

## ENGLISH REQUIRED COURSES

English 9 (1 credit)	English 10 (1 credit)	English 11 (1 credit)	English 12 (1 credit)	Elective
ENG 9	ENG 10	ENG 11	ENG 12	LIT STATS I
25031	25041	25051	25061	21040
25031de	25041de	25051de	25061de	LIT STRATS II
ENG 9 HON.	ENG 10 HON.	ENG 11 HON.	AP ENG LIT 12	21041
25034	25044	25054	25064	READ 180A
25034de	25044de	25054de	25064de	21042
ESL	ESL	AP ENG LNG 11	AP ENG LNG 12	READ 180B
2055A	2055B	25058	25065	21043
2055E	2055F	25058de	25065de	COMM SKILLS
2055J	2055K	AP ENG LIT 11	AP RESEARCH ENG	20582
2055N	2055P	25059	55523	NATIVE-AM LIT
READ 180* ENG9	READ 180* ENG10	IB LANG/LIT	IB LANG/LIT 2	20575
21209	21210	2505i	2506i	MEX-AM LIT I-II
	ENG 10	ESL	ESL	21536
	HUMANITIES	2055C	2055D	21537
	21555	2055G	2055H	SCIENCE FICTION
		2055L	2055M	21541
		2055Q	2055R	SPEECH I-IV
		READ 180* ENG11	READ 180* ENG12	23031
		21211	21212	23032
		ENG 11	BIBLE AS LIT	23033
		HUMANITIES	21533	23034
		21532	SHAKESPEARE	NEWSPAPER I-IV
			21542	24001
			MYTHOLOGY (.5)	24002
			22037	24003
			CRIME &	24004
			PUNISHMNT	JOURNALISM
			22072	24031
			COLLEGE COMP (.5)	24031de
			24531	YEARBOOK I-IV
			CR. WRITING II	24036
			24541	24037
			FILM CRIT	24038
			20538	24039
				MUSIC AS LIT
				24040
				CREATIVE WR I
				24540
				ALL DUAL CREDIT

\*Read 180 can only count as 1 year of English credit

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## **Math:**

- Algebra I taken in an APS Middle School, will be placed on a student's transcript automatically unless a parent opts not to have it placed on the transcript by indicating that on the form they sign at the end of the 8<sup>th</sup> grade year. After it is placed on the HS transcript, it cannot be removed.
- Students must have 4 years of Math on their transcript with at least 1 year at the level of Algebra II or higher. The typical pattern is Alg. I, Geom., Alg. II, + a 4<sup>th</sup> year Math.
- Math Strategies only counts for elective credit, not Math credit.
- There are some approved Dual Credit Math courses that count for the 4th year Math credit.

## MATH REQUIRED COURSES

YEAR 1 (1 credit)	YEAR 2 (1 credit)	YEAR 3 (1 credit)	YEAR 4 (1 credit)	YEAR 4 DUAL CREDIT
ALGEBRA 1 33040 33040de	GEOMETRY 35040 35040de	ALGEBRA 2 36040 36040de	TRNS COLL MATH 38010	MATH 1130 MATH 1140
ALGEBRA 1 BIL. 3304A	GEOMETRY BIL. 3504A	ALGEBRA 2 BIL. 3604A	FINANCIAL LIT 38011	MATH 1215 MATH 1220
ALGEBRA 1 HON. 33080 33080de	GEOMETRY HON. 35080 35080de	ALG.2/TRIG HON. 36080 36080de	TRIG (YR) 38019	MATH 1230 MATH 1240
ALG. 1 HON. BIL. 33081	GEOM. HON. BIL. 3504B	MATH 1220	TRIG (.5) 38020	MATH 1250 MATH 1350
			STATISTICS (.5) 38021	MATH 1430 MATH 1440
			AP STATISTICS 38022	MATH 1510 MATH 1520
			38022de	MATH 1512 MATH 1522
			PROB. & STATS 38023	MATH 2410 MATH 2420
			PRE-CALCULUS 38040	MATH 2531
			38040de	
			PRE-CALC BIL. 3804B	
			PRE-CALC. HON. 38050	
			38050de	
			CALCULUS 38051	
			38051de	
			AP CALC AB 38080	
			38080de	
			AP CALC BC 38085	
			IB MATH SL 1 3804i	
			IB MATH SL 2 3805i	
			IB MATH HL 1 3808i	
			IB MATH HL 2 3809i	
			AP COMPUTER SCI* 65511	
			AP COMP SCI PRIN. 66150	

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\* When taken following or concurrent to 3rd year math

## Science:

- Students should have one course from Column A, Column B and Column C.
- Science standards/requirements have changed for Class of 2023 and beyond.

