

## Course Summary for 2018-2019

\*\*Please refer to the *Program of Studies* for course details and graduation requirements\*\*

| Department                      | Course Title                                  | For Grades: | Credit Per Course     | Prerequisites & other comments                          |
|---------------------------------|---|-------------|-----------------------|---|
| <b><i>English</i></b>           |   |             |                       |   |
|                                 | English 9 - Inequity, Adolescents & Community | 9           | 1                     |   |
|                                 | English 9 - My Life in Vermont                | 9           | 1                     |   |
|                                 | English 10                                    | 10          | 1                     | English 9   |
|                                 | English 11                                    | 11          | 1                     | English 10  |
|                                 | American Studies - English (AC)               | 11          | 1                     | English 10  |
|                                 | Social Justice                                | 12          | 1                     | English 11 or American Studies (AC)                     |
|                                 | Business Finance                              | 11 & 12     | .5 English<br>.5 Math | *This course is an Innovation Lab                       |
|                                 | English Literature & Composition (AP)         | 11 & 12     | 1.5                   | English 10 or teacher recommendation                    |
|                                 | English Composition (DE)                      | 11 & 12     | 1                     | Sophomore English                                       |
| <b><i>English Electives</i></b> |   |             |                       |   |
|                                 | Creative Writing                              | 9-12        | .5                    |   |
|                                 | Film Studies                                  | 10-12       | .5                    | English 10<br>*Can satisfy ½ of an English requirement. |
|                                 | Public Speaking & Debate                      | 10-12       | .5                    | English 10<br>*Can satisfy ½ of an English requirement. |

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|---|---|-------|----|--|
| <b><i>English Electives (cont.)</i></b> |   |       |    |  |
|   | Sports Literature   | 11-12 | .5 | English 10<br>*Can satisfy ½ of an English requirement.  |
|   | Theater I-IV  | 9-12  | 1  | *Can satisfy English elective or Fine Arts credit  |
|   | See It Now: The <i>Green Horn Live television broadcast</i> | 9-12  | 1  | *Can satisfy ½ of an English requirement.  |
|   | Truth Be Told: the <i>Green Horn publication</i>            | 9-12  | 1  | *Can satisfy ½ of an English requirement.  |
| <b><i>Math</i></b>                      |   |       |    |  |
|   | Foundations   | 9-10  | 2  | *Students will earn 1 math credit and 1 elective credit.   |
|   | Algebra 1 Part A  | 9-12  | 1  | *Students MUST complete Alg. 1 Part B; therefore, the credit earned for Alg. 1 Part A will be elective credit. |
|   | Algebra 1 Part B  | 9-12  | 1  |  |
|   | Algebra 1   | 9-12  | 1  |  |
|   | Geometry  | 9-12  | 1  | Algebra 1 or Algebra 1 Part B  |
|   | Geometry (yearlong)   | 9-12  | 2  | *Students will earn 1 math credit and 1 elective credit.   |
|   | Algebra II  | 9-12  | 1  | Geometry   |
|   | Advanced Algebra II (AC)                                    | 9-12  | 1  | Geometry & teacher recommendation  |
|   | Pre-Calculus (AC)   | 10-12 | 1  | Advanced Algebra II or Algebra II  |

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|---------------------------------|--|---------|-----------------------|--|
| <b><i>Math (cont.)</i></b>      |  |         |                       |  |
|                                 | Calculus (AP and/or DE)                    | 10-12   | 1 (DE)<br>1.5 (AP)    | *DE Calculus is the first semester of the course. Students wanting to do the AP portion must continue on to the second semester.   |
|                                 | Statistics (AP and/or DE)                  | 10-12   | 1 (DE)<br>1.5 (AP)    | *DE Statistics is the first semester of the course. Students wanting to do the AP portion must continue on to the second semester. |
|                                 | Business Finance                           | 11 & 12 | .5 English<br>.5 Math | *This course is an Innovation Lab  |
|                                 | Statistics                                 | 9-12    | .5 or 1               | Algebra 1  |
|                                 | Your Brain on School                       | 10-12   | .5 SS<br>.5 Math      | *This course is an Innovation Lab  |
|                                 | Technology & Math for the 21st Century     | 9-10    | .5                    | Elective credit ONLY - Will <b><i>NOT</i></b> fulfill math elective requirement for graduation.                                    |
| <b><i>Science</i></b>           |  |         |                       |  |
|                                 | Introduction to Chemistry & Physics        | 9       | 1                     |  |
|                                 | Biology                                    | 9-12    | 1                     | Introduction to Chemistry & Physics  |
|                                 | Earth & Space Science                      | 9-12    | 1                     | Biology  |
| <b><i>Science Electives</i></b> |  |         |                       |  |
|                                 | Introduction to Chemistry (with DE option) | 10-12   | 1                     | ICAP; Biology & at least concurrent enrollment in Algebra II   |
|                                 | Advanced Biology: Cells & Genetics (AC)    | 11-12   | 1                     | Biology (with a recommended B- or better)  |

