PHYSICS 1 or 2&lt;br&gt;AP BIOLOGY&lt;br&gt;AP CHEMISTRY&lt;br&gt;IB CHEMISTRY SL&lt;br&gt;IB ENVIRO S/S SL&lt;br&gt;ELECTIVES</td>
</tr>
<tr>
<td><strong>AP PHYSICS 1</strong></td>
<td>IB HL BIOLOGY I&lt;br&gt;AP PHYSICS 1</td>
<td>IB HL BIOLOGY II&lt;br&gt;PHYSICS</td>
<td>AP PHYSICS 2&lt;br&gt;AP BIOLOGY&lt;br&gt;AP CHEMISTRY&lt;br&gt;AP ENVIRONMENTAL SCI</td>
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<tr>
<td><strong>AP PHYSICS 1</strong></td>
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<td>AP PHYSICS 2&lt;br&gt;ELECTIVES&lt;br&gt;ELECTIVES&lt;br&gt;ELECTIVES&lt;br&gt;ELECTIVES</td>
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<tr>
<td><strong>CHEM COM</strong></td>
<td>CHEMISTRY</td>
<td>PHYSICS</td>
<td>AP PHYSICS 2&lt;br&gt;AP BIOLOGY&lt;br&gt;AP CHEMISTRY&lt;br&gt;AP ENVIRONMENTAL SCI&lt;br&gt;ELECTIVES</td>
</tr>
<tr>
<td><strong>ELECTIVES FOR JUNIORS AND SENIORS</strong>&lt;br&gt;ASTRONOMY&lt;br&gt;GEOLOGY&lt;br&gt;HUMAN ANATOMY &amp; PHYSIOLOGY I AND II&lt;br&gt;ZOOLOGY&lt;br&gt;AQUATIC BIOLOGY (Seniors Only)</td>
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</table>

*Everyone a Huskie!*
Year-Long Science Courses

EARTH/ENVIRONMENTAL SCIENCE – 80325S1/S2

Year: 1.0 SCI credit
Grades: 9

Earth/Environmental Science is a High School Level course in which students will investigate essential learnings related to cycles, systems, and energy flow related to the topics: geology, weather, astronomy, and natural resources, physics, and chemistry. The relationship between these earth systems and living systems will be explored so that students will be able to make informed decisions regarding the use and care of the resources the earth provides.

BIOLOGY – 80350S1/S2

Year: 1.0 SCI credit
Grades: 9, 10, 11, 12
Prerequisite: Earth/Environmental Science or for 9th grade – concurrent enrollment in Geometry or higher

Biology is a laboratory course. It is the study of living organisms, their life processes and their relationship with the environment. Students develop an understanding of the process of biology through science inquiry. Topics studied may include, but are not limited to: Nature of Science, Cell, Bioenergetics, Homeostasis, Biodiversity, Genetics and Evolution, and Ecology.

CHEMISTRY – 80375S1/S2

Year: 1.0 SCI credit
Grades: 10, 11, 12
Prerequisite: Concurrent enrollment in Algebra II/Trig or higher

Chemistry covers the broad concepts upon which modern chemistry rests, including the mathematics of science, atomic structure, naming and writing formulas, chemical reactions, stoichiometry, gasses, periodicity, bonding, kinetics and equilibrium, solutions and concentrations, acids and bases, with possible enrichment in: redox, thermochemistry, nuclear chemistry, and organic chemistry/biochemistry. Laboratory work is an essential part of the course requiring extensive data analysis.

FOUNDATIONS OF CHEMISTRY – 80381S1/S2

Year: 1.0 SCI credit
Grades: 10, 11
Prerequisite: Biology. Concurrent enrollment in Algebra II/Trig or higher

This course emphasizes the SL Chemistry IB curriculum; it is an honors level course. This is a course that gives an overview of Chemistry to prepare students for the second year IB SL Chemistry course. Topics include atomic theory, stoichiometry, periodicity, chemical bonding, gas laws, chemical equilibrium, and acid/base chemistry.

CHEM COM: CHEMISTRY IN THE COMMUNITY – 80455S1/S2

Year: 1.0 SCI credit
Grades: 10, 11, 12
Prerequisites: Biology, EES, and teacher recommendation

This course is designed to provide students with an understanding and appreciation of chemistry and its daily impact on the community. This course is taken as an alternative to regular Chemistry at the recommendation of the teacher, and is not accepted by the CCHE Pre-Collegiate Curriculum.
PHYSICS – 80430S1/S2

Year: 1.0 SCI credit
Grades: 11, 12
Prerequisite: Concurrently taking Algebra II/Trig

In this lab-based course, students will study the structure and behavior of the physical world and how these ideas relate to human society. Students will study physical principles of dynamics, light, electricity, magnetism, and atomic structure. The emphasis of this course will be on understanding the mathematical relationships that characterize the behavior of the physical world.

Science Elective Courses

HUMAN ANATOMY & PHYSIOLOGY – 80525

Semester: 0.5 SCI credit
Grades: 11, 12
Prerequisite: Passing grade in Biology
Expenses: $20

Human Anatomy and Physiology is a course for students who are interested in exploring human body structures and functions in greater depth. This course focuses on an integrated study of the human body including the histology, anatomy, physiology, pathology, and hemostasis of specific systems. (for schools offering 2 semesters...) The first semester of the course examines the basic anatomy, histology, skeletal, muscular, nervous and cardiovascular systems. Included are mandatory hands-on experiences involving experimentation, microscopy, observations, and dissection. The course is designed for the biology/health care related student; however, the non-biology major will benefit as well.

ANATOMY & PHYSIOLOGY II – 80526

Semester: 0.5 SCI credit
Grades: 11, 12
Prerequisites: C or better in Human Anatomy & Physiology I
Expenses: $20

This course is a college preparatory course for students interested in the health career field. A&P II focuses on an integrated study of the human body including the histology, anatomy, physiology, pathology, and homeostasis of specific systems. The course examines the respiratory, endocrine, hematology, lymphatic, immune, urinary systems. Included are mandatory hands-on experiences involving experimentation, microscopy, observations, and dissection. This is the second semester of a two-semester sequence.

ASTRONOMY – 80600

Semester: 0.5 SCI credit
Grades: 11, 12

This lab-based course includes the study of our place in the universe, motion of celestial objects, planets, moons, stars, galaxies, and cosmology. The study of our solar system draws upon the student’s current knowledge of earth science (geology and weather) and chemistry. Much of the course includes problem solving, requiring a strong understanding of basic algebraic concepts.

GEOLOGY – 80575

Semester: 0.5 SCI credit
Grades: 11, 12

Geology is the study of the earth, its formation, and the processes that shape it. Major topics include geologic time, plate tectonics, earth’s interior, volcanoes, rocks and minerals, earthquakes and seismology, structural geology and introductory hydrology and petroleum geology applications. The course is balanced between: activities, group or individual projects, lecture with written assignments, including giving presentations, making videos, quizzes and tests, and keeping a logbook. At least one field trip will be requested.

