

Last Name: _____	<b>Engineering and Design - Programs of Study: 21<sup>st</sup> Century</b>
First Name: _____	<b>Manufacturing, Architecture and Construction, Computer Aided Design</b>
ID Number: _____	<b>2020-2021 Course Registration</b>
<b>Grade Level 2020-2021:    10       11       12</b>	
<b>Visit <a href="http://www.phscounseling.org/registration">http://www.phscounseling.org/registration</a> for detailed Course Information and requirements</b>	

	COUNSELOR <small>(Circle One)</small>	FLORES	KIEL	LENOX	MILTENBERG	PICCOLO	PONCELOW	SCHELLY	WILDER	
CORE CLASSES	<b>Graduation Requirements (240)</b>	10 <sup>TH</sup> GRADE			11 <sup>TH</sup> GRADE			12 <sup>TH</sup> GRADE		
	<b>Social Studies / Humanities (30)</b>  Social Studies (10) US History (10) Government (5) Humanities (5)	<input type="checkbox"/> MYP World History / Geography 2 (10) <input type="checkbox"/> AP Human Geography (10)			<input type="checkbox"/> US History (10) <input type="checkbox"/> CE US History (10) <input type="checkbox"/> AP US History (10)			<input type="checkbox"/> American Government (5) <input type="checkbox"/> AP US Government (5) <input type="checkbox"/> Film Studies: Intro to Film Analysis (5) <input type="checkbox"/> CE History of Rock and Pop (5) <input type="checkbox"/> American Humanities (5) <input type="checkbox"/> Classical Humanities (5) <input type="checkbox"/> World Humanities: Latino/African (5)		
	<b>Language Arts (40)</b>  Additional Language Arts classes on back	<input type="checkbox"/> MYP English 10 (10) <input type="checkbox"/> Journalism/Yearbook (10)			<input type="checkbox"/> US Literature and Comp. (10) <input type="checkbox"/> AP English Lang. and Comp. (10) <input type="checkbox"/> Journalism/Yearbook (10) <input type="checkbox"/> CE Intro to Lit. (5) <input type="checkbox"/> CE English Comp. (5)			<input type="checkbox"/> British Literature and Comp. (10) <input type="checkbox"/> Modern Literary Perspectives (10) <input type="checkbox"/> AP English Lit. and Comp. (10) <input type="checkbox"/> Journalism/Yearbook (10) <input type="checkbox"/> CE Intro to Lit. (5) <input type="checkbox"/> CE English Comp. <input type="checkbox"/> Comp. 2 (5)		
	<b><input type="checkbox"/> 2 SEMESTER LONG LANGUAGE ARTS ELECTIVES – SEE REVERSE SIDE</b>									
	<b>Math / Computer Science (30)</b>	<input type="checkbox"/> MYP Geometry B/Algebra B (5/5) <input type="checkbox"/> Geometry in Construction (10+10 Elec.) <input type="checkbox"/> Algebra 2 (10) <input type="checkbox"/> CE College Algebra (10) <input type="checkbox"/> CE Pre-Calculus (10) <input type="checkbox"/> AP Computer Science (10) <input type="checkbox"/> Other _____ ( )			<input type="checkbox"/> Data Analysis and Discrete (10) <input type="checkbox"/> Algebraic Concepts (10) <input type="checkbox"/> Algebra 2 (10) <input type="checkbox"/> CE College Algebra (10) <input type="checkbox"/> CE College Trigonometry (10) <input type="checkbox"/> CE Pre-Calculus (10) <input type="checkbox"/> CE/AP Calculus AB (10) <input type="checkbox"/> BC (10) <input type="checkbox"/> CE/AP Statistics (10) <input type="checkbox"/> AP Computer Science (10) <input type="checkbox"/> CE Calculus 3 (10)			<input type="checkbox"/> Data Analysis and Discrete (10) <input type="checkbox"/> Algebraic Concepts (10) <input type="checkbox"/> Algebra 2 (10) <input type="checkbox"/> CE College Algebra (10) <input type="checkbox"/> CE College Trigonometry (10) <input type="checkbox"/> CE Pre-Calculus (10) <input type="checkbox"/> CE/AP Calculus AB (10) <input type="checkbox"/> BC (10) <input type="checkbox"/> CE/AP Statistics (10) <input type="checkbox"/> AP Computer Science (10) <input type="checkbox"/> CE Calculus 3 (10)		
<b>Lab Science (30)</b>	<input type="checkbox"/> Principles of Nat. Resources Mgmt. (10) <input type="checkbox"/> Earth Systems Science (10) <input type="checkbox"/> Principles of Animal & Vet Science (10) <input type="checkbox"/> Principles of Horticulture (10) <input type="checkbox"/> Chemistry (10) <input type="checkbox"/> Astronomy (5) <input type="checkbox"/> Other _____ ( )			<input type="checkbox"/> Principles of Horticulture (10) <input type="checkbox"/> Anatomy and Physiology (10) <input type="checkbox"/> Intermediate Vet Science (10) <input type="checkbox"/> Landscape Const./Urban Farming (10) <input type="checkbox"/> Forensics/CSI (10) <input type="checkbox"/> Physics (10) <input type="checkbox"/> Chemistry <input type="checkbox"/> AP Chem (10) <input type="checkbox"/> AP Biology (10) <input type="checkbox"/> Astronomy (5)			<input type="checkbox"/> Principles of Horticulture Science (10) <input type="checkbox"/> Anatomy and Physiology (10) <input type="checkbox"/> Intermediate Vet Science (10) <input type="checkbox"/> Landscape Const./Urban Farming (10) <input type="checkbox"/> Forensics/CSI (10) <input type="checkbox"/> Physics (10) <input type="checkbox"/> Chemistry <input type="checkbox"/> AP Chem (10) <input type="checkbox"/> AP Biology (10) <input type="checkbox"/> Astronomy (5)			
WORLD LANGUAGES	<b>World Language or World Culture (10)</b>	<b>Level: 1 2 3 4 5</b> Levels 4 and 5 are available for CE Level 5 is available for AP <input type="checkbox"/> French (10) <input type="checkbox"/> German (10) <input type="checkbox"/> Spanish (10) <input type="checkbox"/> Spanish Literacy/Nat. Speakers (10)			<b>Level: 1 2 3 4 5</b> Levels 4 and 5 are available for CE Level 5 is available for AP <input type="checkbox"/> French (10) <input type="checkbox"/> German (10) <input type="checkbox"/> Spanish (10) <input type="checkbox"/> Spanish Literacy/Nat. Speakers (10)			<b>Level: 1 2 3 4 5 6</b> Levels 4 and 5 are available for CE Level 5 and 6 are available for AP <input type="checkbox"/> French (10) <input type="checkbox"/> German (10) <input type="checkbox"/> Spanish (10) <input type="checkbox"/> Spanish Literacy/Nat. Speakers (10)		
PE/ FCS	<b>Health &amp; Wellness (15)</b> <small>Courses listed on back</small>	<input type="checkbox"/> _____ ( ) <input type="checkbox"/> _____ ( )			<input type="checkbox"/> _____ ( ) <input type="checkbox"/> _____ ( )			<input type="checkbox"/> _____ ( ) <input type="checkbox"/> _____ ( )		
FINANCE & ECON.	<b>Finance (5) &amp; Economics (5)</b>	<input type="checkbox"/> CE Finance (5) <input type="checkbox"/> Financial Life Management (5) <input type="checkbox"/> MYP Business Economics (5) <input type="checkbox"/> Economics (5) <input type="checkbox"/> AP Micro/Macro Economics (5/5)			<input type="checkbox"/> CE Finance (5) <input type="checkbox"/> Financial Life Management (5) <input type="checkbox"/> MYP Business Economics (5) <input type="checkbox"/> Economics (5) <input type="checkbox"/> AP Micro/Macro Economics (5/5)					
ARTS	<b>Fine and Applied Arts (10)</b> <small>Courses listed on back</small>	<input type="checkbox"/> _____ ( ) <input type="checkbox"/> _____ ( )			<input type="checkbox"/> _____ ( ) <input type="checkbox"/> _____ ( )			<input type="checkbox"/> _____ ( ) <input type="checkbox"/> _____ ( )		

