Most Common Freshmen Courses
(you must enroll in a minimum of 8 courses)
(TSA and Student Govt are offered before and after school)

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Semester</th>
<th>2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>English:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Placement test may be required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies:</td>
<td></td>
<td></td>
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<tr>
<td>World Language:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STEM Elective(s):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education Elective(s):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Art Elective(s):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Elective(s):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Study Hall:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Check course catalog for class duration (semester or year)**

English: ____________________________
4.0 credits required to graduate

Math: ____________________________
Placement test may be required
4.0 credits required to graduate

Science: __________________________
3.0 credits required to graduate

Social Studies: ______________________
3.5 credits required to graduate & Govt is required

World Language: ______________________
2.0 credits required to graduate

STEM Elective(s): see options on electives page
3.0 credits required to graduate

Physical Education Elective(s): see options on electives page
1.0 credits required to graduate

Fine Art Elective(s): see options on electives page
1.0 credits required to graduate

General Elective(s): see options on electives page
2.5 credits required to graduate

Study Hall: offered both semesters - required for freshman

* Honors / AP / CE courses require instructor permission - instructor must initial your course request

* CE courses require a parent signature - Please see last page

CORE COURSES: OPTIONS and COURSE REGISTRATION CODE

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>MATHEMATICS</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>English I</td>
<td>Algebra I</td>
<td>Biology</td>
<td>Geography (one semester)</td>
</tr>
<tr>
<td>STEMHS019S1/S2</td>
<td>STEMHS029S1/S2</td>
<td>STEMHS039S1/S2</td>
<td>STEMHS0412</td>
</tr>
<tr>
<td>English Comp I &amp; II</td>
<td>Geometry</td>
<td>AP Biology</td>
<td>US Government (one semester)</td>
</tr>
<tr>
<td>CE ENG 121 &amp; CE ENG 122</td>
<td>STEMHS0210S1/S2</td>
<td>STEMHS0317S1/S2</td>
<td>STEMHS049</td>
</tr>
<tr>
<td>&amp; STEMHS0116</td>
<td>Algebra II</td>
<td>AP Human Geography</td>
<td>AP Government and Politics</td>
</tr>
<tr>
<td>STEMHS0117</td>
<td>Trig/PreCalculus</td>
<td>STEMHS0420S1/S2</td>
<td>STEMHS0421S1/S2</td>
</tr>
</tbody>
</table>

CORE COURSES: WORLD LANGUAGE OPTIONS and COURSE REGISTRATION CODE

<table>
<thead>
<tr>
<th>SPANISH</th>
<th>FRENCH</th>
<th>CHINESE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish I</td>
<td>STEMHS069SS1/S2</td>
<td>French I</td>
</tr>
<tr>
<td>Spanish II</td>
<td>STEMHS0610SS1/S2</td>
<td>French II</td>
</tr>
</tbody>
</table>
ELECTIVE OPTIONS FOR FRESHMEN

(Place first choices on selection sheet, then circle five more that you are interested in - electives are scheduled after core classes)

* = Required for PTECH program

### STEM ELECTIVES
- Manufacturing: STEMHS2115
- Adv Manufacturing: STEMHS2116
- CAD: STEMHS2111
- CE CAD 255: STEMHS2125
- Solidworks
- CE CAD 262: STEMHS2126
- 3D Print Manufacturing
- Transportation Technology: STEMHS2114
- TSA: STEM2118
- CE AEC 110: STEMHS2120
- Architectural Design & Modeling
- CE AEC 206: STEMHS2119
- Applied Structural Analysis
- CE ELT 106: STEMHS2121
- Fundamentals of DC/AC*
- CE EIC 102: STEMHS2133
- Electrical Print Reading*
- CE ELT 254: STEMHS2129
- Industrial Wiring*
- CE ELT 252: STEMHS2128
- Motors and Controls*
- CE ELT 255: STEMHS2130
- Fluid Power*
- CE ELT 267: STEMHS2132
- Introduction to Robotics*
- CE ELT 258: STEMHS2131
- Programmable Logic Controllers*
- Digital Electronics: STEMHS2113
- Robotics I: STEMHS219
- Robotics II: STEMHS2110
- Intro to Programming: STEMHS109
- Database Design, Query & Load: STEMHS1024
- Game Design I: STEMHS1017
- Game Design II: STEMHS1018