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|---|--|-------|----|---|
| <b><i>Science Electives (cont.)</i></b> |  |       |    |   |
|   | General Physics (with DE option)                                     | 10-12 | 1  | ICAP & Algebra II (with a recommended B- or better)                     |
|   | Human Anatomy & Physiology (AC)                                      | 10-12 | 1  | Biology   |
|   | Forensic Science   | 10-12 | 1  | Biology   |
|   | Astronomy  | 9-12  | .5 |   |
|   | A Walk on the Wildside: Nature, Community and Environmental Research | 10-12 | 1  | *This course is an Innovation Lab                                       |
| <b><i>Social Studies</i></b>            |  |       |    |   |
|   | Civics, Society & Government   | 9     | 1  |   |
|   | US History   | 10    | 1  | Civics, Society & Government  |
| <b><i>Social Studies Electives</i></b>  |  |       |    |   |
|   | American Studies- Social Studies (AC)                                | 11    | 1  | Sophomore US History; concurrent enrollment in American Studies English |
|   | America Since 1945 (AC)  | 11-12 | 1  | US History or American Studies  |
|   | Global Flashpoints   | 9-12  | .5 |   |
|   | Contemporary Issues  | 9-12  | .5 |   |

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|--|---------------------------------------|-------|--------------------|---|
| <b><i>Social Studies Electives (cont.)</i></b> |                                       |       |                    |   |
|  | Know Your Self, Your Brain, Your Life | 10-12 | 1                  | Sophomore US History  |
|  | Intro. to Psychology (DE and/or AP)   | 10-12 | 1 (DE)<br>1.5 (AP) | Sophomore US History  |
|  | Your Brain on School                  | 10-12 | .5 SS<br>.5 Math   | Civics, Society & Government<br>*This course is an Innovation Lab           |
|  | Building a Better Springfield         | 10-12 | 1                  | Civics, Society & Government<br>*This course is an Innovation Lab           |
|  | Food & Social Justice                 | 10-12 | 1                  | Civics, Society & Government<br>*This course is an Innovation Lab           |
|  | Art as Control; Art as Rebellion      | 10-12 | .5 SS<br>.5 Art    | Civics, Society & Government and Art I<br>*This course is an Innovation Lab |
|  | Immigration & Migration               | 10-12 | 1                  | Civics, Society & Government<br>*This course is an Innovation Lab           |
| <b><i>World Languages</i></b>                  |                                       |       |                    |   |
|  | Introduction to World Languages       | 9-12  | 1                  |   |
|  | Spanish I                             | 9-12  | 1                  |   |
|  | Spanish II                            | 9-12  | 1                  | Spanish I   |
|  | Spanish III (DE)                      | 10-12 | 1                  | Spanish II  |
|  | Spanish IV (AC)                       | 11-12 | 1                  | Spanish III (DE)  |

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|--------------------------------------|--|-------|----|--|
| <b><i>World Language (cont.)</i></b> |  |       |    |  |
|                                      | Spanish V (AC)                         | 11-12 | 1  | Spanish IV (AC)  |
|                                      | French I                               | 9-12  | 1  |  |
|                                      | French II                              | 10-12 | 1  | French I   |
|                                      | French III (DE)                        | 10-12 | 1  | French II  |
|                                      | French IV (AC)                         | 11-12 | 1  | French III (DE)  |
|                                      | French V (AC)                          | 11-12 | 1  | French IV (AC)   |
| <b><i>Visual Arts</i></b>            |  |       |    |  |
|                                      | Art I: Methods and Materials           | 9-12  | .5 |  |
|                                      | Art II: Elements and Principles of Art | 9-12  | .5 | Art I OR teacher recommendation OR ½ art credit                |
|                                      | Art III: Drawing                       | 9-12  | .5 | Art II or Art I with teacher recommendation OR ½ credit of art |
|                                      | Art III: Painting                      | 9-12  | .5 | Art II or Art I with teacher recommendation OR ½ credit of art |
|                                      | Art III: Darkroom Photography          | 10-12 | .5 | Art II OR 2&3 Design OR Advanced Art                           |
|                                      | Art III: Digital Imaging               | 9-12  | .5 | Art II or Art I with teacher recommendation OR ½ credit of art |
|                                      | Art IV: Advanced Art                   | 11-12 | 1  | 1.5 art credits including drawing or painting                  |
|                                      | Art V: Portfolio Art                   | 11-12 | 1  | Advanced Art or 2 art credits                                  |