Number of Credits Earned: _____	Number of Credits Remaining: _____
Number of Credits Registered For: _____	Number of College Credit Earning Courses: _____
Potential Certifications: _____	

## Pathway Sequence Selection – select your next course based on your Program of Study.

**COURSES DO NOT HAVE TO BE TAKEN IN THE INDICATED GRADE, RATHER THIS REFLECTS THE RECOMMENDED SEQUENCE.** Courses with an \* have pre-requisites or additional requirements that can be found at <http://www.phscounseling.org/registration>

PROGRAMS OF STUDY - PATHWAY			
21 <sup>st</sup> Century Manufacturing	<input type="checkbox"/> Eng. Skills Machining and Welding (5) <input type="checkbox"/> Eng. Design Machining and Welding (5) <input type="checkbox"/> Electronics (5)	<input type="checkbox"/> Advanced Engineering: Machining and Welding (5) <input type="checkbox"/> Robotics 1 (5)	<input type="checkbox"/> Robotics 2 (5) <input type="checkbox"/> Recommend FRCC Career Pathways: CE Welding & Metal Fabrication <input type="checkbox"/> Eng. & Design Pathways Capstone* (10)
Architecture & Construction	<input type="checkbox"/> Geometry and Construction (10)	<input type="checkbox"/> Architecture (5) <input type="checkbox"/> CE Intro to Construction (5)	<input type="checkbox"/> Eng. Skills: Carpentry and Joinery (5) <input type="checkbox"/> Eng. & Design Pathways Capstone* (10)
Computer Aided Design	<input type="checkbox"/> Eng. Skills: Carpentry and Joinery (5) <input type="checkbox"/> Engineering Drafting 1 (5)	<input type="checkbox"/> CE MYP 3D Modeling 2* (5)	<input type="checkbox"/> Architecture (5) <input type="checkbox"/> Eng. & Design Pathways Capstone* (10)