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**ZOOLOGY – 80500**

**Semester:** 0.5 SCI credit
**Grades:** 11, 12
**Prerequisite:** Passing grade in Biology

Zoology is a course designed to present the student with representatives of all the major animal groups, their comparative anatomy, evolutionary origins and record, ecology, and behavior. It is primarily a lab oriented class with dissections.

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**AQUATIC BIOLOGY – 80475**

**Semester:** 0.5 SCI credit
**Grades:** 12
**Prerequisite:** Passing grade in Biology
**Expenses:** $10

Aquatic Biology is a course designed to acquaint students with the biology and ecology of freshwater and/or marine environments. The course is designed for the student who has a general interest in science. Students will study the ecological importance and interrelations of aquatic organisms.

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**AP Science Courses**

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**AP BIOLOGY – 80365S1/S2**

**Year:** 1.0 SCI credit, weighted
**Grades:** 11, 12
**Prerequisites:** Passing grade in Algebra II/Trig; C or better in Biology and Chemistry; instructor approval
**Expenses:** AP Exam

This course is designed to be the equivalent of a college freshman biology course. Concepts studied include biochemistry, metabolism and energy, cell structure and function, cell communication and homeostasis, heredity, molecular genetics, evolutionary biology, biodiversity and ecology. Laboratory activities and science skills are an important aspect of the course. Students are expected to take the AP Biology Exam.

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**AP CHEMISTRY – 80400S1/S2**

**Year:** 1.0 SCI credit
**Grades:** 11, 12
**Prerequisite:** C or better in Chemistry
**Expenses:** Cost of AP exam + Required textbook

This course is designed to be the equivalent of the general chemistry course taken during the first year of college. All traditional general chemistry topics, such as stoichiometry, gases, bonding, kinetics, equilibrium, acids and bases, thermodynamics, and electrochemistry will be explored in greater depth and breadth than Chemistry. All students are expected to take the AP exam at the conclusion of the course. Students who attain a 3, 4, or 5 on the AP test may receive college credit.

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*Everyone a Huskie!*
**AP PHYSICS 1: ALGEBRA-BASED – 80656S1/S2**

**Year:** 1.0 SCI credit, weighted  
**Grades:** 11, 12  
**Prerequisite:** Passing geometry with C or better & concurrently taking Algebra II/Trig  
**Expenses:** AP Exam

The AP Physics 1 class is for the advanced student interested in earning general science college credit for 1st semester college physics. This course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound and introduces electric circuits. This is a weighted grade class and will culminate in a year-end AP exam. This class is a prerequisite to IB/AP Physics 2. Students enrolling in this course should have completed Geometry and be concurrently taking Algebra II.

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**AP PHYSICS 2: ALGEBRA-BASED – 80657S1/S2**

**Year:** 1.0 SCI credit, weighted  
**Grade:** 12  
**Prerequisites:** Algebra II & AP Physics 1 or General Physics AND Concurrently taking Trig/Pre-Calc  
**Expenses:** AP Exam

The AP Physics 2 class is for the advanced student interested in earning general science college credit for 2nd semester college physics. This course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. The hands-on approach emphasizes science as a process. Students will be expected to design and carry out experimental procedures as well as apply theoretical principles and analyze experimental results. This is a weighted grade class and will culminate in a year-end AP exam.

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**IB Sciences**

**IB BIOLOGY HL I – 80358S1/S2**

**Year:** 1.0 SCI credit, weighted  
**Grades:** 11  
**Prerequisites:** Chemistry (or concurrent enrollment) & Biology

This is the first year of a two-year, college freshman-level biology course, following the HL Biology curriculum. Core topics include cells, biochemistry, genetics, ecology, plant physiology, evolution, and human physiology. This course incorporates a hands-on approach to learning science. Students are expected to design and carry out experimental procedures as well as apply theoretical principles, analyze experimental results, and share their findings.

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**IB ENVIRO SYSTEM/SOCIETIES SL – 80383S1/S2**

**Year:** 1.0 SCI credit, weighted  
**Grades:** 11, 12  
**Prerequisites:** Biology & EES -or- Biology & Chemistry

This is an interdisciplinary course that provides a coherent perspective of the interrelationships between environmental systems and societies, allowing students to evaluate the scientific, ethical, and socio-political aspects of issues. Topics include ecosystems, biodiversity, population dynamics, pollution, earth systems and resources, land and water use, energy resources, and global change. This course incorporates a hands-on approach to learning science. Students will be expected to design and carry out experimental procedures as well as apply theoretical principles, and analyze experimental results.
**IB CHEMISTRY SL – 80382S1/S2**

**Year:** 1.0 SCI credit, weighted  
**Grades:** 11, 12  
**Prerequisites:** Foundations of Chemistry and teacher approval

This course emphasizes the SL Chemistry IB curriculum. This is a continuation of the Foundations of Chemistry course and goes more in depth into Chemistry. Topics include atomic theory, stoichiometry, periodicity, chemical bonding, gas laws, thermodynamics, kinetics, chemical equilibrium, acid/base chemistry, electrochemistry. Additional topics may include higher physical chemistry, environmental chemistry, biochemistry, and fuels and energy. The hands-on approach emphasizes science as a process. Students will be expected to design and carry out experimental procedures as well as apply theoretical principles and analyze experimental results.

**IB PHYSICS SL – 80453S1/S2**

**Year:** 1.0 SCI credit, weighted  
**Grade:** 12  
**Prerequisites:** Algebra II/Trig, AP Physics I, & Teacher approval

This is the second year of the two-year course. Follows AP Physics 1. This course is taught concurrently with IB HL Physics, with the intention of taking the SL Physics test in May.

**IB HL PHYSICS – 80452S1/S2**

**Year:** 1.0 SCI credit, weighted  
**Grade:** 12  
**Prerequisites:** Algebra II/Trig, AP Physics I, & Teacher approval

This course emphasizes the HL Physics IB curriculum. This is the second year of the two-year course. Follows AP Physics 1. Topics include fluid mechanics, light, electricity, magnetism, and thermodynamics. Additional Topics may include angular motion, atomic structure, optics, fluid dynamics, electrostatics, circuitry, energy production and atomic physics. The hands-on approach emphasizes science as a process. Students will be expected to design and carry out experimental procedures as well as apply theoretical principles and analyze experimental results.

**IB BIOLOGY HL II – 80354S1/S2**

**Year:** 1.0 SCI credit, weighted  
**Grade:** 12  
**Prerequisite:** IB High-Level Biology I

This course is the second year of High-Level IB Biology. Topics covered are a continuation of the IB Biology I course. All students are expected to take the IB Biology test at the end of the year, in addition to attending all review sessions.

