



# GREENFIELD HIGH SCHOOL

21 BARR AVENUE, GREENFIELD, MASSACHUSETTS 01301

413-772-1350

Fax: 413-774-6204

*Karin Patenaude*  
*Principal*

*Guidance Counselors*  
*Siobhan Fitzgerald*  
*Shelly DeMeo*

Dear Students:

We are pleased to present to you the Greenfield High School Program of Studies for the 2019-2020 academic year. Our faculty and staff are especially happy to welcome the Class of 2023 to Greenfield High School. It is our goal to build a positive school climate that allows for all students to achieve academically and to enrich their life through the exploration of a wide range of course offerings.

Our 2019-2020 Program of Studies reflects our school's Core Values, Beliefs and Learning Expectations. Please take the time to look carefully at all the offerings and check for the proper sequencing in departments. Certain courses are needed for high school graduation in Massachusetts. Other courses allow students to follow their dreams and try new areas of learning.

Your careful attention to the course selection process will help us to develop an educational program which will best meet the needs of each individual student. Graduation requirements are detailed in this catalogue and should be tracked yearly using the worksheet in the back.

Students will be registering online during the spring. We will be making decisions regarding teacher assignments, number of course sections, and the specific placement of courses in the master schedule based on student selections. It is for this reason that students need to be thoughtful in their selections and provide alternative selections on their registration sheets. After the students make their selections, they will print their selection page and bring it home for parents/guardians to review. The selections will be reviewed by the student's guidance counselor and current teachers to confirm the students have met the required prerequisites. We encourage you to call the guidance department to discuss concerns or to plan for future academic success.

Greenfield High School has an excellent educational program taught by a dedicated and highly qualified staff. Our high school is committed to providing each student an individualized, enriching education. We look forward to having an exciting high school program for you at Greenfield next year.

Sincerely,  
Karin Patenaude

## *A Note From Your Guidance Counselors....*

Welcome to Greenfield High School. This is an exciting place to be. Our Program of Studies has innovative, exciting, and challenging courses. We have added several ways that a student can accelerate their studies by offering the following opportunities:

- As an upperclassman, take college courses at Greenfield Community College earning high school graduation credits and college credits simultaneously!
- Explore a subject of choice in depth through mentoring and independent study opportunities with experts in the field.

The Guidance Department's mission is to work closely with each student by planning a four-year program of study that not only meets our rigorous credit and course requirements, but also furthers students' future plans and desires. So, whether you anticipate attending a four-year university, a two-year college, or embarking on a technical career, Greenfield High School is an excellent choice to meet your goal!

Please review our courses, review the graduation requirements and use the sample four-year plan sheet to create a tentative plan of study that will serve as point of discussion at home and with your guidance counselor.

We are looking forward to crafting a special plan for each of our students for next year.

Sincerely,

Siobhan FitzGerald

Shelly DeMeo

Siobhan FitzGerald  
Guidance Counselor  
Greenfield High School

Shelly DeMeo  
Guidance Counselor  
Greenfield High School



GREENFIELD HIGH SCHOOL  
21 Barr Avenue  
Greenfield, MA 01301



## Core Values, Beliefs, and Learning Expectations

### Values

Greenfield High School is committed to creating a learning environment where all members work independently and collaboratively to prepare for success in the 21<sup>st</sup> century. The program of studies builds confidence, encourages curiosity, and enhances students' perseverance in achieving their goals. The school community promotes integrity, nurtures compassion, and develops respect for diversity.

### Beliefs

- All students can learn, succeed, and create.
- A safe and supportive environment is necessary for students to take academic risks.
- Meaningful connections to students' lives create effective learning.
- Varied instructional methods and assessments engage the greatest number of students.
- Families and the larger community can contribute to the enrichment and well-being of students.
- Informed members of society are grounded in knowledge of the past and the ideals of democracy.

### 21<sup>st</sup> Century Learning Expectations

The students of Greenfield High School will be expected to:

#### Academic

1. Communicate effectively (write, speak, create, read, listen, and view).
2. Think critically and creatively to solve problems.
3. Use effective research methods.
4. Appropriately use relevant technology.
5. Utilize efficient techniques for organization and study.

