

GRADE 12 COURSE OFFERINGS

English Requirement

134300/134400	Honors English 12 A/B
101531/101631	AP Language & Composition A/B
101700/101800	AP Literature & Composition 12 A/B
120300/121300	ESOL 3 A/B
120400/121400	ESOL 4 A/B
120500/121500	ESOL 5 A/B

Mathematics

330100/330200	Algebra 2 A/B
331000/331100	Honors Algebra 2 A/B
331500/331600	2 YR Algebra 2 A/B
331700/331800	2 YR Algebra 2 C/D
348900/349000	Precalculus A/B
335000/335100	Honors Precalculus A/B
335600/335700	Calculus w/ Apps
304800/304900	Multivariable Calculus A/B
312100/312200	Quantitative Literacy A/B
332200/332300	Statistics and Mathematical Modeling A/B
345200/345300	AP Calculus AB A/B
349100/349200	AP Calculus BC A/B
332000/332100	AP Statistics A/B

Social Studies Electives

211400/212400	AP US History A/B
210400/210500	AP US Government & Politics A/B
233200/233300	AP Human Geography A/B
224000/224100	AP World History A/B
231500	AP Macroeconomics (1 sem)
231600	AP Microeconomics (1 sem)
213200/214500	AP Comparative Government A/B
233000/233100	AP Psychology A/B
221600/221700	AP European History A/B
230400/231300	Psychology 1/2
210300	African-American History (1 sem)
221000	Ancient & Medieval History (1 sem)
230300	Economics (1 sem)
220400	Latin American History (1 sem)
231200	Law 1 (1 sem)
234300	Law 2 (1 sem)
231100	Philosophy (1 sem)
220500	Russian History (1 sem)
230500/231400	Sociology 1/2
224800	Women's Studies (1 sem)

Science Requirements

371100/371200	Honors Chemistry A/B
382100/382200	Honors Physics A/B
365100/365200	AP Biology A/B (DP)
375100/375200	AP Chemistry A/B (DP)
389100/389200	AP Physics 1 (non-calculus based) A/B

Science Electives

376100/376200	Honors Anatomy & Physiology A/B
386400/386500	Honors Forensic Science A/B
386700/386800	Molecular Biotechnology A/B (DP)
387100/387200	Special Topics in Biotechnology A/B
356000/356100	Nutrition Science A/B
365500/367100	Wildlife Biology (A) / Horticulture (B)
389300/389400	AP Physics 2 (non-calculus based) A/B
383900/384000	AP Physics C: Mechanics A/B
382700/382800	AP Physics C: Electricity and Magnetism A/B
365900/366000	AP Environmental Science A/B

World Languages

177700/177800	Spanish for Spanish Speakers 1 A/B
177900/178000	Spanish for Spanish Speakers 2 A/B
171100/172100	Spanish 1 A/B
171200/172200	Spanish 2 A/B
173300/174300	Honors Spanish 3 A/B
173400/174400	Honors Spanish 4 A/B
171500/172500	Honors Spanish 5 A/B
175900/176000	AP Spanish Language and Culture A/B
171600/172600	Honors Spanish 6 A/B
161100/162100	French 1 A/B
161200/162200	French 2 A/B
163300/164300	Honors French 3 A/B
163400/164400	Honors French 4 A/B
161500/162500	Honors French 5 A/B
163500/163600	AP French Language and Culture A/B
161600/162600	Honors French 6 A/B
159600/159700	American Sign Language 1 A/B
159300/159400	American Sign Language 2 A/B
164000/164100	Honors American Sign Language 3 A/B

Technology Education Graduation Requirement

516100/516200	Foundations of Technology A/B
518200/518300	Foundations of Technology w/Apps A/B
291600/291700	Foundations of Computer Science A/B
291800/291900	AP Computer Science Principles A/B

English Electives

114200	College Test Prep: ACT/SAT (1 sem)
113000	Creative Writing (1 sem)
146100	Inform and Argue Speaking (Debate) (1 sem)
115000/115100	Journalism A/B
690600	Literature as Film (1 sem)
786000/786200	Television Production A/B
116700/116800	Yearbook 1A/B
116900/117000	Yearbook 2A/B