*Everyone a Huskie!*
Douglas County High School requires a minimum of 3.0 Social Studies credits for graduation:

- 1.0 Credit of World History
- 1.0 Credit of American History
- 0.5 Credit of United States Government
- 0.5 Credit of Social Studies Elective

Courses that count as a graduation competency upon students receiving a passing grade.

National Collegiate Athletic Association approved courses

### PROGRESSION CHARTS - SOCIAL STUDIES

#### Typical Progression
Teachers may recommend modified course progressions on a case-by-case basis.

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<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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<td>WORLD HISTORY I</td>
<td>US HISTORY 1865 - 1945</td>
<td>UNITED STATES GOVERNMENT</td>
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<td>WORLD RELIGIONS</td>
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**Typical Progression with Elective Courses**

**Typical Progression with AP Courses**

- AP HUMAN GEOGRAPHY
- AP US GOVERNMENT
- AP EUROPEAN HISTORY
- AP US HISTORY
- AP PSYCHOLOGY
### HONORS PROGRESSION

Teachers may recommend modified course progressions on a case-by-case basis.

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### IB PROGRESSION

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<td>IB 20TH CENTURY EUROPE HL II IB PSYCHOLOGY SL/HL Year 1 or HL Year 2 IB PHILOSOPHY SL/HL Year 1 or HL Year 2 IB TOK II (1st Semester)</td>
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<td>WORLD HISTORY HONORS</td>
<td>HONORS US HISTORY + AP HUMAN GEOGRAPHY (optional)</td>
<td>IB EUROPEAN HISTORY HL I IB PSYCHOLOGY SL/HL Year 1 IB PHILOSOPHY SL/HL Year 1 IB TOK I (2nd Semester)</td>
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### Social Studies Courses

**WORLD HISTORY I – 85300S1/S2**

**Semester:** 1.0 WLD credit  
**Grade:** 9

The study of the IB MYP individuals and societies helps students to critically appreciate the diversity of human culture, attitudes and beliefs. This course is intended to give students an overview of Western history. The course starts with the earliest civilizations of the Middle East and Africa, Greece and Rome and traces history through the French Revolution. This course provides a broad background in history, which prepares students for further study of history and the social studies.
WORLD HISTORY HONORS – 85450S1/S2

Semester: 1.0 WLD credit
Grade: 9
Prerequisite: Successful completion of 8th grade Social Studies with a B or better

The study of the IB MYP Individuals and Societies helps students to appreciate critically the diversity of human culture, attitudes and beliefs. MYP honors students will undertake rigorous investigations that constitute an important foundation for the IB Diploma Program Courses/AP. Students will compare historical events with contemporary issues enabling them to understand the relevance of history to our lives today. The Honors class challenges students to go beyond the traditional curricular study to pursue a more in depth study of the content. This course is demanding and will require a greater commitment of time and effort.

US HISTORY 1865-1945 – 85550

Semester: 0.5 AMH credit
Grades: 10, 11, 12

The study of the IB MYP individuals and societies helps students to critically appreciate the diversity of human culture, attitudes and beliefs. The content of this course includes topics in U.S. History since 1865. Content includes reconstruction, industrialism, and immigration, the emergence of big business, the labor movement, Progressive Era reforms, World War I, the Twenties, the Great Depression, the New Deal, and US involvement in World War II. Research and study skills will be taught and applied in this class.

US HISTORY SINCE 1945 – 85575

Semester: 0.5 AMH credit
Grades: 10, 11, 12

The study of the IB MYP Individuals and Societies helps students to appreciate critically the diversity of human culture, attitudes and beliefs. This course will trace major events, which have occurred since World War II with emphasis on the political events and personalities involved. Topics covered in the course include: the Cold War, the civil rights movement, Korean and Vietnam Wars, Watergate, and contemporary issues.

HONORS US HISTORY [10th] – 85880S1/S2

Year: 1.0 AMH credit
Grade: 10
Prerequisite: Successful completion of Honors 9th Grade History

The study of the IB MYP Individuals and Societies helps students to appreciate critically the diversity of human culture, attitudes and beliefs. MYP honors students will undertake rigorous investigations that constitute an important foundation for the IB Diploma Program Courses/AP. This year-long survey of US history is taught thematically and emphasizes social, political, and economic themes. Textbooks, supplemental readings, and essays are used to help students master factual knowledge and critical analysis skills.

UNITED STATES GOVERNMENT – 85700

Semester: 0.5 GVT credit
Grades: 11, 12

Students will study why there is government, types of governments, the U.S. Constitution, the three branches of government (legislative, executive and judicial) and the concept of separation of powers. Students will also study the function and structure of the court system, political parties, and the role of a citizen in a government. Current events will be emphasized as they apply to the study of the U.S. Government.
Elective Social Studies Courses

MEDIEVAL HISTORY – 85350

Semester: 0.5 WLD credit
Grades: 11, 12

This course will trace the development of Western civilization from the fall of Rome to the Age of Exploration and Discovery. Topics covered in the course include: the Medieval Period, the Renaissance, and the Reformation. Special attention will be given to reading skills and the methods used in historical research.

US ECONOMICS – 85800

Semester: 0.5 ECN credit
Grades: 11, 12

This course will focus on the economic principles and concepts that enable students to gain a greater economic understanding of current events and issues in the U.S. and around the world. Economic reasoning skills will be emphasized.

ENTREPRENEURIAL ECONOMICS – 85804

Semester: 0.5 ECN credit
Grades: 11, 12

Entrepreneurial Economics combines the basic concepts of US Economics along with the Company Program. Through this class, you will gain understanding of how the American and Global economic systems work, as well as an understanding of how individual businesses function. With the Company Program, students will create and run their own company, from product design to the selling of stock, to the production of a product, to the sale of the product, and ultimately the return of dividends to their investors.

Successful completion of the capstone project meets graduation competency requirements.

PSYCHOLOGY – 85750

Semester: 0.5 SST credit
Grades: 11, 12

The goals of psychology are to describe, understand and predict individual human behavior. In this course students will be introduced to the history and application of psychology research methods, sensation and perception, altered states of consciousness, sleep and dreaming, learning, development, theories of personality, and abnormal behavior. Students will also learn and demonstrate successful communication and group interaction skills.

CONTEMPORARY WORLD ISSUES – 85745

Semester: 0.5 SST credit
Grades: 11, 12

This upper level course will focus on the analysis and interpretation of contemporary world issues. Students will examine current events through themes such as Power, Conflict, Justice, and Technology. Debate, research, discussion, critical thinking, and media analysis are all skills that will be applied during the course of the semester. Students will be required to stay current on world, national, and local issues of importance.
CRIMINAL JUSTICE I – 68050

Semester: 0.5 ELE credit
Grades: 11, 12

Criminal Justice I - Law Enforcement, Courts, and Corrections is designed for students who are considering careers in criminal justice related fields. Students will learn about criminal justice careers, crime and the criminal justice system, criminal law, courts and the judiciary, the prosecution and the defense, the criminal trial, punishment and sentencing, corrections and crime scene basic principles.

