Current courses meeting the criteria for graduation requirements

Language Arts - Three courses from the Foundations **plus** one from the Applied and Advanced list

Foundation Courses	Applied and Advanced Courses	
English 9 English 10 English 11	12th Grade Language Arts AP Literature and Composition AP Language and Composition Basic Writing Skills Basic Reading Skills Business Communication College Prep Language Arts Creative Writing 1 and 2 Debate	Humanities Journalism 1 and 2 Literature Literary Magazine Technical & Professional Communication World Languages 3, 4, or AP Concurrent Enrollment Courses* International Baccalaureate Classes

Language Arts Note: *Concurrent enrollment courses offered from college/university language arts, mathematics, or science departments

Mathematics – Algebra I, Geometry, and Algebra II or Secondary I, II, and III. Algebra II or Secondary III can be replaced by an Applied or Advanced Course with written parent request.

Foundation Courses	Applied and Advanced Courses (Prerequisites may apply)	
Algebra 1** OR Algebra B** Geometry** Algebra 2** Precalculus OR Secondary I or Secondary IH Secondary II or Secondary IIH Secondary III or Secondary IIIH Precalculus	Accounting I and II Algebra A** AP Calculus AB or BC AP Statistics College Prep Math Computer Programming Introductory Calculus Introductory Statistics	Mathematical Decision Making for Life Mathematics Essentials** Mathematics of Personal Finance Medical Math Modern Mathematics Concurrent Enrollment 1010, 1030, 1040, 1050, or 1060 International Baccalaureate Classes

Mathematics Notes:
*Concurrent enrollment courses offered from college/university language arts, mathematics, or science departments
**Courses that may be used for graduation credit through the class of 2015. After 2015 students must be enrolled in new core classes

Science – Courses from two of the four areas of science on the Foundation Courses list **plus** an additional course from the Foundation Courses list or Applied and Advanced Courses list

Foundation Courses	Applied or Advanced Courses	
Biology Human Biology Biology: Agricultural Science Technology AP Biology Chemistry AP Chemistry Earth Systems Science AP Environmental Science Physics Physics with Technology AP Physics	Advanced Electronics Agricultural Biotechnology Agricultural Science I, II, III, or IV Aquaculture, Advanced Aquaculture, Introductory Anatomy and Physiology Animal Science I or II Applied Biology and Chemistry Astronomy Basic Electronics Biotechnology Botany Digital Electronics Digital Electronics – PLTW Ecology Environmental Science	Geology Investigation Science*** Marine Biology Material Science Medical Anatomy and Physiology Medical Forensics Meteorology Natural Resource Science I or II Physiology Plant Science Plant and Soil Science I or II Pre-Engineering Principles of Engineering -PLTW Wildlife Management Zoology Concurrent Enrollment Courses* International Baccalaureate

Current courses meeting the criteria for graduation requirements

Science Notes:
*Concurrent enrollment courses offered from college/university language arts, mathematics, or science departments
*******Effective May 2013, Investigation Science will become a general elective that will not meet graduation requirements. Students who have taken Investigation Science prior to May 2013 will meet graduation requirements. Please take note of this change for student scheduling for 2013

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

Applied, advanced and supplemental 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.