

TOPS Core Curriculum for 2016-2017 Graduates
Includes TOPS Equivalents, Honors, AP, IB, and DE Courses

Units	Course Code	Courses
English 4 units		
1 unit	120331	English I
	120411	NOCCA Integrated English I
1 unit	120332	English II
	120412	NOCCA Integrated English II
1 unit	120333	English III
	120413	NOCCA Integrated English III
	120341	English III: Honors
	120325	English III: AP English Language and Composition
	120403	English III: IB Literature
	120327	English III: IB Language and Literature
	120404	English III: IB Literature and Performance
	120329	English III: Gifted and Talented
	120601	English III: DE CENL 1013 English Composition I
	120602	English III: DE CENL 1023 English Composition II
	120603	English III: DE CENL 2153 American Literature I
	120604	English III: DE CENL 2163 American Literature II
	120605	English III: DE CENL 2173 Major American Writers
		LASMSA courses
1 unit	120334	English IV
	120414	NOCCA Integrated English IV
	120342	Honors English IV
	120326	English IV: AP English Literature and Composition
	120405	English IV: IB Literature
	120328	English IV: IB Language and Literature
	120406	English IV: IB Literature and Performance
	120330	English IV: Gifted & Talented
	120606	English IV: DE CENL 1013 English Composition I
	120607	English IV: DE CENL 1023 English Composition II
	120608	English IV: DE CENL 2103 British Literature I
	120609	English IV: DE CENL 2113 British Literature II
	120610	English IV: DE CENL 2123 Major British Writers
	120611	English IV: DE CENL2203 World Literature I
	120612	English IV: DE CENL 2213 World Literature II
	120613	English IV: DE CENL 2223 Major World Writers
	120614	English IV: DE CENL 2303 Introduction to Fiction
	120615	English IV: DE CENL 2323 Introduction to Literature

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Units	Course Code	Courses
	120616	English IV:DE CENL 2313 Intro to Poetry and/or Drama
		LASMSA courses
Math		
4 units		
1 unit	160321	Algebra I
	160331	Applied Algebra I
	160339	Integrated Math I
	160361	NOCCA Integrated Mathematics I
or (both required)	160333	Applied Algebra IA
	160334	Applied Algebra IB
or (both required)	160337	Algebra I Part I
	160338	Algebra I Part II
or (both required)	160342	Applied Math I
	160343	Applied Math II
		LASMSA courses
1 unit	160322	Algebra II
	160340	Integrated Math II
	160363	NOCCA Integrated Mathematics III
		LASMSA courses
2 units	061175	AP Computer Science A
	160323	Geometry
	160362	NOCCA Integrated Mathematics II
	160324	Trigonometry
	160326	Calculus
	160368	Calculus: Honors
	160327	Calculus: AP Calculus AB
	160328	Calculus: AP Calculus BC
	160359	Calculus: IB Mathematics SL
	160360	Calculus: IB Mathematics HL
	160357	Calculus: GT Calculus I
	160358	Calculus: GT Calculus II
	160504	Calculus: DE CMAT 2103 Applied Calculus
	160506	Calculus: DE CMAT 2113-5 Calculus I
	160507	Calculus: DE CMAT 2123-5 Calculus II
	160332	Applied Geometry

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Units	Course Code	Courses
	160341	Integrated Math III
	160344	Applied Math III
	160346	Advanced Math: Pre-Calculus
	160365	Pre-Calculus: IB Math Studies (Math Methods)
	160501	Adv Math Pre-Calculus: DE CMAT 1223 Trigonometry
	160347	Advanced Mathematics: Functions/Statistics
	160503	Adv Math Fun & Statistics: DE CMAT 1303 Intro Statistics
	160364	NOCCA Integrated Mathematics IV
	160348	Pre-Calculus
	160354	Calculus: IB Math Math Methods II
	160366	Pre-Calculus: Honors
	160502	Pre-Calculus: DE CMAT 1233 Algebra & Trigonometry
	160350	Discrete Mathematics
	160349	Probability and Statistics
	160352	Probability and Statistics: AP Statistics
	160367	Probability and Statistics: Honors
	160356	Probability and Statistics: DE CMAT 1303 Intro Statistics
	160375	Algebra III
	160500	Algebra III: DE CMAT 1213 College Algebra
	160353	Calculus: IB Math Methods I
	160355	Calculus: IB Further Mathematics
	160502	Pre-Calculus: DE CMAT 1233 Algebra and Trig
		LASMSA courses
Science		
4 units		
1 unit	150301	Biology I
	150321	Biology: DE CBIO 1013 General Biology I
	150322	Biology: DE CBIO 1033 General Biology I (Science Majors)
	150502	NOCCA Integrated Science II
	150302	Biology II
	150307	Biology II: AP Biology
	150305	Biology II: IB Biology I
	150308	Biology II: IB Biology II
	150327	Biology II: Gifted and Talented
	150303	Biology II: Honors
	150323	Biology II: DE CBIO 1013 General Biology I
	150324	Biology II: DE CBIO 1033 General Biology I (Science Maj)
	150325	Biology II: DE CBIO 1023 General Biology II
	150326	Biology II: DE CBIO 1043 General Biology II (Science Maj)