### SCIENCE REQUIRED COURSES UP TO CLASS OF 2022\*

COLUMN A (1 credit)	COLUMN B (1 credit)	COLUMN C (1 credit)	ELECTIVES	4 OPTIONS:
BIOLOGY I 41111 41111de BIOLOGY I BIL. 4111B AP BIOLOGY 44131 44131de ECO-BIOLOGY 41131 IB BIO SL 4111i IB BIO HL 4112i IB BIO SL 2 4113i IB BIO HL 2 4114i	CHEMISTRY I 42111 42111de CHEMISTRY I BIL. 4211B GEOLOGY 42141 AP CHEMISTRY 44132 44132de IB CHEM SL 4115i IB CHEM HL 4116i IB CHEM SL 2 4117i IB CHEM HL 2 4118i	PHYSICS I 43111 43111de PHYSICS I BIL. 4311B AP PHYSICS I 43171 AP PHYSICS II 43181 AP PHYSICS C 445c2c ASTRONOMY I 43131 GEO/ASTRONOMY 43141 43141de GEO/ ASTRO BIL. 4314B PRE-ENGR PHYSICS 44119 FORENSICS 43142 451c2c MED PHYSICS (CEC) 452c2c NURSING SCI I (CEC) 453c1c	BIOLOGY II 44111 CHEMISTRY II 44112 ANATOMY & PHYS. 44115 PRE-ENGR ELECTR. 44116 VET MED (CEC) 443c3c ADV. MED RESEARCH (CEC) 444c2c	<p><b>Option 1: A+B+C</b> One course from each column A/B/C</p> <p><b>Option 2: Bio+IPC+1</b> Biology, Integrated Chem. Physics <b>plus</b> any other science course</p> <p><b>Option 3: Bio+AP Environ. +1</b> Biology, AP Environmental Science <b>plus</b> any other science course</p> <p><b>Option 4: AP SCIENCES</b> 3 AP Science courses or AP Biology <b>plus</b> a column B or C <b>plus</b> any other science course Or 2 AP science courses <b>plus</b> any other science course</p>
	<div style="border: 1px solid black; padding: 5px;">           INTEGRATED CHEMISTRY PHYSICS 43080 AP ENVIRONMENTAL SC 44135 44135de         </div>			

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\* APS has implemented Next Generation Science Standards which will impact course-taking patterns and district graduation requirements starting with the class of 2023.

**SCIENCE REQUIRED COURSES FOR STUDENTS ENTERING 9<sup>th</sup> GRADE  
DURING OR AFTER FALL 2019 (CLASS OF 2023)**

<b>BIOLOGY (1 credit)</b>	<b>CHEMISTRY (1 credit)</b>	<b>PHYSICS (1 credit)</b>	<b>ELECTIVES</b>
BIOLOGY I 41111 41111de BIOLOGY I BIL. 4111B AP BIOLOGY 44131 44131de IB BIO SL 4111i IB BIO HL 4112i IB BIO SL 2 4113i IB BIO HL 2 4114i	CHEMISTRY I 42111 42111de CHEMISTRY I BIL. 4211B AP CHEMISTRY 44132 44132de IB CHcpEM SL 4115i IB CHEM HL 4116i IB CHEM SL 2 4117i IB CHEM HL 2 4118i	PHYSICS I 43111 43111de PHYSICS I BIL. 4311B AP PHYSICS I 43171 AP PHYSICS II 43181 AP PHYSICS C 445c2c IB PHYSICS	BIOLOGY II 44111 CHEMISTRY II 44112 ANATOMY & PHYS. 44115 PRE-ENGR ELECTR. 44116 VET MED (CEC) 443c3c ADV. MED RESEARCH (CEC) 444c2c AP ENVIRONMENTAL SC 44135 44135de ASTRONOMY I 43131 FORENSICS 43142 451c2c GEOLOGY 42141 PRE-ENGR PHYSICS 44119 NURSING SCI I (CEC) 453c1c

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## Social Studies:

- There is a Dual Credit option for NM History.
- Social Studies electives may not be taken in place of required courses.

### SOCIAL STUDIES REQUIRED COURSES

NM HISTORY (.5 credit)	WORLD HISTORY (1 credit)	US HISTORY (1 credit)	GOVERNMENT ECONOMICS (.5 credit each)	ELECTIVES
NM HISTORY 10043 10043de	WORLD HIST 12019 12011de WORLD HIST BIL 1201B	US HISTORY 11011 11011de US HISTORY BIL 1101B	GOVERNMENT 13011 13011de GOVERNMENT BIL 1301B	ROCK & ROLL HIST 11028 IB WORLD TOPICS 1103i GREEK & ROM. HIST 12031 PHILOSOPHY 14009 PERSONAL FINANCE 15017 GEOGRAPHY 16010 GEOGRAPHY BIL 1601B AP HUMAN GEOG. 16015 LAW I-II 16020 16027 MOCK TRIAL I-IV 16021 16022 16023 16024 REEL HISTORY I-II 16025 16026 SOC ST SKILLS 16029 SOCIAL PSYCH 16030 SOCIOLOGY (SEM) 16040 SOCIOLOGY (YR) 16041 AP EUROPEAN HIST 16042 16042de
SURVEY OF NM HIST (DUAL CR) Hist 2110	AP WORLD HIST 12013 12013de AP WORLD HIST BIL 1201B	AP US HISTORY 11013 11013de AP US HISTORY BIL 11013B US HIST/HUM GEOG 11020 IB HIST AM HL 1102i	AP GOV. /POLITICS 13016 13016de AP GOV./ POL BIL 13016B NATIVE AM GOV 1301ng  ECONOMICS 15011 15011de ECONOMICS BIL 1501B AP ECON 15015 AP ECON BIL 15015B  BUS. LAW (CEC) 14008c  *Successful completion of Fundamentals of Marketing 84309 <u>AND</u> Advanced Marketing 84315 fulfills the Economics graduation requirement.	

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