

ENDORSEMENT AREAS

MUST SELECT ONE ENDORSEMENT AREA AND ONE CAREER CLUSTER PATHWAY WITHIN THE ENDORSEMENT AREA

STEM Science, Technology, Engineering, & Mathematics	Business and Industry	Public Services	Arts and Humanities	Multidisciplinary
<p>A STUDENT PURSUING A STEM ENDORSEMENT MUST COMPLETE ALGEBRA II, CHEMISTRY AND PHYSICS, AND CHOOSE ONE OF THE OPTIONS LISTED BELOW</p> <p>A. 4 or more credits in a coherent sequence in career and technical education (CTE) that consists of at least 2 courses in the same career cluster, including at least one advanced CTE course, which includes any course that is the third or higher course in a sequence. The course may be selected from courses in all CTE career clusters. The final course in the sequence must be selected from one of CTE STEM career cluster, or</p> <p>B. 4 credits in a coherent sequence in computer science selected from:</p> <ul style="list-style-type: none"> • Fundamentals of Computer Science • Computer Science I • Computer Science AP • Game Programming and Design • Mobile Application Development • Robotics Programming and Design • IB Computer Science Standard Level • IB Computer Science Higher Level, or <p>C. 5 credits in mathematics by successfully completing Algebra I, Geometry, Algebra II, and 2 additional mathematics courses for which Algebra II is a prerequisite, or</p> <p>D. 5 credits in science by successfully completing Biology, Chemistry and Physics, and 2 additional science courses, or</p> <p>E. In addition to Algebra II, Chemistry and Physics, a coherent sequence of 3 additional credits from no more than 2 of the categories listed above</p>	<p>A. 4 or more credits in a coherent sequence in career and technical education (CTE) that consists of at least 2 courses in the same career cluster, including at least 1 advanced CTE course, which includes any course that is the third or higher course in a sequence. The course may be selected from courses in all CTE career clusters. The final course in the sequence must be selected from one of the following CTE career clusters:</p> <ul style="list-style-type: none"> • Agriculture, Food, and Natural Resources • Architecture and Construction • Arts, Audio/Video Technology and Communications • Business Management and Administration • Finance • Hospitality and Tourism • Information Technology • Manufacturing • Marketing • Transportation, Distribution, and Logistics, or <p>B. 4 English elective credits to include from 3 levels in one of the following areas:</p> <ul style="list-style-type: none"> • Public Speaking • Debate • Adv. Journalism: Newspaper • Adv. Journalism: Yearbook, or <p>C. 4 credits in a coherent sequence from the categories listed above</p>	<p>A. 4 or more credits in a coherent sequence in career and technical education (CTE) that consists of at least 2 courses in the same career cluster, including 1 advanced CTE course, which includes any course that is the third or higher course in a sequence. The final course in the sequence must be selected from one of the following CTE career clusters:</p> <ul style="list-style-type: none"> • Education and Training • Health Science • Human Services • Law, Public Safety, Corrections, and Security, or <p>B. 4 courses in Junior Reserve Officer Training Corps (JROTC)</p>	<p>A. 5 social studies credits, or</p> <p>B. 4 levels of the same language in a language other than English, or</p> <p>C. 2 levels of the same language in a language other than English and 2 levels of a different language in a language other than English, or</p> <p>D. 4 credits in a coherent sequence by selecting courses in 1 or 2 categories or disciplines in fine arts from art, dance, music, or theatre, or</p> <p>E. 4 English elective credits selected from the following:</p> <ul style="list-style-type: none"> • English IV • Independent Study in English – Academic Decathlon • Literary Genres • Creative Writing • Research and Technical Writing • Humanities • Communication Applications • AP English Literature and Composition • IB Language Studies A1 Higher Level 	<p>A. 4 advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence, or</p> <p>B. 4 credits in each of the 4 foundation subject areas to include English IV and chemistry and/or physics, or</p> <p>C. 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts</p>