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Units	Course Code	Courses
		LASMSA courses
1 unit	150401	Chemistry I
	150504	NOCCA Integrated Science IV
	150400	Chemistry I: Honors
	150412	Chemistry I: Gifted and Talented Chemistry I
	150413	Chemistry I: DE CCEM 1013 General Chemistry Survey I
	150414	Chemistry I: DE CCEM 1103 Chemistry I
	150415	Chemistry I: DE CCEM 1123 Chemistry I (Science Majors)
	150402	Chemistry II
	150410	Chemistry II: AP Chemistry
	150423	Chemistry II: IB Chemistry I
	150411	Chemistry II: IB Chemistry II
	150416	Chemistry II: Gifted and Talented
	150424	Chemistry II: Honors
	150417	Chemistry II: DE CCEM 1003 General, Organic & Biochem
	150418	Chemistry II: DE CCEM 1013 General Chemistry Survey I
	150419	Chemistry II: DE CCEM 1103 Chemistry I
	150420	Chemistry II: DE CCEM 1123 Chemistry I (Science Majors)
	150421	Chemistry II: DE CCEM 1113 Chemistry II
	150422	Chemistry II: DE CCEM 1133 Chemistry II (Science Maj)
	150451	Chemistry Com
		LASMSA courses
2 units	150300	Integrated Science
	150302	Biology II
	150307	Biology II: AP Biology
	150308	Biology II: IB Biology II
	150327	Biology II: Gifted and Talented
	150303	Biology II: Honors
	150325	Biology II: DE CBIO 1023 General Biology II
	150326	Biology II: DE CBIO 1043 General Biology II (Science Maj)
	150402	Chemistry II
	150410	Chemistry II: AP Chemistry
	150423	Chemistry II: IB Chemistry I
	150411	Chemistry II: IB Chemistry II
	150416	Chemistry II: Gifted and Talented
	150424	Chemistry II: Honors
	150417	Chem II: DE CCEM 1003 General, Organic and Biochem
	150418	Chemistry II: DE CCEM 1013 General Chemistry Survey I
	150419	Chemistry II: DE CCEM 1103 Chemistry I
	150420	Chemistry II: DE CCEM 1123 Chemistry I (Science Majors)

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Units	Course Code	Courses
	150421	Chemistry II: DE CCEM 1113 Chemistry II
	150422	Chemistry II: DE CCEM 1133 Chemistry II (Science Maj)
	150901	Earth Science
	150909	Earth Science: DE CGEO 1103 Physical Geology
	150910	Earth Science: DE CGEO 1113 Historical Geology
	150310	Environmental Science
	150311	Environmental Science: AP Environmental Science
	150312	Environmental Science: IB Environmental Systems
	150913	Environmental Science: Gifted and Talented
	150328	Environmental Science: Honors
	150914	Environmental Sc: DE CEVS 1103 Environmental Science
	150503	NOCCA Integrated Science III
	150501	NOCCA Integrated Science I
	150802	Physical Science
	150915	Physical Science: DE CPHY 1023 Physical Science I
	150700	Physics
	150701	Physics II
	150724	Physics I: AP Physics I - Algebra Based
	150725	Physics I: AP Physics II - Algebra Based
	150794	AP Physics C: Electricity and Magnetism
	150795	AP Physics C: Mechanics
	150703	Physics I: IB Physics I
	150704	Physics I: IB Physics II
	150705	Physics I: Gifted and Talented
	150699	Physics: Honors
	150726	Physics I: DE CPHY 2113 Physics I (Algebra/Trig Based)
	150727	Physics I: DE CPHY 2114 Physics I (Lec and Lab)
	150728	Physics I: DE CPHY 2133 Physics I (Calculus based)
	150306	Anatomy and Physiology
or (both required)	150803	Physics for Technology I
	150805	Physics for Technology II
or (both required)	010301	Agriscience I
	010302	Agriscience II
		LASMSA courses
Social Studies 4 units		
1 unit	220403	US History
	220404	US History: AP US History