### MATH/SCIENCE ELECTIVES

#### Cryptography
- STEMHS0213S1/S2

#### Intro to Discrete Math
- STEMHS0228

#### AP Environmental
- STEMHS0322S1/S2

### FINE ART ELECTIVES

#### Ceramics I
- STEMHS0512

#### Ceramics II
- STEMHS0513

#### Digital Photography I
- STEMHS0514

#### Digital Photography II
- STEMHS0515

#### Video Production I
- STEMHS0517

#### Video Production II
- STEMHS0518

#### Draw/Paint I
- STEMHS0509

#### Drawing II
- STEMHS0510

#### Painting II
- STEMHS0511

#### Graphic Design I
- STEMHS0537

#### Graphic Design II
- STEMHS0538

#### Concept Art
- STEMHS0516

#### 3D Modeling:Asset Design
- STEMHS0546

#### Music Fundamentals
- STEMHS0532

#### HS Choir
- STEMHS0526

#### Beginner Guitar
- STEMHS0527S1/S2

#### Beginner Band
- STEMHS0543S1/S2

#### Beginner Orchestra
- STEMHS0542S1/S2

#### Intermediate Concert Ensemble
- STEMHS0544S1/S2

#### Advanced Symphonic Ensemble
- STEMHS0545S1/S2

#### Music Production
- STEMHS0531S1/S2

### FINE ART ELECTIVES, cont.

#### HS Theater I
- STEMHS0123

#### HS Theater II
- STEMHS0125

#### General Electives

#### Principles of Finance
- STEMHS1211

#### Intro to Business

#### CE BUS 115
- STEMHS128

#### Principles of Marketing
- STEMHS1212

#### CE MAR 216
- STEMHS1213

#### Introduction to Entrepreneurship

#### Intro to Scrum, Agile & PM
- STEMHS1210S1/S2

#### Introduction to Creative Writing
- STEMHS0127

#### Journalism
- STEMHS0129S1/S2

#### Student Government
- STEMHS223S1/S2

#### Yearbook
- STEMHS0113S1/S2

### PHYSICAL EDUCATION ELECTIVES

#### Weight Training
- STEMHS0812

#### Crossfit
- STEMHS0811

#### Healthy Decisions
- STEMHS0810

#### PE
- STEMHS089

### AP Computer Science Principles
- STEMHS1015S1/S2

### AP Computer Science A
- STEMHS0114S1/S2

CE-CNG 121: STEMHS1010
Computer Technician I A+
CE-CNG 122: STEMHS1011
STEM School Highlands Ranch Concurrent Enrollment Policy

Concurrent Enrollment (CE) allows high school students (9th-12th grade) to enroll in college-level, guarantee transfer (within the Colorado public university system) courses while still in high school. STEM School Highlands Ranch will pay the tuition portion of that college education. Families must reimburse the school for any course not successfully completed (grade of “F”, “I”, or “W”). To qualify for the Concurrent Enrollment Program, students must:

1. Be in 9th, 10th, 11th, or 12th grade
2. Be a student of good standing in previous course work and show a history of strong standardized test scores. This may include a GPA of 3.0 for the previous 2 semesters.
3. Have a social maturity to excel in a college environment
4. Receive a minimum score on the ACT, SAT, or Accuplacer as needed
5. Complete all portions of the CE application and submit the completed application to the Concurrent Enrollment Counselor by the published deadlines
6. Meet with the Concurrent Enrollment Counselor once each year to review eligibility for CE
7. Be enrolled in a college-level, guaranteed transfer courses
8. Be enrolled in the College Opportunity Fund

Good Standing
Student has at least a cumulative GPA of 2.0 (college GPA), has completed (passed) at least 67% of attempted credits and has not exceeded 150% of the program’s total credits.

Failure to maintain “good standing” at the institute of higher learning may make a student ineligible for financial aid until the student repairs his or her academic status.

Credit Equivalency
Students completing college-level concurrent enrollment college level courses with a grade of C- or higher will be awarded credit equivalency as follows.

<table>
<thead>
<tr>
<th>1 semester credit</th>
<th>.5 year high school credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3 semester credits</td>
<td>1 year high school credit</td>
</tr>
<tr>
<td>4 semester credits</td>
<td>1.5 years high school credit</td>
</tr>
<tr>
<td>5 semester credits</td>
<td>2 years high school credit</td>
</tr>
</tbody>
</table>

*Parent Signature Required

I understand the policy and guidelines of CE enrollment

Parent/Guardian Signature ___________________________ Date __________________