WORLD RELIGIONS – 85870

Semester: 0.5 SST credit
Grades: 11, 12

This course will prepare the student to understand and participate in the ever-increasing interactions among all nations and cultures of the world. The student will leave the class with basic knowledge of the five major religions of the world along with a strong philosophical understanding of other peoples and cultures. This knowledge is imperative in preparation for college and the international world that our students are inheriting.

AP History & Social Sciences Courses

*AP HUMAN GEOGRAPHY – 85905S1/S2

Year: 1.0 GGY credit
Grades: 10, 11, 12
Expenses: AP exam cost. Students may be required to purchase a textbook for this class.

AP Human Geography is a college prep course that provides students with an academic experience equivalent to a college level freshman course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Concepts to be explored will include: patterns of human settlement, especially urbanization, the economic uses of the earth, political organizations of space, patterns of language, religion, other cultural traits around the globe, and the dynamics of human populations growth and movement. It is the expectation of the Social Studies department that all students enrolled in an AP course will take the AP test in May and it is a major focus of the course content and instruction.

Skills: Students should know how to manage a workload. Students should commit to approximately 4-5 hours a week to homework, based on reading speed and comprehension levels. Students are also expected to participate in extra study sessions and practice exams, especially in the month prior to the AP exam in May. Students must participate in class discussions and activities, problem solve, demonstrate a strong work ethic, and be able to discuss, research and present information in both written and oral format. Students must have demonstrated success in previous social studies courses, should demonstrate an above average interest in geography, and have excellent writing skills.

*AP US GOVERNMENT – 85720S1/S2

Year: 1.0 GVT credit, weighted
Grades: 11, 12
Expenses: AP exam costs (may take one or both exams). Students are required to purchase a textbook for this class.

The *AP US Government and Politics class will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret US politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes.
**AP EUROPEAN HISTORY – 85500S1/S2**

**Year:** 1.0 WLD credit, weighted  
**Grades:** 11, 12  
**Expenses:** AP exam cost. Students may be required to purchase a textbook for this class.

Starting with the fall of Constantinople in 1453, this course traces the political, social, economic and intellectual developments of Europe through the twentieth century. With its heavy emphasis on writing and analyzing sources, students should be prepared to critically evaluate historical material. This course culminates with the AP exam in May. Students are expected to complete both semesters of study.

**AP US HISTORY – 85625S1/S2**

**Year:** 1.0 AMH credit, weighted  
**Grades:** 10, 11, 12  
**Expenses:** AP exam cost. Students may be required to purchase a textbook for this class.

This survey of American history is taught in chronological sequence and emphasizes social, political and economic themes tested on the AP American History Exam. College level writing and study skills will be emphasized.

**AP PSYCHOLOGY – 85760S1/S2**

**Year:** 1.0 SST credit, weighted  
**Grades:** 11, 12  
**Expenses:** AP exam cost. Students may be required to purchase a textbook for this class.

This course is an introduction to the systematic and scientific study of the behavioral and mental processes of human beings and animals. Students are exposed to psychological facts, principles and phenomena associated with each of the major subfields within psychology.

**IB Individual & Societies Courses**

**IB EUROPEAN HISTORY HL I – 85516S1/S2**

**Year:** 1.0 WLD credit, weighted  
**Grade:** 11  
**Expenses:** Cost of the IB exam

This course explores political, economic, social, and intellectual currents in the development of Europe from 1500-1960. Particular emphasis is given to the history of the Reformation, the French Revolution and World War I. Students completing the course will continue with the IB History of the 20th Century Europe their senior year. Students will have the option of taking the IB exam.

**IB PSYCHOLOGY SL/HL Year 1 – 85765S1/S2**

**Year:** 1.0 SST credit, weighted  
**Grades:** 11, 12  
**Expenses:** Cost of the IB exam

The goals of psychology are to describe, understand and predict individual human behavior. In this course students will be introduced to the history and application of psychology, bio-psychological processes, cognitive processes, experimental methods and sociocultural psychology. Students will also learn and demonstrate successful communication and group interaction skills.
**IB PHILOSOPHY SL/HL Year 1 – 50909S1/S2**

**Year:** 1.0 ELE credit, weighted  
**Grades:** 11, 12  
**Expenses:** Cost of the IB exam

This course will provide an overview of the development of philosophical ideas and awareness. It will focus in detail on Plato’s Republic and one other philosophical work. It will also explore a philosophical topic in depth. This course is writing and reading intensive. Non-IB students may take this course but they must take all of the assessments required by IB.

**IB 20th CENTURY EUROPE HL II – 85805S1/S2**

**Year:** 1.0 WLD credit, weighted  
**Grade:** 12  
**Prerequisite:** *IB European History  
**Expenses:** Cost of the IB exam

This course will examine selected 20th century topics within Europe and its former colonies. Emphasis will primarily focus on authoritarian/single-party states, The Cold War, and rights/protest movements.

**IB PSYCHOLOGY HL Year 2 – 85766S1/S2**

**Year:** 1.0 SST credit, weighted  
**Grades:** 12  
**Prerequisite:** Must have taken *IB Psychology SL  
**Expenses:** Cost of the IB exam

Psychology is the systematic study of behavior and mental processes. Psychology has its roots in both the natural and social sciences, leading to a variety of research designs and applications, and providing a unique approach to understanding modern society. IB psychology examines the interaction of biological, cognitive and socio-cultural influences on human behavior, thereby adopting an integrative approach. Understanding how psychological knowledge is generated, developed and applied enables students to achieve a greater understanding of themselves and appreciate the diversity of human behavior. The ethical concerns raised by the methodology and application of psychological research are key considerations in IB psychology.

**IB PHILOSOPHY HL Year 2 – 50910S1/S2**

**Year:** 1.0 ELE credit, weighted  
**Grade:** 12  
**Prerequisite:** Must have taken IB Philosophy SL  
**Expenses:** Cost of the IB exam

This course will provide an overview of the development of philosophical ideas and awareness. It will focus in detail on Plato’s Republic and one other philosophical work. It will also explore a philosophical topic in depth. This course is writing and reading intensive. Non-IB students may take this course but they must take all of the assessments required by IB.

