

Scope & Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
Physical Education & Health	Phys Ed 9-10 (911123) & Social Issues (911111)	Phys Ed 9-10 (911223) & Health and Wellness (911221)	Phys Ed 11-12 (911323) & First Aid (911421)	Phys Ed 11-12 (911323) & First Aid (911421)
English	English I Honors (762104)	English II Honors (762214)	AP English Language & Composition (765464) OR English III Honors (762314)	AP English Literature (765454) OR WRT 105 Practice in Academic Writing (765474) OR English IV Honors (762414)
Mathematics A	Algebra I Honors (742114)	Geometry Honors (742224)	Algebra II & Trig (741344)	Pre-Calculus Honors (742334)
Mathematics B	Algebra I Honors (742114) & Geometry Honors (742224)	Math Analysis I Honors (742214) OR Algebra II & Trig (741344)	Math Analysis II Honors (742324) OR Pre-Calculus Honors (742334)	AP Calculus AB (745014) OR Calculus Honors (742064)

	9th Grade	10th Grade	11th Grade	12th Grade
Mathematics C	Math Analysis I Honors (742214) & Geometry Honors (742224)	Math Analysis II Honors (742324) OR Pre-Calculus Honors (742334)	AP Calculus AB (745014) OR Calculus Honors (742064)	AP Calculus BC (745414) AND/OR AP Statistics (745424)
Mathematics D (With MA II Honors Summer Course)	Math Analysis I Honors (742214) & Geometry Honors (742224)	Math Analysis II Honors (742324) Summer AP Calculus AB (745014)	AP Calculus BC (745414) OR AP Statistics (745424)	MAT 397: Calculus III (745016) AND/OR AP Statistics (745424)
Research/AP Capstone	Introduction to Research and Financial Literacy (772024)	AP Seminar (792114)	AP Seminar (792114) OR AP Research (792124)	AP Seminar (792114) OR AP Research (792124)
Science	Physics Honors (732124)	Chemistry Honors (722224) AP Physics 2 (735174)	Biology Honors (712324) AP Physics 2 (735174) AP Physics C - Mechanics (735085) AP Chemistry (725014)	AP Chemistry (725014) Organic Chemistry (722234) AP Physics C - Electricity and Magnetism (735086) AP Biology (715054) Anatomy and Physiology (711414)

	9th Grade	10th Grade	11th Grade	12th Grade
Social Studies	Global Studies Honors (772114) OR AP Human Geography (776124)	US History I Honors (772224)	US History I Honors (772224) US History II Honors (772334) OR AP US History (775344)	AP US History (775344) US II Honors (772334) SOC 101: Introduction to Sociology (772344) Global Challenge (774124) American Film/Financial Literacy (773024) AP Psychology (772014) WGS 101: Intro to Women's and Gender Studies/Financial Literacy (743214)
World Language French	French I (781114) OR French II (781214)	French II (781214) OR French III Honors (782314)	French III Honors (782314) OR FRE 201: Intermediate French (782424)	FRE 201: Intermediate French (782424)
World Language Mandarin	Mandarin I (781714) OR Mandarin II (782714)	Mandarin II (782714) OR Mandarin III Honors (783714)	Mandarin III Honors (783714) OR AP Chinese Language (784724)	AP Chinese Language (784724)
World Language Spanish	Spanish I (784114)	Spanish II (784214)	Spanish III Honors (783314) OR Spanish Conversation and Culture (783334)	AP Spanish Language (783614) OR SPA 201: Intermediate Spanish (784424)
	Spanish II (784214)	Spanish III Honors (783314)	SPA 201: Intermediate Spanish (784424) OR AP Spanish Language (783614)	AP Spanish Language (783614) OR SPA 201: Intermediate Spanish (784424)
		Spanish Conversation and Culture (783334)	SPA 201: Intermediate Spanish (784424)	AP Spanish Language (783614)

OTHER GRADUATION REQUIREMENTS

	9th Grade	10 th Grade	11th Grade	12th Grade
Art*			Art of Gaming (951614)	Art of Gaming (951614) Painting (793044) Drawing Fundamentals (793014) AP 2D Art & Design (795014)
Music*	Band (803024) Chorus (803014)	Band (803024) Chorus (803014)	Band (803024) Chorus (803014) Music Appreciation (803054)	Band (803024) Chorus (803014) Music Appreciation (803054)
Financial Literacy**	Introduction to Research and Financial Literacy (772024)			American Film/Financial Literacy (773024) AP Microeconomics (835244) Entrepreneurship (831414) Financial Markets and Institutions (831494) Global Challenge (774124) WGS 102 Women's and Gender Studies/Financial Literacy (743214)

* All students must complete 5 credits in the Visual/Performing Arts. Commercial Art & Graphic Design students will meet this requirement in their major coursework.