#### Social

1. Act with respect, integrity, and compassion.
2. Exhibit positive decision making and accountability for actions.
3. Demonstrate teamwork and cooperation.

#### Civic

1. Understand their rights and responsibilities as citizens, be engaged as active participants in the democratic process, and contribute positively to the common good of society.
2. Be culturally sensitive, appreciate diversity, and formulate viewpoints that reflect a global perspective.

# **PROGRAM OF STUDIES**

## **Table of Contents**

<b><u>Department</u></b>	<b><u>Page</u></b>
Art Studies	7
Technical Education Studies	10
English Studies	13
English as a Second Language	17
Mathematical Studies	17
Music Studies	21
Science Studies	23
History/ Social Sciences Studies	27
Health/ Wellness Education	30
Industrial Arts	31
World Language Studies	31
Guidance Department	34
Student Support Programs	35
Unique Programs	36
Transition Program	37
Your 4 Year Plan	38

## **STUDENTS AND PARENTS/GUARDIANS**

This Program of Studies booklet has been prepared to provide you and your parents/guardians with valuable information about course offerings and program planning at Greenfield High School. The decisions you make here are some of the most important you will ever make as they have a great deal of impact on your future. Make your selections as challenging as possible taking into consideration your special interests and abilities, your future educational plans, and your future career plans.

Each year you will register for courses on-line in the computer lab with a guidance counselor present to assist you.

### **COURSE LOAD**

All students are required to elect a maximum of seven (7) courses for the school year. Six (6) courses per year are needed to meet graduation requirements. Students who need a period for studying, community service, or independent study may arrange this through guidance; however, we prefer students take advantage of the many courses and electives we offer.

### **COURSE AVAILABILITY**

While we will endeavor to meet all requests, please understand that due to conflicts among courses, limited enrollment, and combinations of courses selected, it is not possible to schedule every student for every class selected. The number of courses you select that have only one section greatly increases the likelihood that you will not be able to schedule all of these courses. Therefore, give serious consideration to selecting appropriate alternative courses, as they will be used if it is impossible to schedule your preferred electives. The availability of elective courses is contingent upon enrollments and the availability of staff.

### **ADVANCED PLACEMENT (AP) COURSES**

Next year we will offer grade 11 and 12 AP courses in U.S. History, Calculus, English Language, English Literature, Spanish, Chemistry, Biology, Environmental Science and Statistics. These courses are rigorous, demanding programs sponsored by the College Board. All students taking AP courses across the country follow the same curricula. These courses allow students to take college-level courses while in high school. At the completion of the course, an examination is administered for which students have the opportunity to earn college credit or appropriate placement in college. Each college, however, determines how it will use the AP Examination results. Students are responsible for the associated testing fees. You will need to get department approval in each of these subjects in order to take the course in that specific area.

## **CREDITS NEEDED TO GRADUATE: 120 Credits**

### **DISTRIBUTION OF GRADUATION REQUIREMENTS**

**See Credit Distribution and Additional Information Below**

- a. Four (4) sequential 5.0 credit English courses
- b. Three (3) 5.0 credit Math courses
- c. Three (3) 5.0 credit Science courses
- d. Three (3) 5.0 credit Social Studies courses
- e. Two (2) 2.5 credit Health courses
- f. Four (4) 2.5 credit Wellness courses
- g. One 2.5 credit Technology course
- h. 10 credits Arts and Humanities courses
- i. 27.5 credits additional courses

For college bound students, it is recommended that students take four years in all core subject areas including world language. We encourage all students to explore a rich array of electives and fields of study.

### **Credit Distribution and Additional Information**

1. The Science requirement must include:
  - a. Life Science
  - b. Physical Science
  - c. At least one Additional Science

College bound students are encouraged to take either physical science or chemistry after grade 9. Double courses in science are allowed, e.g. to prepare for a college major in engineering, pre-med, research biology, etc.

2. The Social Studies requirement must include:
  - a. World History
  - b. U.S. History I
  - c. U.S. History II/AP U.S. History

3. The Humanities/Arts requirement can be met by any of the courses from one or more of the following departments:
  - a. Art
  - b. World Language
  - c. Music
  - d. Other –business, film studies, textile arts, culinary arts, etc.