**IB TOK I [THEORY OF KNOWLEDGE I] – 85885 (2nd Semester)**

**Semester:** 0.5 GVT credit, weighted  
**Grade:** 11  
**Prerequisite:** Accepted in the IB Program/or instructor approval

This course assists IB students in synthesizing the material to which they have been exposed. Different types of knowledge and learning will be discussed. This course is reading and writing intensive. *This course will only be offered as a "0" hour course.*
This course is a continuation of Theory of Knowledge I. This course assists IB students in synthesizing the material to which they have been exposed. This course is writing intensive. *This course will only be offered as a "0" hour course.*
PER BOARD OF EDUCATION POLICY, WHERE ADDITIONAL CHARGES ARE REQUIRED FOR TAKE-HOME PROJECTS IN VOCATIONAL CLASSES, THE COSTS WILL BE AS NOTED IN THE COURSE DESCRIPTION. THE EXPENSES WILL VARY WITH EACH STUDENT AND EACH PROJECT TO COVER INDIVIDUAL NEEDS.

These courses receive Practical Arts Elective credit.

**Flowcharts - Vocational**

**WOODWORKING I** → **WOODWORKING II**

*Students, grades 9-12, may take Woodworking I first semester and Woodworking II second semester as a combined 1.0 course for the year.*

**INTRO TO METALS** → **WELDING**

*Students, grades 9-12, may take Introduction to Metals first semester and Welding second semester as a combined 1.0 course for the year.*

**AUTO SYSTEMS I** → **AUTO SYSTEMS II**

*Students, grades 9-12, may take Auto Systems I first semester and Auto Systems II second semester as a combined 1.0 course for the year.*

**BASIC REPAIRS FOR HOME OR APARTMENT** → **BASIC ELECTRICITY**

Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.

**Vocational Courses**

**WOODWORKING I – 45400**

**Semester:** 0.5 PRA credit

**Grades:** 9, 10, 11, 12

**Expenses:** $40 + extra costs for student projects

This course is designed to teach students the basics of working with wood. Students will learn how to use hand tools and power machinery to produce a useful piece of furniture from hardwood lumber. Additional costs will be determined by the project.

*Safety Glasses are required by OSHA standards. The $40 Expenses will cover the cost of safety glasses, sand paper, dowels, screws, nails and finishes. Additional costs will depend on the amount of lumber and hardware needed to construct a woodworking project.*
**Optional Woodworking I & Woodworking II Class Combination:** Students, grades 9 – 12, may take Woodworking I first semester and Woodworking II second semester as a combined 1.0 course for the year.

**WOODWORKING II – 45410**

**Semester:** 0.5 PRA credit (can be repeated for credit)
**Grades:** 9, 10, 11, 12
**Prerequisite:** Woodworking I
**Expenses:** $40 + extra costs for student projects

Woodworking II examines the design, materials, and techniques used to make furniture. Students are required to design and build a useful piece of furniture from hardwood lumber. Additional costs will be determined by the project. This course may be repeated for credit.

**BASIC REPAIRS FOR HOME OR APT. - 45415**

**Semester:** 0.5 PRA credit
**Grades:** 9, 10, 11, 12
**Expenses:** $45 per semester

The Basic Repairs for Home or Apartment class will provide students with the opportunity to learn essential skills to perform maintenance and repair tasks in a personal dwelling. In addition to general safety, curriculum will include, but is not limited to the following non-code topics: pouring and finishing of a small concrete pad, framing and finishing walls, basic writing and electrical topics, mounting a toilet, changing a bath/kitchen fixture, sprinkler systems, changing door hardware, painting, installing roofing and fencing, and basic furniture repairs.

**BASIC ELECTRICITY – 45575**

**Semester:** 0.5 PRA credit
**Grades:** 9, 10, 11, 12
**Expenses:** $40 (+ extra costs for student projects)

This course introduces the care/usage of tools and materials used in residential electrical installations and the requirements of the National Electrical Code. Topics include NEC, electrical safety, electrical blueprint reading; planning, layout; installation of electrical distribution equipment; outlets, lighting, overcurrent protection; conductors, branch circuits and conduit. Upon completion, students should be able to properly install conduit, wiring, and electrical distribution equipment associated with residential electrical installations.

**INTRODUCTION TO METALS – 45650**

**Semester:** 0.5 PRA credit
**Grades:** 9, 10, 11, 12
**Expenses:** $30 + extra costs for student projects *

This course covers safety in a metal shop, how metal is formed, how metal is used in manufacturing and various methods of working with metal. Areas include safety, measurement and layout, sheet metal, oxy-acetylene welding, ARC welding, MIG welding, forging, grinding, cutting and finishing techniques. *Expenses will cover safety equipment, material for student coupon welding samples (which they can keep) and consumable materials.

**Optional Introduction to Metals & Welding Class Combination:** Students, grades 9 – 12, may take Introduction to Metals first semester and Welding second semester as a combined 1.0 course for the year.
### WELDING – 45675

**Semester:** 0.5 PRA credit (can be repeated for credit)  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Introduction to Metals  
**Expenses:** $25 + extra costs for student projects*

This course provides a more in-depth understanding of the areas covered in Introduction to Metals plus TIG welding. Students will also explore careers available in the metalworking and welding areas. Students earn credit through personal projects, crew work and mandatory coupon samples. *Expenses will cover safety equipment, material for student coupon welding samples (which they can keep) and consumable materials.

### AUTO SYSTEMS I – 45790

**Semester:** 0.5 PRA credit  
**Grades:** 9, 10, 11, 12  
**Expenses:** $40*

This course covers the responsible and safe ownership of a vehicle. Students will learn safety, the basic theory of vehicle system operation, identification and maintenance. The course emphasis is owner preventative maintenance to keep their vehicle in reliable, safe, operating condition. *Expenses will cover safety glasses, solvents, cleaning supplies and tool usage. Students will provide materials for maintenance performed on their own vehicle.

*Optional Auto Systems I & Auto Systems II Class Combination: Students, grades 9 – 12, may take Auto Systems I first semester and Auto Systems II second semester as a combined 1.0 course for the year.*

### AUTO SYSTEMS II – 45791

**Semester:** 0.5 PRA credit (can be repeated for credit)  
**Grades:** 9, 10, 11, 12  
**Prerequisite:** Auto Systems I, Driver’s License, and access to an automobile (preferably their own).  
**Expenses:** $40*

This course provides a more in-depth understanding of the proper care, diagnosis, repair and adjustments required by the automobiles numerous systems. The course emphasis is practical repair applications as well as the theory of operation and safety of the vehicle. *Expenses will cover safety glasses, solvents, cleaning supplies and tool usage. Students will provide materials for maintenance performed on their own vehicle.*
World Language levels III, IV or V may receive PRACTICAL ARTS or FINE ARTS credit. All levels I and II receive ELECTIVE credit.

We strongly encourage students to purchase a workbook and or study materials, along with a French/English or Spanish/English dictionary.

Students who have been enrolled in a Language B (Spanish or French) level 1 or 1B course two years in a row, including middle school, will not be permitted to register for a third time in level 1 or 1B. These students must pass and continue to level 2 or choose a different language. We encourage these students to seek guidance from their teacher early and often to ensure success. There may be exceptions determined on a case-by-case basis by the world language department chair.

