

Student Name _____

Date _____

Most Common Sophomore Courses (you must enroll in a minimum of 8 courses) (TSA and Student Govt are offered before and after school)	My Selection (Course CODE)	My Selection (Course CODE)	Do I meet the prerequisite?
Check course catalog for class duration (semester or year)	1st Semester	2nd Semester	
English: _____ 4.0 credits required to graduate			
Math: _____ 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: _____ (sign up for level II or III based on your last class taken) 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 - <i>optional</i>			
OFF CAMPUS STUDENTS (requires approval of CE Advisor)	FT / PT	FT / PT	

* **CE courses require a parent signature - Please see last page****CORE COURSES: OPTIONS and COURSE REGISTRATION CODE**

<u>ENGLISH</u>	<u>MATHEMATICS</u>	<u>SCIENCE</u>	<u>SOCIAL STUDIES</u>
<i>World Literature</i> STEMHS0110S1/S2	<i>Geometry</i> STEMHS0210S1/S2	<i>Chemistry</i> STEMHS0310S1/S2	<i>World History</i> STEMHS0410S1/S2
<i>American Literature</i> STEMHS0111S1/S2	<i>Algebra II</i> STEMHS0211S1/S2	<i>AP Chemistry</i> STEMHS0318S1/S2	<i>AP World History</i> STEMHS0423S1/S2
<i>CE LIT 115 & CE LIT 202</i> STEMHS0118 & STEMHS0119	<i>Trig/PreCalc</i> STEMHS0212S1/S2	<i>AP Biology</i> STEMHS0317S1/S2	<i>Geography (one semester)</i> STEMHS0412
<i>English Comp I & II</i> CE ENG 121 & CE ENG 122 STEMHS0116 & STEMHS0117	<i>AP Calculus AB</i> STEMHS0216S1/S2		<i>AP Human Geography</i> STEMHS0420S1/S2
<i>Technical Writing</i> CE ENG 131 STEMHS0130	<i>AP Calculus BC</i> STEMHS0217S1/S2		<i>Government(one semester)</i> STEMHS049
			<i>AP Government & Politics</i> STEMHS0421S1/S2

ELECTIVE OPTIONS FOR SOPHOMORES

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

Italicized = Year Long Elective - register for Semester 1 (S1) and Semester 2 (S2)