** All students must complete 2.5 credits in Financial Literacy. Fin Tech and Law & Justice students will meet this requirement in their major coursework.

TECHNICAL COURSES

	9th Grade	10th Grade	11th Grade	12th Grade
Automotive Engineering & Design	Foundations in AED (861124)	Intro to Automotive Technology (861213) AND Intro to Engineering Design (982214)	Engineering Design Lab (861274) AND Digital Electronics (862314)	Capstone in AED (861494) AND Systems Analysis (861504)
Aerospace Engineering	Introduction to Aerospace Engineering (982514)	Aerospace Engineering Principles (982524) AND Digital Electronics (982224)	AP Computer Science Principles (836014) AND Applied Aerospace Engineering (982534)	Space Systems (982544) AND Aerospace Engineering Seminar (982554)
Commercial Art & Graphic Design	Found of Graphic Design through Art History (871114)	Fundamentals of 2D Design & Drawing (871294)	Graphic Design Studio I (871394)	Graphic Design Studio II (871414)
Computer Science	Intro to Programming (951134)	Roadmap to Computing (951204) AND Introduction to Artificial Intelligence (951264)	Advanced Programming (951324) AND Introduction to Artificial Intelligence (951264) Class of 2027 only	ECS 102: Introduction to Computing (951484) AND Computer Science Capstone (951434)
Culinology®	Culinary Essentials I (851114)	Intro to Culinology® (860264) AND Chemistry of Food (851334)	Culinary Essentials II (851324) AND Nutrition Food Health (851214)	Advanced Culinology® (851445) AND Microbiology (851434)

	9th ^h Grade	10th Grade	11th Grade	12th Grade
Digital Media	Introduction to Digital Media (821124)	Graphics and Animation (821272) AND Intro to Broadcast Media (821262)	Broadcast Media & Journalism (821362) AND Advanced Audio & Video Production (821372)	Broadcast Media Capstone (821434)
Fashion Design & Merchandising	Foundations in Fashion Design (971114)	Apparel Design I (971234) AND Fashion Art & Design I (971244)	Apparel Design II (971344) AND Fashion Art & Design II (971354)	Apparel Design III (971474) AND Fashion Art & Design III (971464)
Fin Tech	Intro to Business Management (831114)	Roadmap to Computing (831264) AND AP Macroeconomics (831254)	AP Microeconomics (835344) AND FIN 218 Financial Markets & Institutions (831364)	MGMT 216 Business Data Analytics (831404) AND ACC 151: Introduction to Financial Accounting (831474)
Law & Justice	Intro to Law & Justice (901114)	AP US Government & Politics (775254) AND Constitutional Law (892432)	Intro. to the Analysis of Public Policy (892433) AND Criminology (891214)	CHE 113: Forensic Science (892424) AND Senior Seminar/Financial Literacy (892414)

ELECTIVES

9th Grade	10th Grade	11th Grade	12th Grade
Band (803024) Chorus (803014)	AP Physics 2 (735174) AP Seminar (792114) Band (803024) Chorus (803014)	American Film/Financial Literacy (773024) AP Chemistry (725014) AP Computer Science Principles (836034) AP Physics 2 (735174) AP Physics C - Mechanics (735085) AP Seminar (792114) AP Research (792124) AP Statistics (745424) Art of Gaming (951614) Band (803024) Chorus (803014) Entrepreneurship (831414) Introduction to Game Design (951624) Music Appreciation (803054) Roadmap to Computing (955100) SOC 101 Sociology (772344) WGS 102 Women's and Gender Studies/Financial Literacy (743214)	American Film/Financial Literacy (773024) Anatomy and Physiology (711414) AP 2D Art & Design (795014) AP Biology (715054) AP Chemistry (725014) AP Computer Science Principles (836034) AP Microeconomics (835244) AP Physics C - Electricity and Magnetism (735086) AP Psychology (772014) AP Seminar (792114) AP Research (792124) AP Statistics (745424) Art of Gaming (951614) Band (803024) Chorus (803014) CPS 155: Intro to Cybersecurity (951035) Drawing Fundamentals (793014) Entrepreneurship (831414) Financial Markets and Institutions (831494) Global Challenge (774124) Introduction to Game Design (951624) Music Appreciation (803054) Organic Chemistry (722234) Painting (793044) Roadmap to Computing (955100) SOC 101 Sociology (772344) WGS 102 Women's and Gender Studies/Financial Literacy (743214)