National Collegiate Athletic Association approved courses

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**Flowcharts - World Languages**

**French Courses Flow Chart**

FRENCH I → FRENCH II → FRENCH III → FRENCH IV → IB FRENCH V → INTRO TO TRANSLATION & INTERPRETATION

Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.

**Spanish Courses Flow Chart**

SPANISH I → SPANISH II → SPANISH III

HONORS SPANISH II → HONORS SPANISH III → SPANISH IV → IB SPANISH V → INTRO TO TRANSLATION & INTERPRETATION

AP SPANISH

SPANISH IV

IB SPANISH V

AP SPANISH

Refer to course prerequisites, provided in the course descriptions below, for progression requirements to a specific course. Teachers may recommend modified course progressions on a case-by-case basis.

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French Courses

FRENCH I – 95400S1/S2

Year: 1.0 ELE credit
Grades: 9, 10, 11, 12

Students in Level I will learn the basic skills of speaking, listening, reading and writing as well as cultural information. Students will study present, future and past tense verb conjugations, vocabulary, gender of nouns, adjective use and sentence structure. These courses are designed to present students with the solid knowledge base necessary at intermediate and advanced language levels. This is a fast paced course that covers in one year the material presented in the IA course and the IB course.

FRENCH II – 95410S1/S2

Year: 1.0 ELE credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion of French I with a C or above, and/or teacher recommendation

Some of the finer grammatical points are learned at this level, making language use a little more sophisticated. The students continue learning to express past events and begin learning more complicated grammatical constructions. Vocabulary learning continues to be an important component of language learning. Practice of all grammatical structures and vocabulary continues through speaking, writing, reading, and listening.

FRENCH III – 95420S1/S2

Year: 1.0 PRA credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion of French II with a C or above, and/or teacher recommendation

In Level III, students continue to learn vocabulary and increasingly more complicated grammar and syntactic structures. They begin fine tuning their language by learning expressions, constructions, and different verb tenses and moods that are more complicated and are more native-like in quality. The student and teacher's use of the target language in the classroom increases greatly at this level of language learning. WL levels III, IV, V should be set up as PRA or FNA, with the allowable option for students to also take that for ELE credit if desired.

Spanish Courses

SPANISH I – 95600S1/S2

Year: 1.0 ELE credit
Grades: 9, 10, 11, 12
Expenses: Cost of materials

Students in Level I of Spanish will learn the basic skills of speaking, listening, reading, and writing. Additionally, they will discover important cultural information about the peoples studied. Students will be able to hold basic conversation in structured settings and will begin to understand the importance and advantages of learning a foreign language. These courses are designed to present students with the solid knowledge base necessary at intermediate and advanced language levels, through interactive activities and instruction.

SPANISH 1B – 95605S1/S2

Year: 1.0 ELE credit
Grades: 9, 10, 11, 12
Prerequisite: Placement by teacher recommendation only

Expenses: Cost of materials

In Level 1B, students will continue to learn the grammatical structures, which will allow them to communicate on a simple level in the foreign language. The students will begin to use the past tense to talk and write about events that have already happened. The study of vocabulary continues to be of utmost importance through all levels of language study. Students will practice all skills through speaking, reading, writing, and listening.

SPANISH II – 95610S1/S2

Year: 1.0 ELE credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion of Spanish I or 1B with a C or above, and/or teacher recommendation
Expenses: Cost of materials

After successful completion of Level 1B or I, the student is ready for Level II. Some of the finer grammatical points are learned at this level, making language use a little more sophisticated. The students continue learning to express past events and begin learning more complicated grammatical constructions. Vocabulary learning continues to be an important component of language learning. Practice of all grammatical structures and vocabulary continues through speaking, writing, reading, and listening.

HONORS SPANISH II – 95720S1/S2

Year: 1.0 ELE credit
Grades: 9, 10, 11
Prerequisite: Successful completion of Spanish I with a B or above, and/or teacher recommendation
Expenses: Cost of materials

This Level II course is a fast paced language course designed for students who wish to reach the upper levels of foreign language study in high school (Levels 4, 5, and AP), or continue language study in college to enhance their career choice. Students will complete the Level II text and be able to communicate/comprehend advanced themes utilizing critical thinking skills. Students will be able to speak for three minutes with or without prompting and write a 200-225 word composition.

SPANISH III – 95620S1/S2

Year: 1.0 PRA credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion of Spanish II with a C or above, and/or teacher recommendation
Expenses: Cost of materials

In Level III students continue to learn vocabulary and increasingly more complicated grammar and syntactic structures. They begin fine tuning their language by learning expressions, constructions, and different verb tenses and moods that are more complicated and are more native-like in quality. The student and teacher's use of the target language in the classroom increases greatly at this level of language learning. WL levels III, IV, V should be set up as PRA or FNA, with the allowable option for students to also take that for ELE credit if desired.

HONORS SPANISH III – 95725S1/S2

Year: 1.0 PRA credit
Grades: 9, 10, 11, 12
Prerequisite: Successful completion of Honors Spanish II or Spanish II with a B or above, and/or teacher recommendation
Expenses: Cost of materials

*Students who are interested in the IB diploma programme, IB certificate, or AP Spanish Language should take this class with teacher recommendation.

Expenses: Cost of materials
Spanish III Honors is a fast paced course for students who are willing to accept the challenge of using the Spanish language in class to discuss activities, readings, news programs, movies and projects. It is designed for students who wish to reach the upper levels of foreign language study in high school (Levels IV, V and AP) or continuing language study in college to enhance their career.

**SPANISH IV – 95631S1/S2**

**Year:** 1.0 PRA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** Successful completion of Spanish III or Honors Spanish III with a C or above, and/or teacher recommendation  
**Expenses:** Cost of materials

Level IV classes are conducted entirely in the target language. The students work on improving their fluency speaking, reading, writing and listening to the language they are learning. Vocabulary study continues as does practice and review of the grammatical structures already learned. Classroom discussions are conducted on topics of interest to the students. The reading is from works of native authors.

**AP World Language & Culture**

*AP SPANISH LANGUAGE/CULTURE – 95640S1/S2*  

**Year:** 1.0 PRA credit, weighted  
**Grade:** 11, 12  
**Prerequisite:** Successful completion of Spanish IV with an A or B, and/or teacher recommendation  
**Expenses:** AP exam

Advanced Placement foreign language classes offer the students a weighted credit. Students continue building their fluency in the language through oral, written, listening and reading practice. These classes are conducted entirely in the language with both students and teachers communicating only in the target language. Students in Level 5 classes prepare to take the Language Advanced Placement tests, which are given in May. The AP test must be taken in order to receive the AP designation on the transcript. Students are committed to AP classes for the entire school year and cannot change classes at semester.