* = Required for PTECH program

<p><u>STEM ELECTIVES</u></p> <p>Manufacturing STEMHS2115 Adv Manufacturing STEMHS2116</p> <p>CAD STEMHS2111 CE CAD 255 STEMHS2125 Solidworks</p> <p>CE CAD 262 STEMHS2126 Mech & 3D Print Manufacturing</p> <p>CE AEC 110 STEMHS2120 Architectural Design & Modeling CE AEC 206 STEMHS2119 Applied Structural Analysis</p> <p><i>TSA</i> STEMHS2118</p> <p>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* CE CIS 240 STEMHS1029 Database Design and Development CE CIS 243* STEMHS1030 Introduction to SQL</p> <p>Digital Electronics STEMHS2113 Robotics I STEMHS219 Robotics II STEMHS2110 Intro to Programming STEMHS109 Game Design I STEMHS1017 Game Design II STEMHS1018 <i>Gaming Studio STEMHS1025S1/S2</i></p> <p><i>AP Computer Science Principles STEMHS1015S1/S2</i></p> <p><i>AP Computer Science A STEMHS1014S1/S2</i></p> <p>CE-CNG 121* STEMHS1010 Computer Technician I A+ CE-CNG 122 STEMHS1011 Computer Technician II A+ CE-CNG 124* STEMHS1012 Networking I: Network+ CE-CNG 125* STEMHS1013 Networking II: Network +</p>	<p><u>STEM ELECTIVES, cont.</u></p> <p>Data Structures and Algorithms STEMHS1026 Artificial Intelligence and Machine Learning STEMHS1027</p> <p><u>MATH/SCIENCE ELECTIVES</u></p> <p><i>Statistics</i> STEMHS0215S1/S2 Financial Literacy STEMHS0214 <i>Cryptography</i> STEMHS0213S1/S2 Astronomy STEMHS0313 <i>Research Lab & Methodology</i> STEMHS0315S1/S2 <i>Human Anat & Physiology</i> STEMHS0312S1/S2 <i>Zoology</i> STEMHS0316S1/S2 <i>AP Environmental</i> STEMHS0322S1/S2</p> <p><u>SOCIAL STUDIES ELECTIVES</u></p> <p>Psychology STEMHS0422 Economics STEMHS0413 US Foreign Policy STEMHS0246 <i>AP Psychology</i> STEMHS0429S1/S2 <i>AP Microeconomics</i> STEMHS0427S1/S2 <i>AP Macroeconomics</i> STEMHS0428S1/S2</p> <p><u>FINE ART ELECTIVES</u></p> <p>Ceramics I STEMHS0512 Ceramics II STEMHS0513 Ceramics III STEMHS0535</p> <p>Digital Photography I STEMHS0514 Digital Photography II STEMHS0515</p> <p>Video Production I STEMHS0517 Video Production II STEMHS0518 Video Production III STEMHS0536</p> <p>Draw/Paint I STEMHS059 Draw/Paint II STEMHS0510 Graphic Design I STEMHS0537 Graphic Design II STEMHS0538</p> <p>Concept Art STEMHS0516 3D Modeling:Asset Design STEMHS0546 Art III STEMHS0519 <i>Gaming Studio STEMHS1025S1/S2</i></p> <p><i>AP Studio Art: Drawing STEMHS0521S1/S2</i> <i>AP Studio Art: 2D Design: Photography STEMHS0539S1/S2</i> <i>Painting STEMHS0522S1/S2</i> <i>AP Studio Art: 3D Design: Ceramics STEMHS0523S1/S2</i> <i>AP Art History STEMHS0534S1/S2</i></p> <p>Music Fundamentals STEMHS0532 HS Choir STEMHS0526</p>	<p><u>FINE ART ELECTIVES, cont.</u></p> <p>Music Production STEMHS0531S1/S2</p> <p>HS Theater I STEMHS0123 HS Theater II STEMHS0125 Theater Performance STEMHS0126</p> <p><u>GENERAL ELECTIVES</u></p> <p>Principles of Finance STEMHS1211 CE-BUS 115 STEMHS128 Intro to Business</p> <p>CE MAR 216 STEMHS1212 Principles of Marketing</p> <p>CE ENP 105 STEMHS1213 Intro to Entrepreneurship</p> <p><i>Intro to Scrum, Agile & PM STEMHS1210S1/S2</i></p> <p>Introduction to Creative Writing STEMHS0127 <i>Student Govt STEMHS223S1/S2</i> <i>Yearbook STEMHS0113S1/S2</i> <i>Sources of Strength STEMHS22107</i> Study Hall STEMHS221</p> <p><u>PHYSICAL EDUCATION ELECTIVES</u></p> <p>Weight Training STEMHS08121 Healthy Decisions STEMHS0810 PE STEMHS089</p> <p><u>WORLD LANGUAGE</u></p> <p><i>Spanish I STEMHS069SS1/S2</i> <i>Spanish II STEMHS0610SS1/S2</i> <i>Spanish III STEMHS0611SS1/S2</i> <i>Spanish IV STEMHS0612SS1/S2</i></p> <p><i>French I STEMHS069FS1/S2</i> <i>French II STEMHS0610FS1/S2</i> <i>French III STEMHS0611FS1/S2</i> <i>French IV STEMHS0612FS1/S2</i></p> <p><i>Chinese I STEMHS069CS1/S2</i> <i>Chinese II STEMHS0610CS1/S2</i> <i>Chinese III STEMHS0611CS1/S2</i> <i>Chinese IV STEMHS0612CS1/S2</i></p> <p><i>American Sign Language I STEMHS069AS1/S2</i></p>
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Database Design, Query & Load STEMHS1024	<i>Beginner Band</i> STEMHS0543S1/S2 <i>Intermediate Concert Ensemble</i> STEMHS0544S1/S2	
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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.

1 semester credit	.5 year high school credit
2-3 semester credits	1 year high school credit
4 semester credits	1.5 years high school credit
5 semester credits	2 years high school credit

***Parent Signature Required**

I understand the policy and guidelines of CE enrollment

Parent/Guardian Signature _____

Date _____