

Current courses meeting the criteria for graduation requirements

Language Arts - Three courses from the Foundations plus one CREDIT from the Applied and Advanced list				
<p style="text-align: center;">Foundation Courses</p> <p>English 9 English 10 English 11 Concurrent Enrollment Courses** International Baccalaureate Classes** AP Literature and Composition* * AP Language and Composition**</p>	<p style="text-align: center;">Applied and Advanced Courses</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; vertical-align: top;"> <p>12th Grade Language Arts Basic Writing Skills Basic Reading Skills Business Communication College Prep Language Arts Creative Writing 1 and 2 Debate</p> </td> <td style="width: 67%; vertical-align: top;"> <p>Humanities Journalism 1 and 2 Literature Literary Magazine Technical & Professional Communication World Languages 3, 4, or AP</p> </td> </tr> </table>		<p>12th Grade Language Arts Basic Writing Skills Basic Reading Skills Business Communication College Prep Language Arts Creative Writing 1 and 2 Debate</p>	<p>Humanities Journalism 1 and 2 Literature Literary Magazine Technical & Professional Communication World Languages 3, 4, or AP</p>
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Language Arts Notes: ** These courses can also be used for the one credit in Applied and Advanced.				
Mathematics – Secondary I, II, and III. Secondary III can be replaced by an Applied or Advanced Course with written parent request.				
<p style="text-align: center;">Foundation Courses</p> <p>Secondary I or Secondary IH Secondary II or Secondary IIIH Secondary III or Secondary IIIH Precalculus</p>	<p style="text-align: center;">Applied and Advanced Courses (Prerequisites may apply)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; vertical-align: top;"> <p>Accounting I and II AP Calculus AB or BC AP Statistics College Prep Math Computer Programming Introductory Calculus Introductory Statistics</p> </td> <td style="width: 67%; vertical-align: top;"> <p>Mathematical Decision Making for Life Mathematics of Personal Finance Medical Math Modern Mathematics Concurrent Enrollment* 1010, 1030, 1040, 1050, or 1060 International Baccalaureate</p> </td> </tr> </table>		<p>Accounting I and II AP Calculus AB or BC AP Statistics College Prep Math Computer Programming Introductory Calculus Introductory Statistics</p>	<p>Mathematical Decision Making for Life Mathematics of Personal Finance Medical Math Modern Mathematics Concurrent Enrollment* 1010, 1030, 1040, 1050, or 1060 International Baccalaureate</p>
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Science – A total of 2.0 credits from two of the five areas of science on the Foundation Courses list plus 1.0 credit from the Foundation Courses list or Applied and Advanced Courses list				
Foundation Courses				
<p>Biology</p> <ul style="list-style-type: none"> • Biology • Human Biology (including CE) • Biology: Agricultural Science & Technology⁺ • AP or IB Biology • Biology with Lab CE* 	<p>Chemistry</p> <ul style="list-style-type: none"> • Chemistry • AP or IB Chemistry • Chemistry with Lab CE <p>Computer Science</p> <ul style="list-style-type: none"> • AP Computer Science⁺ • Computer Science Principles⁺ • Computer Programming⁺ II 	<p>Earth Science</p> <ul style="list-style-type: none"> • Earth Science • AP Environmental Science • IB Environmental Systems <p>Physics</p> <ul style="list-style-type: none"> • Physics • Physics with Technology • AP or IB Physics • Physics with Lab CE* 		
Applied or Advanced Courses				
<p>Aerospace Aeronautics Agricultural Biotechnology⁺ Agricultural Science⁺ I, II, III, IV Aquaculture⁺ Anatomy and Physiology** Animal Science⁺ I or II Astronomy** Biotechnology⁺ Botany Electronics⁺ 1, 2, 3 Engineering Principles⁺ 1, 2</p>	<p>Engineering Capstone⁺ Environmental Science** Equine Science⁺ Genetics** Geology** Human Physiology Marine Biology/Oceanography Material Science⁺ Medical Anatomy and Physiology⁺** Medical Forensics⁺ Meteorology** Natural Resource Science⁺ I, II</p>	<p>Plant and Soil Science⁺ I** , II PLtW Digital Electronics⁺ PLtW Principles of Engineering⁺ Robotics⁺ 1, 2 Veterinary Assistant⁺ 1, 2 Wildlife Biology Zoology</p> <p>+ CTE Courses * Include Foundation CE without Lab Courses ** Include Applied/Advanced CE Courses</p>		

NOTE: *Concurrent enrollment courses offered from college/university language arts, mathematics, or science departments.

NOTE: Teachers currently meeting state license and endorsement requirements for an approved applied or advanced course are qualified to teach that course

Current courses meeting the criteria for graduation requirements

Applied and advanced courses may be added to the appropriate list using the following procedure and criteria.

Language Arts

Determined by the local school board and approved by USOE, using the following criteria.

- (i) courses are within the field/discipline of language arts with a significant portion of instruction aligned to language arts content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of language arts; and
- (iii) courses apply the fundamental concepts and skills of language arts; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses develop skills in reading, writing, listening, speaking, and presentation.

Mathematics

Determined by the local school board and approved by USOE, using the following criteria.

- (i) courses are within the field/discipline of mathematics with a significant portion of instruction aligned to mathematics content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of mathematics; and
- (iii) courses apply the fundamental concepts and skills of mathematics; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses include the five process skills of mathematics: problem solving, reasoning, communication, connections, and representation.

Science

Determined by the local school board and approved by USOE, using the following criteria.

- (i) courses are within the field/discipline of science with a significant portion of instruction aligned to science content, principles, knowledge, and skills; and
- (ii) courses provide instruction that leads to student understanding of the nature and disposition of science; and
- (iii) courses apply the fundamental concepts and skills of science; and
- (iv) courses provide developmentally appropriate content; and
- (v) courses include the areas of physical, natural, or applied sciences; and
- (vi) courses develop students' skills in scientific inquiry.