**IB Language Acquisition**

**IB FRENCH IV – 95433S1/S2**

**Year:** 1.0 PRA credit  
**Grades:** 11, 12  
**Prerequisite:** Successful completion of French III with a C or above, and/or teacher recommendation

This class requires students to actively participate through speaking and writing to increase their proficiency. They will also increase their knowledge of French culture and social manners to be able to interact with French speakers in an appropriate way. Students will also be introduced to pieces of French literature and write compositions of 250+ words.

**IB V LANGUAGE COURSES**

50% of the IB Test will be completed by the end of March  
- **Internal speaking assessments**  
- **Written assessments**  
*Paper 1 and Paper 2 (50%) take place in May*
**IB FRENCH V – 95441S1/S2**

**Year:** 1.0 PRA credit, weighted  
**Grade:** 12  
**Expenses:** Cost of IB exam  
**Prerequisite:** Successful completion of IB French IV with an A or B, and/or teacher recommendation

This course is formulated to meet the demands of the final test for International Baccalaureate and will be conducted exclusively in French. Students will continue to write essays (250+ words) and improve their speaking ability by participating in discussions and reading a variety of literature.

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**IB SPANISH V – 95662S1/S2**

**Year:** 1.0 PRA credit, weighted  
**Grade:** 11, 12  
**Prerequisite:** Successful completion of Spanish IV with an A or B, and/or teacher recommendation  
**Expenses:** Cost of IB exam

This course is formulated to meet the demands of the final test for International Baccalaureate and will be conducted exclusively in Spanish. Students will continue to write in different formats (400+ words) and improve their speaking ability by participating in discussions and reading a variety of literature and other readings.

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**Translation & Interpretation**

**INTRO TO TRANSLATION & INTERP – 95666**

**Year:** .05 PRA credit  
**Grades:** 10, 11, 12  
**Prerequisite:** World Language level V or AP with teacher recommendation and/or ELL proficiency level of at least 4.0 overall and 4.0 in literacy on either the ACCESS for ELLs 2.0 assessment or the WIDA Screener  
**Expenses:** Cost of materials

Introduction to Translation and Interpretation will develop the knowledge, practical and linguistic skills used in professional translation and interpretation. Bilingual students will develop language skills in English and their native tongue, acquire a breadth of academic and professional vocabulary, and train their minds for the demands of an interpreter. Students will learn and practice related professional behaviors, from eye contact and positioning to research and task preparation. By the end of the course, students will be able to accurately interpret and translate basic communications. Students will also have a keen understanding of the roles of interpreters and translators as well as methods to continue developing their skills independently.
ELD PROGRAM

The DCHS community encompasses a diverse population; therefore, a program has been designed to increase English Academic language proficiency and assist students from homes where a language other than English is spoken. DCHS strives to create a learning environment that encourages assimilation into another language and culture while maintaining respect for – and pride in – their cultural and linguistic heritage. This program delivers comprehensive instruction so that students can attain the goals and outcomes aligned with DCHS’ aims and objectives. The program also aims to provide many opportunities to reach high expectations, equal access to quality education, and new motivating challenges to inspire excellence and total accountability.

Placement into the following courses is by Signature of the ELD- English Language Development teachers only.

ELD Support Courses

**ESL/ENGLISH CREDIT – 40600S1/S2**
[ELD ENGLISH]
*Course Title Changing 21-22*
*Year: 1.0 ENG credit*
*Grades: 9, 10, 11, 12*
*Prerequisite: Teacher approval is required*

ELD/English Credit focuses on enhancing content and language to support students in developing their proficiency in English. This course is designed primarily for students who are in the entering (Level 1), emerging (Level 2), and developing (Level 3) WIDA proficiency levels. Through developmentally appropriate literary texts and highly scaffolded instruction of reading and writing, intensive practice of oral language, this course will address WIDA standards, Career-readiness standards, and MYP while simultaneously developing oral and aural language skills. Students enrolled in this course receive English credit.

**RESOURCE – 20030S1 and/or 20030S2**
*Semester: 0.5 ELE credit or 1.0 ELE credit*
*Grades: 9, 10, 11, 12*
*Prerequisite: Teacher approval is required*

This course provides additional time and support for students in the English Academic Language Program to meet the daily requirements of their content and elective classes. Students are expected to work on assignments and projects and consistently improve their grades. They will develop self-advocacy, self-awareness, self-management, and self-monitoring skills through individualized academic support. IB Traits are also taught and reinforced to prepare students for how to be essential members of the community. This course can be repeated as often as needed for credit.

**ESL/ELECTIVE – 40604S1/S2**
[ELD ELECTIVE]
*Course Title Changing 21-22*
*Semester: 0.5 ELE credit or 1.0 ELE credit*
*Grades: 9, 10, 11, 12*
*Prerequisite: Teacher approval is required*
This course is a multilevel class for students in the Developing (level 3) WIDA proficiency level and higher. The focus is largely driven by the academic English needs and academic and cultural concerns of students, so they can have the opportunity to work on a needed content area that will help develop academic readiness related to science, history, economics, social sciences, and more. Challenging and interactive exercises provide students with strategies for enhancing the four language domains such as listening, speaking, reading, and writing when recounting, explaining, and arguing, as well as using the oral language when discussing.

The goal of the ACADEMIC ENGLISH LANGUAGE PROGRAM is to facilitate the student’s academic English, literacy, writing and oral language development through direct instruction, collaboration with content teachers and students, peer coaching, and communication with parents. Each student active in the program has an English Language Development Plan (ELDP) that outlines the goals, accessibility, accommodations and achievements throughout the year.
The Special Program courses offered at Douglas County High School provide the student with the opportunity to choose from a diverse group of additional elective credits.

**Work-Based Learning**

**WORK EXPERIENCE – CTE 49827S1/S2**

**Year:** 1.0 ELE credit  
**Grade:** 11, 12  
**Prerequisite:** Concurrently enrolled in a CTE course, Counselor & Teacher Approval

Students work on the job in a business related area and receive credit plus pay from employers. Students must provide their own transportation, have proper insurance forms, and work a minimum number of hours per semester. Students must successfully complete classroom requirements in order to receive credit for work experience hours. See your school counselor for additional information or how to start the enrollment process.

**PROFESSIONAL INTERNSHIP - 55577**

**Semester:** 0.5 ELE credit  
**Grade:** 11, 12  
**Prerequisite:** Successful completion of 2 CTE courses in the same career pathway, Counselor & Teacher Approval

This semester elective is designed to extend our student’s learning beyond the classroom, to explore a career of interest prior to leaving high school and entering a post-secondary career path. Students have the opportunity to learn from and network with professionals in the field. Students design their experience in collaboration with their CTE teacher and our district coordinator. See your school counselor for additional information or how to start the enrollment process.