Business Management & Finance

411100/411200	Accounting A/B
411300/411400	Adv. Accounting A/B
410400	Banking & Credit (1 sem)
545000/545100	Entrepreneurship & Business Mgmt. A/B
410300	Honors Financial Planning (1 sem)
410700	Honors International Finance (1 sem)

College and Career Education

809200/809300	College/Career Research (CCRD) A/B
806500/806600	Career Seminar A/B
781800/781900	Internship DP (2 periods)
782200/782300	Internship TP (3 periods)
544100/544200	Site Based Work Experience (2 periods)

Drama (Fine Arts Graduation Requirement)

692600/692700	Theater 1 A/B
692800/692900	Theater 2 A/B
691200	Advanced Acting (1 sem)
691300	Stage Design (1 sem)
691400	Play Directing (1 sem)

Family and Consumer Sciences/Child Development

484700/484800	Child Development 1 A/B
488000/488100	Advanced Child Development 2A/B
488200/488300	Advanced Child Development 3A/B

Health Education

7841	Honors Health (1 semester)
------	----------------------------

Health Education Electives

361200	Applied Science: The Study of Exercise (1 sem) (Pre-Requisite: Honors Health)
783300	Family Life/Human Dev. (1 sem)
784200	First Aid (1 sem)

Technology Electives

280800/280900	Advanced Design Applications A/B
281000/281100	Advanced Technology Applications A/B
299100/299200	Website Development A/B
298900/299000	Computer Programming I A/B
290100/290200	AP Computer Science Java A/B
296500/296600	Advanced Computer Programming 3 A/B

Music (Fine Arts Graduation Requirement)

682100/682200	Concert Band A/B
685100/685200	Concert Orchestra A/B
682600/682700	Symphonic Band A/B
686600/686700	Symphonic Orchestra A/B
683100/683200	Advanced Band A/B
687100/687200	Jazz Ensemble A/B
671131/671231	Women's Chorus 1 A/B
671100/671200	Men's Chorus 1 A/B
672100/672200	Chorus 2 A/B
673100/673200	Chorus 3 (Treble Choir) A/B
674100/674200	Chamber Singers A/B
658500/658600	Guitar 1 A/B
659100/659200	Guitar 2 A/B
652000/652100	Piano 1 A/B
653500/653600	Piano 2 A/B
660500/660700	Music Technology A/B
654500/654600	Music Theory and Composition
654700/654800	AP Music Theory A/B

Visual Arts (Fine Arts Graduation Requirement)

605500/605600	Foundations of Art A/B
635500/635600	Drawing/Design A/B (2D Studio Art 1)
620500/620600	Studio Art 2 A/B (2D Studio Art 2)
630500/630600	Studio Art 3 A/B (2D Studio Art 3)
648400/648430	AP Studio Draw DP A/B (AP Studio 2D Drawing Double Period)
649600/649700	Digital Art 1 A/B
649800/649900	Adv Digital Art A/B (Digital Art 2)
631300/631400	Advanced Studio A/B (Digital Art 3)
648600/647200	AP StArt 2D DES A/AP St Art 2D B (AP Dig Art 2-D Design)
638100/639100	Ceramics/Sculpture 1 A/B
638300/639300	Ceramics/Sculpture 2 A/B
638500/638600	Ceramics/Sculpture 3 A/B (Advanced Ceramics 3)
648800/647300	AP St Art 3D Des A/AP Studio Art 3D B (AP Studio 3D)
634300/634400	Digital Photography 1 A/B
634700/634800	Digital Photography 2 A/B
631332/631432	Advanced Studio A/B (Digital Photography 3)
635100/635200	AP 2D Photography A/B (AP Digital Photography 2D Design)
645600/645700	AP Art History A/B

Physical Education

774200	Men's Basketball
774231	Women's Basketball
774232	Jaguar Basketball (1 sem by recommendation)
775200	Men's Weight Training
775231	Women's Weight Training
775232	Jaguar Weights (1 sem by recommendation)
774700	Lacrosse/Floor Hockey
774800	Men's Soccer
774831	Women's Soccer
773700	Net Sports
775100	Volleyball
775400	Yoga

Program Completer/Electives (Transportation provided)

NJROTC – Seneca Valley High School
 Career Technology Education Programs – Edison HS and Gaithersburg HS