The Health/Wellness requirement must include:

- a. 1 Semester Health A (recommended for grade 9)
- b. 1 Semester Health B (recommended for grade 10)
- c. 2 Semesters Wellness (recommended for grade 9 or 10)
- d. 2 Semesters Wellness (recommended for grade 11 or 12)

## **POLICY ON EARLY GRADUATION REQUIREMENTS**

Students who complete graduation requirements by the end of the first semester of their senior year may only be exempt from attending classes at Greenfield High School during the second semester if they notify guidance of their intent to graduate early and receive principal approval by the end of their junior year.

## **ART STUDIES**

All art courses are discipline-based which means that in these courses you will not only be studying the production of art, but you will also learn three other components of the discipline. You will study art history, critical analysis and aesthetics. Each will be tailored to the course being taught.

### **ART225 TWO-DIMENSIONAL DESIGN 1**

**Semester Course      Grades 9-12      2.50 Credits**

2-D Design #1 is a basic course that explores the elements and principles of two-dimensional design. While there are various mediums employed, the primary focus is learning what comprises art and design compositions. The elements of line, shape, value, color, form, texture, and space are studied, and how they are organized with the principles of art: balance, contrast, emphasis, movement, pattern, rhythm, and unity. Assignments are to provide an understanding of good design, and allow room for creativity and problem solving. This course is a prerequisite for Printmaking, Painting, Drawing, and Two-Dimensional Design 2.

### **ART226 TWO-DIMENSIONAL DESIGN 2**

**Semester Course      Grades 10-12      2.50 Credits**

**Prerequisite: Two-Dimensional Design 1**

2-D Design #2 is a more in-depth foundations course that relies on your knowledge of the elements and principles of two-dimensional design learned in 2-D Design #1. This course explores various artists and art movements, which become the basis for assigned projects; various mediums are employed. Assignments are to provide an understanding of good design, allow room for creativity and problem solving, while gaining insight into specific art movements, artists, and cultures throughout time. The development of conceptualization within the framework of assignments is emphasized. There will be associated research assignments that will require written factual assessments of the particular artists, movements, etc. being studied. 2-D Design #1 is required, with a grade of C or higher, prior to taking this class.







**TEC449****GHS TV**

Semester Course

Grades 9-12

2.50 Credits

Students will collaborate to create a weekly newscast which will serve as the base from which we will create other content. Students will work in a TV studio setting to create content for the GHS community. They will practice using cameras, audio equipment, video switchers, and non-linear editing software.

**TEC528****DOCUMENTARY PRODUCTION**

Semester Course Grades 9-12

2.5 Credits

This specialized video production course is for students who have already taken Video Production 1. This course will focus on documentaries and informational films and videos. We will study the historical evolution of documentary type media in our culture and produce our own non-fiction videos.

**TEC903****GREEN WAVE PRODUCTIONS (Yearbook)**

Semester Course

Grades 9-12

2.50 Credits

Green Wave Productions is a multimedia, technology-based inter-disciplinary productions course. Students will be responsible for the production of the school yearbook--the Evergreen; and student, family, and community communication. Students enrolled in this course will apply communication skills, both written and visual, and use technology to create a market a real-world product of historic value. Students in this course learn about and produce a real life product that will reflect our school community and society today. Today's yearbook records events through articles, contemporary layout and design, headlines, option, graphics and photos. Another primary element is the emphasis on public relations, marketing and promotions, with Greenfield High School and its programs and students as the subject.

**TEC402****EXPLORING COMPUTER SCIENCE**

Semester Course

Grade 9-12

2.50 Credits

In this class, students will be introduced to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be used to solve particular problems. The goal of the class is to develop in students the computational practices of algorithm development, problem solving, and programming within the context of problems that are relevant to the lives of today's students. (Adapted from ECS v.7)

**TEC527****TV PRODUCTION: THE SITCOM**

Semester Course

Grades 9-12

2.5 Credits

Students in this class create multiple episodes of a situation comedy. They explore humor and satire while working as a team. The episodes will be shown on Greenfield Community Television.



welders and torches are introduced and practiced. This is a good foundation of skills for students interested in engineering, science, and design.