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Units	Course Code	Courses
	220405	US History: IB History of the Americas I
	220406	US History: Gifted and Talented
	220409	US History: Honors
	220614	NOCCA Integrated World History IV
	220407	US History: DE CHIS 2013 American History I
	220408	US History: DE CHIS 2023 American History II
		LASMSA courses
1 unit	220501	Civics 1 year
	220502	Government
	220604	AP US Government and Politics: Comparative
	220503	AP US Government and Politics: US
	220513	US Government: Gifted and Talented
	220505	Government: Honors
	220613	NOCCA Integrated World History III
	220514	US Government: DE CPOL 2013 Intro to American Govern
	220515	US Govern: DE CPOL 2113 Intro to State and Local Govern
	220516	US Govern: DE CPOL 2213 Intro to Comparative Govern
or 1 unit	220200	½ Free Enterprise Systems
	220501	Civics 1 st semester
	220504	Civics 2 nd semester
		LASMSA courses
2 units	220401	World History
	220612	NOCCA Integrated World History II
	220400	World History: Honors
	220413	World History: AP World History
	220414	World History: IB World History
	220411	World History: IB History of the Americas I
	220450	World History: DE CHIS 1113 World Civilization I
	220451	World History: DE CHIS 1123 World Civilization II
	220402	Western Civilization
	220446	Western Civ: DE CHIS 1013 Western Civilization I
	220447	Western Civ: DE CHIS 1023 Western Civilization II
	220300	World Geography
	220310	AP Human Geography
	220311	World Geography: IB Geography
	220315	World Geography: GT World/Human Geography
	220312	World Geo: DE CGRG 2113 World Regional Geography
	220611	NOCCA Integrated World History I

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Units	Course Code	Courses
	220410	European History
	220412	AP European History
	220449	European History: Gifted and Talented European History
	222009	History of Religion
	222013	History of Religion: DE CPHL 2213 World Religions
		LASMSA courses
Foreign Language		
2 units (in the same language)		
		French I, II, III, IV, V, VI
		French AP Language and Culture
		French IB Language AB Initio, French IB Language B
		French Gifted & Talented III, IIV
		French CFRN 1013/1014, French CFRN 1023/1024, French CFRN 2013/2014, French CFRN 2023
		German I, II, III, IV, V
		German AP Language/Culture
		German IB Language AB Initio, German IB Language B
		German Gifted & Talented III, IV
		German CGRM 1013/1014, German CGRM 1023/1024, German CGRM 2013, German CGRM 2023
		Italian I, II, III, IV, V
		Italian AP Language/Culture
		Italian IB Language AB Initio; Italian IB Language B
		Italian Gifted & Talented III, IV
		Latin I, II, III, IV, V
		Latin AP
		Latin: IB Classical Language
		Latin Gifted & Talented III, IV
		Latin CLTN 1013/1014, Latin CLTN 1023/1024, Latin CLTN 2013, Latin CLTN 2023
		Russian I, II, III, IV, V
		Spanish I, II, III, IV, V, VI
		Spanish AP Language/Culture

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Units	Course Code	Courses
		Spanish: IB Language AB Initio, Spanish: IB Language B
		Spanish Gifted & Talented III, IV
		Spanish CSPN 1013/1014, Spanish CSPN 1023/1024, Spanish CSPN 2013/2014, Spanish CSPN 2023
		Japanese I, II, III, IV
		Japanese AP Language/Culture
		Japanese IB Language AB Initio, Japanese IB Language B
		Japanese Gifted & Talented III, IV
		Foreign Language Elective I, II, III, IV
		American Sign Language I, II
		Chinese I, II, III, IV
		Chinese AP Language/Culture
		Chinese IB Language AB Initio, Chinese IB Language B
		Chinese Gifted & Talented III, IV
		Greek I, II, III, IV
		Hebrew I, II, III, IV
		Arabic I, II, III, IV
		Arabic IB Language AB Initio, Arabic IB Language B
		Arabic CARB 1013/1014, Arabic CARB1023/1024
Fine Arts Survey		
1 unit	030332	Fine Arts Survey
		or 1 unit of a performance course in music, or dance, or theater
		or 1 unit of studio art
		or 1 unit of visual art
		or 1 unit of drafting
or (both required)	051103	Speech III
	051104	Speech IV

Last updated 03/31/2016

Graduates of 2016-2017 will not get the 5.0 credit for AP, IB, GT, Honors or DE classes.