**Academic Programs**

**PERSONAL PROJECT – 40435**

**Year:** 0.25 ELE credit  
**Grade:** 10

“The personal project is a significant student-directed inquiry produced over an extended period, completed during year 5 of the MYP (sophomore year). It holds an important place in the MYP and reflects the student’s experience of the program. It provides an excellent opportunity for students to produce a truly personal and creative work of their choice and to demonstrate the skills they have developed through approaches to learning. It offers students many opportunities for differentiation of learning and expression according to their individual needs.

The aims of the MYP personal project are to allow students to: 1) engage in personal inquiry on issues that are relevant to themselves, through an area of interaction as a context for learning, 2) demonstrate the skills, attitudes and knowledge required to complete a project over an extended period of time, 3) reflect on their learning and knowledge (on their own and with others), 4) move towards thoughtful and positive action, 5) develop confidence as lifelong learners.” (quoted from the International Baccalaureate Personal Project Subject Guide). All sophomore students at DCHS are expected to complete the Personal Project as learners in the MYP.

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PRE-ALGEBRA – 60375

**Semester:** 0.5 MAT credit (two semesters are required)

**Grades:** 9

**Prerequisite:** Teacher approval is required

**Expenses:** TI-83 or TI-84 calculator required

This course prepares students to take Algebra I, Part 1. Solid foundations of math skills commensurate with high school checkpoints of DC Math Standards 1, 2, and 6: Topics covered include integers, graphing in the coordinate plane, order of operations, distributing, probability, statistics, fractions, decimals, scientific notation, ratios and proportions, etc.

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ALGEBRA 1 PART 1 – 60380S1/S2 (Year 1)

ALGEBRA 1 PART 2 – 60385S1/S2 (Year 2)

**Year:** 1.0 MAT credits per year (*Counts toward 1 credit for NCAA and CCHE purposes)

**Grades:** 9, 10

**Prerequisite:** Special Program - teacher approval required

**Expenses:** TI-83 or TI-84 calculator required

This course requires a two-year commitment from the student. Completion of both Algebra I Part 1 and Algebra I Part 2 will count as one credit for CCHE and NCAA requirements. In this year-long course, students study the first half of Algebra I and are expected to complete the course by taking Algebra I Part II the following year. Students review basic computational skills and begin working with variables to simplify algebraic expressions and solve first degree equations. Students study real numbers, polynomials, and graphing. Organizational and study skills are emphasized.

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READING/Writing STRATEGIES – 40576S1/S2

**Year:** 1.0 ELE credit only

**Grades:** 9, 10, 11, 12

**Prerequisite:** Non-proficiency in standards and/or low reading/writing skills; teacher recommendation

This two-semester course is required for students who have not shown reading proficiency through state-mandated testing or through other measures. It is designed to increase students’ abilities to read and comprehend increasingly difficult material. Through specific instruction based on individual needs, students will be taught reading strategies to increase comprehension and motivation. Students will use writing as a tool to communicate responses and reactions to reading. Though at times whole group instruction will be necessary, the primary focus of the class is differentiated, individualized instruction determined by on-going assessment of student’s needs. Students who have not demonstrated reading proficiency will be enrolled in Reading/Writing Strategies for two semesters, although students who show proficiency at the end of one semester will be able to exit the class at that time. The class will be open to additional enrollment only when space is available after all required students have been enrolled.

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**Leadership Programs**

STUDENT GOVERNMENT – 35450S1/S2

**Year:** 1.0 ELE credit

**Grades:** 10, 11, 12

**Prerequisite:** Instructor approval upon an application process

**Expenses:** $25 for text and notebook

Students will explore concepts of leadership and develop leadership techniques through school activities which promote school spirit and community service. Homecoming activities, dances, recognition assemblies and charity events comprise the bulk of the projects during the year. Teamwork and leadership skills are an integral part of the class. Students must be prepared to attend conferences and workshops (off campus) to continue developing their leadership skills. Students are expected to participate in after school and weekend activities. Approximately 7-10 students per grade level will be selected for this course.

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Peer, Assistant, and Aide Programs

**Peer Counseling Class Combination:** Students will take Peer Counseling I 1st semester of their Junior year and Peer Counseling Internship 2nd semester of their Junior year & 1st semester of their Senior year. Peer Counseling is a 1.5 year program.

**PEER COUNSELING I – 35400S1 (1st Semester Junior Year)**
- **Semester:** 0.5 ELE credit
- **Grade:** 11
- **Prerequisite:** Application & Counselor Approval

**PEER COUNSELING INTERNSHIP - 55750 (2nd Semester Junior Year & 1st Semester Senior Year)**
- **Semester:** 0.5 ELE credit
- **Grade:** 11, 12
- **Prerequisite:** Peer Counseling I

Peer Counseling at DCHS is designed to provide an additional source of support for our students. Services provided by peer counselors include assisting in the counseling office, academic guidance for students, as well as supervised personal and social support for students. The peer counselors will be under the guidance of the Counseling Department.

The peer counselors will be selected through an application process in the spring. Once selected, students will be enrolled in the Peer Counseling training class in the Fall semester. For the Spring semester of your junior year and the Fall semester of your senior year (Peer Counseling Intern class), you will be assigned a period to be a peer counselor splitting the class time between the counseling office and the new Oasis program.

**EDUCATIONAL FIELD EXPERIENCE – 49750 [Fall] or 49751 [Spring]**
- **Semester:** 0.5 ELE credit
- **Grades:** 11, 12
- **Prerequisite:** Application & teacher interview

This class is designed for juniors and seniors who are interested in assisting students with moderate or significant disabilities in the regular classroom. EFE students will serve as peer tutors and/or teacher assistants for selected elective and academic classes. EFE candidates should have a positive attitude toward school and a desire to work with a wide variety of students with learning and emotional needs. Community Service opportunities may develop. Please obtain application in Room 17.

**STUDENT AIDS for TEACHERs (48885 or 48886) or the OFFICE (48855 or 48856):**
- The student receives 0.25 credit per aide position per semester and cannot accumulate more than 1 credit of aiding in grades 11-12, towards graduation.
- Student aides will receive a "P" for passing or an "F" for unsatisfactory work on the report card. The grade is not figured in the student's grade-point average.
**AIDE/TEACHER – 48885 [Fall] or 48886 [Spring]**

**Semester:** 0.25 ELE credit  
**Grades:** 11, 12  
**Prerequisite:** Teacher approval; must complete form

Students will assist with routine tasks in the classroom. You may get the required form from the teacher for whom you wish to aide, or from your counselor.

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**AIDE/OFFICE – 48855 [Fall] or 48856 [Spring]**

**Semester:** 0.25 ELE credit  
**Grades:** 11, 12  
**Prerequisite:** Office staff approval; must complete form

Students will assist with routine tasks in the main office, south office, athletic office, or counseling office. You may get the required form from the office at which you wish to aide, or from your counselor.