## ENGLISH STUDIES

The English curriculum at Greenfield High School is designed to provide students with reading, writing, language and applied-communication experiences that will help them prosper as individuals and members of society. The writing program aims the students toward the discovery of self, the ability to think critically, a greater awareness of personal and universal issues, and a preparation for success in technical fields. It encourages clear, concise, correct and meaningful expression. The literature program tends toward asserting the power of the printed word, and its potential to teach, entertain, inspire, and replenish the human spirit. The objectives and goals of the program are consistent with the English Language Arts Curriculum Frameworks.

### **ENG101            ENGLISH 9**

**Full Year Course    Grade 9**

**5.00 Credits**

**Independent summer reading will be assigned. Students will need to read two books from the summer reading list.**

Four major literary genres---the novel, the poem, the short story and the play---define the reading component of the course. The literature presents students with opportunities for writing, class discussion, and interpretation. In addition, it re-acquaints them with primary literary devices, including symbolism, irony and figurative language.

English 9 is an introductory course wherein students first get significant practice in writing literary analysis. The main focus is on the content; accessing it, organizing it, communicating it, and proofreading it for grammar, usage, mechanics, spelling and sentence conciseness.

From the basic paragraph, the students will move to the short, three-division essay. They will learn and incorporate introductions, claims, counterclaims and rebuttals into their writing.

### **ENG103            ADVANCED ENGLISH 9**

**Full Year Course    Grade 9**

**5.00 Credits**

- **Students who sign up for this course may do so only with permission of the eighth grade teacher.**
- **The readings will be chosen by the English Department and integrated into the freshman course in September.**
- **An essay of substance will be assigned along with the reading.**
- **Independent summer reading will be assigned. Students will need to read two books from the summer reading list.**
- **Requests include: a minimum of a B+ average overall and scoring in the top quartile (25%) of NWEA MAP Reading Comprehension Test**

Students will read a rich variety of works selected from the canon of Western literature. They will write several critical essays, analyzing the literature in depth.

Provided for the students will be a list of chosen by the department and integrated into their sophomore course.

## **ENG200            ENGLISH 10**

**Full Year Course    Grade 10**

**5.00 Credits**

**Independent summer reading will be assigned.**

This course is organized around several essential questions about specific genres of writing (novel, drama, poetry, and literary and informative nonfiction) as well as how literature is a reflection of the human experience. Students will read a variety of full-length novels and plays as well as shorter texts such as short stories, poems, and articles that thematically relate to the unit's essential questions. Students will write a variety of essays through a number of different revisions. Discussion and oral presentations will also be essential components of the course.

## **ENG203            ADVANCED ENGLISH 10**

**Full Year Course    Grade 10**

**5.00 Credits**

- **Students who sign up for this course may do so only with permission of the GHS English Department.**
- **Independent summer reading will be assigned. Students will need to read two books of their choice.**

This is a rigorous and fast-paced class designed for strong English students working to further improve and refine their reading, writing, and speaking skills. While this class covers the same MA English Language Arts Standards as English 10, students will be engaging with texts at a deeper and more complex level, and you will be expected to work with a higher level of independence and mastery.

## **ENG300            ENGLISH 11**

**Full Year Course    Grade 11**

**5.00 Credits**

This course will focus on major themes in American and some world literature. Students will read and compare various important American authors, writing after 1900, connecting the themes presented with the important historical context surrounding the texts. Frequent writing about and in response to the literature will be assigned.

## **ENG523            SHAKESPEARE IN LITERATURE AND PERFORMANCE**

**Semester Course    Grade 9-12**

**2.50 Credits**

William Shakespeare is arguably the most influential playwright in the English language, and even four centuries later, his plays continue to be an incredible exploration of what it means to be human. This course takes a performance-based approach to the study of the Bard's works, meaning that your study of the texts will be based on the perspective of the actor and director and will involve close reading, word work, analysis, memorization, character work, staging, directing and performance. We will explore plays that are not covered in our English classes and will also delve into the history of the Elizabethan theater scene.

## **ENG303            ADVANCED PLACEMENT (AP) ENGLISH 11- LANGUAGE**

**Full Year Course    Grade 11**

**5.00 Credits**

- **Students who sign up for this course may do so only with permission of the GHS English Department.**
- **Students taking this course are required to read two major literary works over the summer.**

The readings will be chosen by the English Department and integrated into the junior course in September.

