

Current Courses Meeting the Criteria for Graduation Requirements

Language Arts - Three Courses from the Foundations Plus one CREDIT from the Applied and Advanced List		
Foundation Courses	Applied and Advanced Courses	
English 9 English 10 English 11 Concurrent Enrollment Courses** International Baccalaureate Classes** AP Literature and Composition** AP Language and Composition**	12 th Grade Language Arts 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
Language Arts Notes: ** These courses can also be used for the one credit in Applied and Advanced.		
Mathematics – 3.0 credits: Secondary I, II, and III. Secondary III can be replaced by an Applied Course with written parent request (opt out form recognizing not being prepared for college).		
Foundation Courses	Advanced Courses (Secondary III Pre-requisite)	Applied Courses (Alternative Selections for Secondary III Opt out) (Secondary II Pre-Requisite)
Secondary I or Secondary IH Secondary II or Secondary IIH Secondary III or Secondary IIH Pre-calculus	AP Calculus AB or BC AP Statistics College Prep Math Introductory Calculus Concurrent Enrollment* 1010, 1030, 1040, 1050, or 1060 International Baccalaureate	Accounting I and II Mathematical Decision Making for Life (non-CE course) Mathematics of Personal Finance Medical Math Modern Mathematics Introductory Statistics Computer Programming
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		
Biology <ul style="list-style-type: none"> • Biology • Human Biology • Biology: Agricultural Science Technology • AP or IB Biology • Biology with Lab CE* 	Chemistry <ul style="list-style-type: none"> • Chemistry • AP or IB Chemistry • Chemistry with Lab CE* Computer Science <ul style="list-style-type: none"> • AP Computer Science • Computer Science Principles • Computer Programming II 	Earth Science <ul style="list-style-type: none"> • Earth Science • AP Environmental Science • IB Environmental Systems Physics <ul style="list-style-type: none"> • Physics • Physics with Technology • AP or IB Physics • Physics with Lab CE*
Applied or Advanced Courses		
Advanced Electronics Agricultural Biotechnology Agricultural Science I, II, III, or IV Aquaculture 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 Foundation CE without Lab Courses* Applied/Advanced CE Courses* Applied/Advanced IB Courses

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