



## Graduation Requirements

### 22 Units of Credit are required for Graduation including:

4 units of English  
4 units of Social Studies  
1 unit of Art and/or Music

3 units of Mathematics  
3 units of Science  
½ unit of Computer Science

½ unit of Health  
2 units of Physical Education  
1 unit of World Languages

### NATIONAL MERIT SCHOLARSHIP PROGRAM

<u>FINALISTS</u>	<u>LETTERS OF COMMENDATION</u>
4	3

### POST HIGH SCHOOL EDUCATION

<u>Class of 2020 – Graduates 392</u>		<u>% OF CLASS</u>
276	Students plan to attend four year schools	70.4%
61	Students plan to attend two year schools	14.7%
5	Students plan to enlist with the military	2.8%
51	Students plan to pursue employment/other	12.1%

### GRADE CONVERSIONS INDICATING LETTER TO NUMERIC G.P.A.

<u>Letter</u>	<u>Numeric</u>	<u>GPA</u>	<u>Letter</u>	<u>Numeric</u>	<u>GPA</u>	<u>Letter</u>	<u>Numeric</u>	<u>GPA</u>	<u>Letter</u>	<u>Numeric</u>	<u>GPA</u>
A+	98-100	4.00	B+	87-89	3.3	C+	77-79	2.3	D	65-69	1.0
A	94-97	3.85	B	84-86	3.0	C	74-76	2.0	F	Below 65	0.0
A-	90-93	3.70	B-	80-83	2.7	C-	70-73	1.7			

**Rank:** Average of numerically graded subjects from grades 9-12. Advanced placement, advanced and honors courses receive a 1.05 weighting factor which is calculated in the overall final average.

## COURSE OFFERINGS

**Advanced Placement Program** of the College Entrance Examination Board is offered in Calculus BC, Statistics, Spanish Language, French Language, Latin, American History, European History, World History, Macro Economics, U.S. Government, English Literature & Composition, English Language & Composition, Computer Science and Physics. Students may opt to challenge any AP exam.

**Honors Courses:** Art, English, Mathematics, Languages, Science, Social Studies and Music.

**Special Programs:** Alternative Education Programs for students consist of non-traditional settings. Freshman Boost: Transition class for incoming 9<sup>th</sup> grade students. Special Education programs for 9<sup>th</sup>-12<sup>th</sup> graders are offered at the high school and at other centers.

**College transcribed credit courses** are available in Business and Math as indicated with an asterisk (\*).

### ART

Studio in Art, Studio in Drawing and Painting I & II, Studio in Ceramics I, II & III, Studio in Sculpture I & II, Studio in Printmaking I & II, America's Visual Edge, Art of the Western World, Art and Identity, Honors Art, Design and Illustration, Art of Asia, Africa and the Americas, Fine Art Photography, Interior Design, Elements of Fashion, Graphic Novels.

### BUSINESS EDUCATION

Career and Financial Management, iComp (Integrated Computers), iComp II\*, Accounting Principles I\*, Accounting Principles II, Business Law\*, Personal Law, Principles of Marketing\*, Advertising and Public Relations, Career Exploration Internship Program, College Success Skills\*, Sports Management, Leadership Skills Development, E-Commerce; Personal Finance\*, Banking and Credit. Students may participate in the Academy of Finance program accredited by the National Academy Foundation ([www.naf.org](http://www.naf.org)).

### ENGLISH

English 9, English 9 Honors, English 10, English 10 Honors, Regents English 11, AP English Language and Composition, ELA and Reading Labs, Drama, English Composition, American Cultural and Media Studies, World Literature, Contemporary Authors, AP English Literature and Composition I & II, Honors Seminar in Humanities, Multicultural Literature, British Literature, Creative Writing Workshop, Journalism, The Literature of American Conflict, Public Speaking, Frigate Fiction, Sports Literature, Fantasy and Science Fiction.