- **Two essays will be turned in to the instructor on the first day of class.**
- **Admission to the course requires teacher approval.**

Emphasis on the course will be preparation for passing to the “Advanced Placement Language and Composition” exam given in May. Students will study a variety of classic works of literature chosen by the teacher and recommended by the AP Committee. Frequent writing and careful analytical reading will provide preparation for success on both the AP and SAT exams. **THE AP EXAM IS REQUIRED.**

## **ENG333            ENGLISH 12**

**Full Year Course    Grade 12**

**5.00 Credits**

This course will focus on world literature, writing strategies, critical reading, critical thinking, research methods, and vocabulary building required for English Composition 101 and other first year, college-level courses. Students learn techniques for effectively and efficiently obtaining information from reading materials, especially textbooks. This course covers word processing and methods of using print texts, electronic texts, and databases, as well as techniques for evaluating those resources.

## **ENG410            ADVANCED PLACEMENT (AP) ENGLISH 12- LITERATURE**

**Full Year Course Grade 12**

**5.00 Credits**

- **Students who sign up for this course may do so only with the permission of the GHS English Department.**
- **Students taking this course are required to read three major literary works over the summer.**
- **The readings will be chosen by the English Department and integrated into the senior course in September.**
- **A series of written reflections will need to be submitted in August**

The Advanced Placement (AP) English Literature and Composition class is designed to provide interested and motivated students with the opportunity to read, analyze and discuss some of the greatest works of literature in the British and American canon as well as some notable works in translation. Through our close reading and analysis of a text’s structure, style and themes as well as elements such as tone, diction, syntax, figurative language, imagery and symbolism “students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers” (College Board Course Description).

While this class is deeply focused on close reading and analysis, there is also a strong writing component as you learn to effectively communicate your reflections, understandings, explanations, analysis and evaluations of texts with increasing sophistication.

This class is designed to mirror the pace and rigor of a first year undergraduate English class, and as such, you should expect an advanced level of work both in terms of quantity and difficulty. This class requires great effort, but if you apply yourself, you will be rewarded with a deep understanding of reading and writing that will serve you in college and beyond. **THE AP EXAM IS REQUIRED.**

## **ENG520 CREATIVE WRITING**

**2.50 Credits**

**Semester Course Grades 9-12**

This course is a writing elective for students who have a wide range of abilities and interests. It will cover all phases of creative writing from prewriting to drafting to editing and publishing. Students will explore the creative process by choosing their own topics and types of writing, trying out new techniques and skills, and reflecting on what does and doesn't work in their own writing.

In addition, exercises designed to help students develop their craft will be provided, stories, poems and plays by established writers will be read and analyzed for models, and the lives of established writers will be studied in order to gain a deeper understanding of the human desire to create literature

Presentations and discussions of student work will also be part of the course. Students will be responsible for creating a portfolio of their work in various genres during the course. Portfolio will consist of approximately 20 pages of original poetry, fiction, essay, drama, or screenplay taken from students' writing journals. Students should have worked through a suitable number of drafts of each portfolio piece so as to achieve publishable quality.

## **ENG516 FILM STUDIES**

**2.50 Credits**

**Semester Course Grades 9-12**

This course will introduce students to some of the major issues in film studies, including film analysis and approaches to film history and theory. In so doing, the course will consider questions of aesthetics, technology, politics, and even philosophy, as they play out in film and film studies.

Although we will not shy away from the technical aspects of film production or resist situating movies in their historical context, our ultimate goal is to learn something about the construction of movies and the role cinema plays in relating individuals to the values and assumptions of their culture. As an English elective, Film Studies aims to improve your written, spoken and analytical skills. In other words, you will discuss, analyze and write about film. You will take quizzes on vocabulary and on the films under discussion. You will write brief reviews of all films viewed.