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|------------------------------------|---|-------|-----------------------|---|
| <b><i>Visual Art Electives</i></b> |   |       |                       |   |
|                                    | Murals & The Community                        | 9-12  | .5                    | Art I or teacher recommendation   |
|                                    | Comics & Cartooning: A Guide to Illustrations | 9-12  | .5                    | Art 1 or teacher recommendation   |
|                                    | Art as Control; Art as Rebellion              | 10-12 | .5 Art<br>.5 SS       | Civics, Society & Government and Art I<br>*This course is an Innovation Lab |
|                                    | Coding & Game Design I                        | 10-12 | .5 Art<br>.5 Elective | Art 1 or ½ credit in Music  |
|                                    | Coding & Game Design II                       | 10-12 | .5 Art<br>.5 Elective | Coding & Game Design I  |
| <b><i>Music</i></b>                |   |       |                       |   |
|                                    | Wind Ensemble                                 | 9-12  | .5/1                  | Teacher approval  |
|                                    | Chorus  | 9-12  | .5                    |   |
|                                    | Madrigal Singers                              | 9-12  | 1                     | Audition  |
|                                    | Applied Private Lessons/Small Ensemble        | 9-12  | .5                    | Section interview   |
|                                    | Drum Class                                    | 9-12  | .5                    |   |
|                                    | Sonic Sandbox                                 | 9-12  | .5                    | VTVLC course - taught part online and part by music                         |
|                                    | Music Composition & Song Writing              | 9-12  | .5                    | VTVLC course - taught part online and part by music                         |
|                                    |   |       |                       |   |

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|                                  |                                    |       |     |   |
|----------------------------------|------------------------------------|-------|-----|---|
| <b><i>Physical Education</i></b> |                                    |       |     |   |
|                                  | Introduction to Physical Education | 9     | .5  |   |
|                                  | Personal Fitness                   | 10-12 | .5  | Introduction to PE  |
|                                  | Offseason Training                 | 10-12 | .5  | Introduction to PE; MUST be a member of a SHS sports team or have permission from the PE department                                   |
|                                  | Team Sports                        | 10-12 | .5  | Introduction to PE  |
|                                  | Lifetime Activities                | 10-12 | .5  | Introduction to PE  |
|                                  | Varsity Team Sports Management     | 10-12 | .5  | MUST be a member of a Varsity Team and follow the application process for enrollment.   |
| <b><i>Health</i></b>             |                                    |       |     |   |
|                                  | Intro to Wellness (Health I)       | 9-12  | .5  |   |
|                                  | Personal Health (Health II)        | 9-12  | .5  |   |
|                                  | Wellness for Life (AC)             | 11-12 | 1   | Health I & Health II  |
|                                  | Independent Living                 | 12    | .5  | Health I & Health II  |
| <b><i>Driver Education</i></b>   |                                    |       |     |   |
|                                  | Driver Education S1 & S2           | 9-12  | .25 | *Students MUST supply the counseling office with a copy of their permit by 8/15/18 for the S1 course and by 1/5/19 for the S2 course. |
|                                  | Digital Citizenship                | 9-12  | .25 | Concurrent enrollment in driver education (required for all students enrolled in driver education).                                   |



