

TOPS Core Courses Approved by BESE and Board of Regents (June 2014) for Calculation on 5.00 Point Scale

Core Course	Advanced Placement	International Baccalaureate	Gifted and Talented	Dual Enrollment
English III	AP English Language and Composition	IB Literature IB Language & Literature IB Literature and Performance	English III	English Composition I English Composition II American Literature I American Literature II Major American Writers
English IV	AP English Literature and Composition	IB Literature IB Language & Literature IB Literature & Performance	English IV	English Composition I English Composition II British Literature I British Literature II Major British Writers World Literature I World Literature II Major World Writers Introduction to Fiction Introduction to Literature Introduction to Poetry and/or Drama
Algebra III	NONE	NONE	NONE	College Algebra
Advanced Math – Pre-Calculus	NONE	IB Math Studies (Math Methods)	NONE	Trigonometry
Pre-Calculus	NONE	IB Math Studies (Math Methods)	NONE	Algebra & Trigonometry
Advanced Math – Functions and Statistics	NONE	NONE	NONE	Introductory Statistics
Probability and Statistics	AP Statistics	NONE	NONE	Introductory Statistics
Calculus	AP Calculus AB AP Calculus BC	IB Mathematics SL IB Mathematics HL	Calculus I Calculus II	Applied Calculus Calculus I Calculus II
Biology I	NONE	NONE	NONE	General Biology I General Biology I (Science Majors)
Chemistry I	NONE	NONE	Chemistry I	General Chemistry Survey I Chemistry I Chemistry I (Science Majors)
Biology II	AP Biology	IB Biology I IB Biology II	Biology II	General Biology I Gen Biology I (Science Majors) General Biology II General Biology II (Science Majors)
Earth Science	NONE	NONE	NONE	Physical Geology Historical Geology
Environmental Science	AP Environmental Science	IB Environmental Systems	Environmental Science	Environmental Science
Physical Science	NONE	NONE	NONE	Physical Science I
Chemistry II	AP Chemistry	IB Chemistry I IB Chemistry II	Chemistry II	General, Organic & Biochemistry General Chemistry Survey I Chemistry I Chemistry I (Science Majors) Chemistry II Chemistry II (Science Majors)
Physics I	AP Physics I: Algebra Based AP Physics II: Algebra Based AP Physics C: Electricity and Magnetism AP Physics C: Mechanics	IB Physics I IB Physics II	Physics	Physics I (Algebra/Trigonometry Based) Physics I (Lecture & Lab) Physics I (Calculus Based)
US History	AP U.S. History	IB History of the Americas I	U.S. History	American History I or II

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US Government or Civics	AP U.S. Government and Politics: Comparative AP U.S. Government and Politics: United States	NONE	Government	Introduction to American Government Introduction to State & Local Government Introduction to Comparative Government
Economics	AP Macroeconomics AP Microeconomics	IB Economics	Economics	Economic Principles Macroeconomics Microeconomics
Western Civilization	NONE	NONE	NONE	Western Civilization I or II
European History	AP European History	NONE	European History	NONE
World Geography	AP Human Geography	IB Geography	World/Human Geography	World Regional Geography
World History	AP World History	IB History of the Americas II	NONE	World Civilization I or II
History of Religion	NONE	NONE	NONE	World Religions
Arabic	NONE	IB Language ab initio: Arabic IB Language B: Arabic	NONE	Elementary Arabic I Elementary Arabic II
French	AP French Language & Culture	IB Language ab initio: French IB Language B: French	French III French IV	Elementary French I Elementary French II Intermediate French I Intermediate French II
German	AP German Language & Culture	IB Language ab initio: German IB Language B: German	German III German IV	Elementary German I Elementary German II Intermediate German I Intermediate German II
Latin	AP Latin	IB Classical Language	Latin III Latin IV	Elementary Latin I Elementary Latin II Intermediate Latin I Intermediate Latin II
Spanish	AP Spanish Language & Culture	IB Language ab initio: Spanish IB Language B: Spanish	Spanish III Spanish IV	Elementary Spanish I Elementary Spanish II Intermediate Spanish I Intermediate Spanish II
Chinese	AP Chinese Language & Culture	IB Language ab initio: Chinese IB Language B: Chinese	Chinese III Chinese IV	NONE
Italian	AP Italian Language & Culture	IB Language ab initio: Italian IB Language B: Italian	Italian III Italian IV	NONE
Japanese	AP Japanese Language & Culture	IB Language ab initio: Japanese IB Language B: Japanese	Japanese III Japanese IV	NONE
Music (Performance)	NONE	IB Music	Talented Music I, II, III, IV Small Voice Ensemble II Choir: Intermediate Choir: Advanced Orchestra: Intermediate Orchestra: Advanced	NONE
Fine Arts Survey	AP Music Theory	NONE	NONE	Exploring the Arts Introduction to Visual Arts Dance Appreciation Music Appreciation
Art	AP Art History AP Studio Art: 2-D Design AP Studio Art: 3-D Design AP Studio Art: Drawing	IB Visual Arts	Art History Talented Visual Arts I Talented Visual Arts II Talented Visual Arts III Talented Visual Arts IV	Art History I or II Art Structure/2-D Design Beginning Drawing
Theatre (Performance)	NONE	IB Film Study IB Theatre IB Dance	Introduction to Film Studies Talented Theater I, II, III, IV	Acting I or II Introduction to Theatre