### MATHEMATICS

Fundamentals of Algebra, Algebra I, Algebra 2, Honors Algebra 2, Geometry, Geometry B, Honors Geometry, Algebra II/Trig, Pre-Calculus\*, Pre-Calculus BC, College Statistics\*, Calculus BC, Calculus, Computer Programming I & II, Programming in C++, AP Computer Science A, AP Statistics, AP Computer Science Principles, Algebraic Techniques and Statistical Modeling.

### MUSIC

Music in Our Lives, Basic Music Theory, Advanced Music Theory, Honors Choraliers, Mixed Chorus, Girls' Chorus, Swing Chorus, Honors Wind Ensemble, Symphonic Band, Honors Symphonic Orchestra, Concert Orchestra, Checkmates Jazz Ensemble, Music Technology, Music Composition I.

### OCCUPATIONAL EDUCATION (C.T.E.)

Advanced Mechanical Science I & II, Agricultural Science & Technology I & II, Animal Care I & II, Auto Body I & II, Auto Technology I & II, CISCO Networking I & II, Computer and Electrical Technology I & II, Computer Assisted Design and Drafting I & II, Construction Technology, Cosmetology I & II, Criminal Justice I & II, Culinary Arts I & II, Dental Laboratory Technology I & II, Diesel Mechanics I & II, Early Childhood Education I & II, Electrical Systems I & II, Graphic Design Technology I & II, Health Careers I & II, Heating Ventilation and Air Conditioning Refrigeration I & II, Informational Technology/Computer Systems I & II, Landscape/Greenhouse Mechanical Science I & II, Management I & II, Motor Sports Fabrication/Precision Machining, Occupational Special Education I & II, Pre-Engineering/Manufacturing Technology I & II, Precision Metalworking Technology I & II, Small Animal Science I & II, Welding I & II.

### PHYSICAL EDUCATION

**Physical Ed. 9 & 10** Activities offered are, but not limited to, Aquatics, Archery, Racket Sports, Goal Oriented Sports, Aerobics, Weight Training, Snow Shoeing, Ultimate Frisbee, Volleyball and Disc Golf. Students are also required to complete ELA Common Core assignments on a regular basis.

**Physical Ed. 11 & 12** Students participate in the above activities on a commensurate level.

**Health** Half year course. Topics highlighted: Good Decision Making, Health Benefits of Exercise, Nutrition, Chronic Diseases, Mental Health, Sexuality, Drugs and Alcohol, CPR and First Aid.

### SCIENCE

Regents Earth Science, General Earth Science, Regents Biology, Regents Biology B, Advanced Biology, General Chemistry, Regents Chemistry, Advanced Chemistry, General Physics, Regents Physics, AP Physics, Ecology, Astronomy, Comparative Vertebrate Anatomy, Genetics, Oceanography, Disasters.

### SOCIAL STUDIES

Advanced World History 9, Global History 9, AP World History, Global History 10, US History and Government, AP European History, AP US History, Economics, Corporate Economics, AP Macro Economics, Government, AP US Government and Politics, Canadian Studies, Psychology, Sociology, Crime or Punishment in Society, Honors Seminar in Humanities, History of Sports, America's Visual Edge, Human Rights

### TECHNOLOGY EDUCATION

Architectural Model Making, Technical Drawing, Civil Engineering and Architecture, Communication Systems, Communication Systems/Computer Applications, Computer Applications, Computer Integrated Manufacturing, Construction Technology, Drawing & Design for Production, Energy, Furniture Production, Entrepreneurship in Graphic Communications, Home Maintenance and Repair, Independent Study, Media Productions; Photography I, Digital Imagery, Photography II, Principles of Engineering, Entrepreneurship in Production Systems, Small Engine Technology, Basic Auto Maintenance; Woodworking Technology; Computer Aided Design. Science, Technology, Engineering, Mathematics (STEM) Curriculum is offered among the three departments.

### WORLD LANGUAGES

French I, II & IIB, French III & French IIIB, Honors French IV, French IV – View of France, French IV – The French Speaking World, AP French, Spanish I, II & IIB, Spanish III & IIIB, Honors Spanish IV, Spanish IV - View of Spain, Spanish IV -The Spanish Speaking World, AP Spanish, Latin I, II, Latin III, Honors Latin IV, AP Latin, Roots