



STEM & ENVIRONMENT

Career Plan of Study with required classes

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements

REQUIRED COURSES

9th Grade Required Courses	10th Grade Required Courses	11th Grade Required Courses	12 Grade Required Courses
English 9/Honors English 9	English 10/Honors English 10	English 11/CIS Writing Studio	English 12/CIS Literature & Comp
Intermediate Algebra	Geometry	Algebra 2 w/Trig	Economics/AP Macroeconomics
Earth & Space Science	Biology	Chemistry or Physics	Political Science/AP US GovPol
Social Studies/AP Human Geography	World History/AP World History	US History/AP US History	*Note: In addition, students will need 2 electives in "The Arts"
Fitness for Life & Health			
Are you detail-oriented? Do you want to know how things work, or solve real world problems?			
PATHWAY RELATED COURSES TO CONSIDER:			

COURSE OPTIONS TO CONSIDER

<u>Natural Resources & Environment</u> - Minnesota Studies - Astronomy - Computer Programming 1, 2 - AP Statistics - CIS College Algebra Through Models - World Languages - Physics - Chemistry - Careers - Intro to Business - Pre-Calc	<u>Computer Science</u> - Robotics - Electronics 2 - Computer Integrated Manufacturing A, B, C - Rock Band 101 - Computer Programming 1, 2 - AP Statistics - Guitar 1, 2, 3, 4 - Modern Music Production - Video Game Design - Careers - Intro to Business - Personal Finance - Pre-Calc	<u>Architecture, Construction & Engineering</u> - Woodworking 1, 2, 3 - Electronics 1, 2 - Robotics - Carpentry: Home Construction - Computer Integrated Manufacturing A, B, C - Computer Programming 1, 2 - Interior Design - Graphic Arts 1, 2 - Studio Art 1, 2A Drawing, 2B Painting, Studio Art 3 - Modern Music Production - World Languages	<u>Manufacturing & Transportation</u> - Electronics 1, 2 - Robotics - Woodworking 1, 2, 3 - Carpentry: Home Construction - Small Engines 1, 2 - Auto Tech 1, 2 - Physics - Pre Calc - AP Studio Art 2-D Design - AP Studio Art 3-D Design - World Languages - Careers - Intro to Business - Personal Finance
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