**Elective Courses are listed below by Pathway. Student can choose courses from any Pathway.**

ELECTIVE OPPORTUNITIES	ELECTIVES (65)	ENTREPRENEURSHIP	ARTS AND HUMANITIES	HEALTH SCIENCE & HUMAN SERVICE
		<input type="checkbox"/> Intro to Business (5) <input type="checkbox"/> Accounting 1 2* 3* (5) <input type="checkbox"/> MYP Marketing (5) <input type="checkbox"/> CE Social Media Marketing* (5) <input type="checkbox"/> Sports & Entertainment Marketing* (5) <input type="checkbox"/> Law and Justice (5) <input type="checkbox"/> Entrepreneurship (5) <input type="checkbox"/> International Business (5) <input type="checkbox"/> Management* (5) <input type="checkbox"/> PaCE 1 2* (5-10) <input type="checkbox"/> Foods, Nutrition, & Wellness (5) <input type="checkbox"/> Gourmet Foods/Catering 1 (5) <input type="checkbox"/> CE Ad. Gourmet Foods/Catering 2* (5) <input type="checkbox"/> Intro to Computer Science (5) <input type="checkbox"/> CE Computer Applications (5) <input type="checkbox"/> CE Web Design 1 2 (5) <input type="checkbox"/> Game Design 1 2 (5) <input type="checkbox"/> AP Computer Science (10) <input type="checkbox"/> Business Leadership/Capstone* (5) <input type="checkbox"/> Computer Pathways Capstone* (10)	<input type="checkbox"/> Creative Writing (5) <input type="checkbox"/> Effective Communications (5) <input type="checkbox"/> CE English Comp & Reading (5) <input type="checkbox"/> Film Studies: Intro to Film Analysis (5) <input type="checkbox"/> Writing for Literary Productions (10) <input type="checkbox"/> Digital Media Productions 1 2* (5) <input type="checkbox"/> CE History of Rock and Pop (5) <input type="checkbox"/> CE History of Jazz (5) <input type="checkbox"/> CE Music Appreciation (5) <input type="checkbox"/> World Humanities: Asia (5) <input type="checkbox"/> Classical Humanities (5) <input type="checkbox"/> World Humanities: Latino/African (5) <input type="checkbox"/> Television Production 1 2* 3* (5) <input type="checkbox"/> Journalism/Yearbook (10) <input type="checkbox"/> Interior Design 1 2* (5) <input type="checkbox"/> Fashion Design 1 2* (5) <input type="checkbox"/> Media Analysis and Comp. (5) <input type="checkbox"/> Music Theory and Composition (5) <input type="checkbox"/> Music Production/Technology (5) <input type="checkbox"/> MYP Design Foundations (5) <input type="checkbox"/> MYP Drawing* (5) <input type="checkbox"/> MYP Jewelry* (5) <input type="checkbox"/> MYP Painting* (5) <input type="checkbox"/> Pottery* (5) <input type="checkbox"/> Videography (5) <input type="checkbox"/> CE MYP Digital Design (5) <input type="checkbox"/> CE Advanced Digital Design* (5) <input type="checkbox"/> Digital Drawing or Painting* (5) <input type="checkbox"/> Advanced Drawing* (5) <input type="checkbox"/> Advanced Jewelry* (5) <input type="checkbox"/> Advanced Pottery* (5) <input type="checkbox"/> AP Art History (10) <input type="checkbox"/> AP Studio Art (10) <input type="checkbox"/> Photography – Photo 1 (5) <input type="checkbox"/> MYP Creative Photo - Photo 2* (5) <input type="checkbox"/> Advanced Photo – Photo 3* (5) <input type="checkbox"/> Theatre (5) <input type="checkbox"/> Theater Foundations* (5) <input type="checkbox"/> IB DP Theatre Arts SL* (10) <input type="checkbox"/> IB DP Theatre HL* (10) <input type="checkbox"/> Technical Theater Certification* (5) <input type="checkbox"/> CE Advanced Acting & Production* (5) <input type="checkbox"/> CE Music Theatre Production (5) <input type="checkbox"/> CE Theatre Practicum (5) <input type="checkbox"/> Bass Choir (10) <input type="checkbox"/> Treble Choir (10) <input type="checkbox"/> Piano Class 1 2* (5) <input type="checkbox"/> Concert Band (10) <input type="checkbox"/> Concert Orchestra (10)	<input type="checkbox"/> Intro to Health Sci. & Human Services (5) <input type="checkbox"/> MYP Health and Wellness (5) <input type="checkbox"/> Teen Choices (5) <input type="checkbox"/> Foods, Nutrition, & Wellness (5) <input type="checkbox"/> Weight Training BEG. ADV.