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| <b>Misc.</b>       |  |       |        |   |
|                    | Yearbook Production                    | 9-12  | 1      |   |
|                    | Learning Center                        | 9-12  | .5     | *Required for all special education students.                           |
|                    | Academic Resource Center               | 9-12  | .5     | Teacher recommendation  |
|                    | Teacher Aide                           | 10-12 | .25/.5 | .25 credit for every-other day courses; .5 credit for every day courses |
|                    | Tutor                                  | 10-12 | .5/1   | .5 credit for every-other day courses; 1 credit for every day courses   |
|                    | Independent Study                      | 9-12  | .5/1   |   |
|                    | Online/OnCampus DE Course              | 11-12 | 1      | *See Mrs. Davenport   |
|                    | Internship/Work-Based Learning         | 11-12 | .5/1.0 | *See Mrs. Davenport   |
| <b>RVIC Intro.</b> |  |       |        |   |
|                    | Introduction to Audio Video Production | 9-12  | .5     |   |
|                    | Introduction to Business               | 9-12  | .5     |   |
|                    | Introduction to Information Technology | 9-12  | .5     |   |
|                    | Introduction to Carpentry              | 9-12  | .5     |   |
|                    | Introduction to Criminal Justice       | 9-12  | .5     |   |
|                    | Introduction to Culinary Arts          | 9-12  | .5     |   |
|                    | Introduction to Engineering            | 9-12  | .5     |   |

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|--------------------|-----------------------------------|-------|----|--|
|                    | Introduction to Health Careers    | 9-12  | .5 |  |
|                    | Introduction to Horticulture      | 9-12  | .5 |  |
|                    | Introduction to Human Services    | 9-12  | .5 |  |
|                    | Introduction to Industrial Trades | 9-12  | .5 |  |
|                    |                                   |       |    |  |
| <b><i>RVIC</i></b> |                                   |       |    |  |
|                    | PreTech Exploratory               | 9-10  | 3  | Students earn 1 math elective credit and 2 elective credits.                             |
|                    | Audio Video Production I          | 10-12 | 3  |  |
|                    | Audio Video Production II         | 11-12 | 4  | AVP I<br>*3 elective credits + 1 embedded Science elective credit                        |
|                    | Business & Financial Services I   | 10-12 | 3  | *Grade 10 must have an interview & permission from the instructor.                       |
|                    | Business & Financial Services II  | 11-12 | 4  | Business & Financial Services I<br>*3 elective credits + 1 embedded Math elective credit |
|                    | Carpentry I                       | 11-12 | 3  | Algebra I or concurrent enrollment with instructor permission                            |
|                    | Carpentry II                      | 12    | 4  | Carpentry I<br>*3 elective credits + 1 embedded Math elective credit                     |
|                    | Criminal Justice I                | 11-12 | 3  |  |
|                    | Criminal Justice II               | 12    | 4  | Criminal Justice I<br>*3 elective credits + 1 embedded Social Studies elective cr.       |
|                    | Culinary Arts I                   | 10-12 | 3  | *Grade 10 must have an interview & permission from the instructor.                       |

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|  | Culinary Arts II                     | 11-12 | 4 | Culinary Arts I<br>*3 elective credits + 1 embedded Math elective credit   |
|  | Engineering I                        | 10-12 | 3 | Algebra I or concurrent enrollment   |
|  | Engineering II                       | 11-12 | 4 | Engineering I<br>*3 elective credits + 1 embedded Math elective credit   |
|  | Health Careers I                     | 11-12 | 3 | Biology; Algebra 1 (recommended)   |
|  | Health Careers II                    | 12    | 4 | Health Careers I<br>*3 elective credits + 1 embedded Science elective credit   |
|  | Horticulture & Natural Resources I   | 10-12 | 3 | *Grade 10 must have an interview & permission from the instructor.   |
|  | Horticulture & Natural Resources II  | 11-12 | 4 | Horticulture I<br>*3 elective credits + 1 embedded Science elective credit   |
|  | Human Services I                     | 10-12 | 3 |  |
|  | Human Services II                    | 11-12 | 4 | Human Services I<br>*3 elective credits + 1 embedded Social Studies elective cr.   |
|  | Industrial Trades I                  | 11-12 | 3 | Algebra I  |
|  | Industrial Trades II                 | 12    | 4 | Industrial Trades I<br>*3 elective credits + 1 embedded Math elective credit.  |
|  | Advanced Manufacturing Program I     | 10-12 | 3 | *Grade 10 must have an interview & permission from the instructor.   |
|  | Advanced Manufacturing II            | 11-12 | 4 | Advanced Manufacturing I<br>*3 elective credits + 1 embedded Math elective credit.   |
|  | Technology Essentials                | 10-12 | 3 | *Grade 10 must have an interview & permission from the instructor.   |
|  | Hands On Computer Systems/Website II | 11-12 | 4 | Technology Essentials I is required in order to earn the embedded credit, but is not a prerequisite of the course.<br>*3 elective credits + 1 embedded Math elective credit. |

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