* (5) <input type="checkbox"/> Body Sculpting* (5) <input type="checkbox"/> Athletic Weights* (5) <input type="checkbox"/> Integrated Physical Education* (5) <input type="checkbox"/> Adventure PE* (5) <input type="checkbox"/> Beginning Dance* (5) <input type="checkbox"/> Aerobics and Group Fitness* (5) <input type="checkbox"/> Yoga and Fitness* (5) <input type="checkbox"/> Team Sports* (5) <input type="checkbox"/> Team and Individual Sports* (5) <input type="checkbox"/> Female Fitness* (5) <input type="checkbox"/> Sports Medicine (5) <input type="checkbox"/> Anthropology (5) <input type="checkbox"/> Psychology 1 2 (5) <input type="checkbox"/> Sociology (5) <input type="checkbox"/> Current World Affairs (5) <input type="checkbox"/> Facing History and Ourselves (5) <input type="checkbox"/> Service Learning (5) <input type="checkbox"/> CE Early Childhood Ed. 1 2* (5) <input type="checkbox"/> AP Psychology (10)
		<b>AGRICULTURE &amp; ENVIRONMENT</b>		<b>ENGINEERING AND DESIGN</b>
		<input type="checkbox"/> Introduction to Agriculture (10) <input type="checkbox"/> Principles of Animal & Vet. Science (10) <input type="checkbox"/> Animal Prod. & Management (10) <input type="checkbox"/> Intermediate Veterinary Science* (10) <input type="checkbox"/> Principles of Nat. Resource Mgmt. (10) <input type="checkbox"/> Principles of Horticulture Science (10) <input type="checkbox"/> Greenhouse Prod./Floriculture* (10) <input type="checkbox"/> Landscape Const./Urban Farming* (10)		<input type="checkbox"/> MYP Engineering Explorations (5) <input type="checkbox"/> CE Engineering Drafting 1 (5) <input type="checkbox"/> CE Intro to Construction (5) <input type="checkbox"/> Architecture (5) <input type="checkbox"/> Engineering Woods 1 2* 3* (5) <input type="checkbox"/> Engineering Metals 1 2* 3* (5) <input type="checkbox"/> CE MYP 3D Modeling (5) <input type="checkbox"/> Robotics 1 2* (5) <input type="checkbox"/> Electronics (5) <input type="checkbox"/> Aerospace Engineering (5) <input type="checkbox"/> Fashion Design 1 2* (5) <input type="checkbox"/> Interior Design 1 2* (5) <input type="checkbox"/> Engineering & Design Capstone* (5)
		<b>SELECT MUSIC OPPORTUNITIES</b> (Audition Required)		
		<input type="checkbox"/> Impromptu Choir (10) <input type="checkbox"/> Special Edition Choir (10) <input type="checkbox"/> Impalaphonics Choir (10) <input type="checkbox"/> Symphony Orchestra (10) <input type="checkbox"/> CE Chamber Orchestra (10) <input type="checkbox"/> Symphonic Band (10) <input type="checkbox"/> CE Wind Ensemble (10) <input type="checkbox"/> PHS Jazz 1 (10) <input type="checkbox"/> Jazz Combo (6) <input type="checkbox"/> Percussion Ensemble (6) <input type="checkbox"/> IB DP Music SL (10) <input type="checkbox"/> IB DP Music HL (10)		

*Key: CE = Dual Credit Option AP = Advanced Placement IB = Diploma Course ^ = CE offered depending on level \* = Course may require prerequisite/grade level*

FOR COUNSELOR USE ONLY:			
	<input type="checkbox"/> IS – Case Manager <input type="checkbox"/> Newcomer Geoscience <input type="checkbox"/> Newcomer Env. Science	<input type="checkbox"/> Newcomer Lang. Arts <input type="checkbox"/> Newcomer Lang. Arts Ext. <input type="checkbox"/> Newcomer Math	<input type="checkbox"/> Newcomer Geography <input type="checkbox"/> English Lang. Development 3 4 5 <input type="checkbox"/> Reading Study Skills