## **EXPANSION OPPORTUNITIES:**

**A Sampling of English Courses offered through our collaborative with Greenfield Community College in our Dual Enrollment and Early Transitional Program:**

College Writing Strategies  
College Reading Strategies  
English Composition  
Exploring Literature and Creative Writing  
Gothic Literature  
Graphic Novel  
Ethnic Literature  
Survey of Latin American Literature

Modern Novel  
Survey of Children's Literature  
Modern Poetry  
Women in Literature I  
Women in Literature II  
American Literature in the Valley  
The Short Story  
Modern Novel

**Self-Designed Independent Research Opportunities are available for students on an individual basis with administrative approval.**

## **ENGLISH AS A SECOND LANGUAGE**

### **ELL101 & ELL102 BEGINNING**

**Semester Course    Grades 9-12**

**2.50 Credits**

This course is for students with little or no proficiency in English. Through use of oral presentations, role-plays and functional language activities, students develop listening and speaking skills in English. Students learn to communicate daily personal needs and converse in social situations on familiar topics. Students are introduced to the fundamentals of English grammar.

### **ELL201 & ELL202 INTERMEDIATE**

**Semester Course    Grades 9-12**

**2.50 Credits**

This course is designed for students who have completed or who are mastering the basic skills for English. Students learn to express their ideas through the writing process beginning with complete sentences, single paragraphs and progressing to multi paragraph compositions. Students learn to edit their own writing, study Basic English grammar, learn about fundamentals of punctuation and learn more spelling patterns.

### **ELL300 & ELL301 ADVANCED**

**Semester Course    Grades 9-12**

**2.50 Credits**

This class is designed for the more fluent English speaker who has or is almost ready to take regular English courses. Students will read short stories and short novels, practice writing in different genres (comparison/contrast; expository; business letter; book and movie review; etc.), and engage in debates on current issues.

## **MATHEMATICAL STUDIES**

Massachusetts state colleges and the university admissions standards require three (3) years of math. The Mathematics Department strongly urges students to take four (4) years of math to be competitive in both college and the workplace.

Students should complete Algebra 1 and Geometry to have the best preparation for the grade 10 Math MCAS. Students not reaching this level by the end of grade 10 will have supplementary material in their classes to improve their skills and will have additional opportunities for review, remediation and retakes as necessary.

### **MAT103            PRE-ALGEBRA**

**Full Year Course    Grade 9**

**5.00 Credits**

**Prerequisite: Placement test results and teacher recommendation**

In this course, we will explore mathematical concepts that are foundational for success in



### **recommendation of the Math Department**

This course is taught at an accelerated pace and is intended for students with a strong background in Algebra 1. It covers all Algebra 2 topics, with additional enrichment topics to better prepare students for advanced study in mathematics.

## **MAT450 PRE-CALCULUS**

**Full Year Course Grades 11-12**

**5.00 Credits**

**Prerequisite: 73 or better in Algebra 2**

This course prepares students for the study of Calculus. Students will learn to use a graphing calculator in the study of polynomial, rational, exponential, and logarithmic and trigonometric functions. Additional topics may include polar and parametric equations, conic sections, probability and statistics. A TI-83 or TI-84 graphing calculator is required.

## **MAT451 ADVANCED PRE-CALCULUS**

**Full Year Course Grades 10-12**

**5.00 Credits**

**Prerequisite: 87 or better in Adv. Algebra 2 and recommendation of the Math Department**

This course is taught at an accelerated pace and is intended for students with a strong background in mathematics. It covers all Pre-Calculus topics, with additional enrichment topics to better prepare students for Advanced Placement Calculus. A TI-83 or TI-84 graphing calculator is required.

## **MAT500 ADVANCED PLACEMENT (AP) CALCULUS**

**Full Year Course Grade 11-12**

**5.00 Credits**

**Prerequisite: 83 or better in Advanced Pre-Calculus, or Teacher Recommendation**

This course develops the student's understanding of calculus and provides experience with its methods and applications. The course emphasizes a multi-representational approach to Calculus with results and problems being expressed geometrically, numerically, analytically, and verbally. Topics include; 1) functions, graphs, and limits, 2) derivatives, 3) integrals, and 4) slope fields. Technology is used to explore, to confirm work, and to assist in interpreting results. Students registered for AP Calculus will be required to complete a summer assignment the summer prior to taking the class. A TI-83, TI-84, or TI-89 graphing calculator (recommended by The College Board) is required. **THE AP EXAM IS REQUIRED.**

## **MAT501 ADVANCED PLACEMENT (AP) STATISTICS**

**Full Year Course Grades 11-12**

**5.00 Credits**

**Prerequisite: 73 or better in Algebra 2, or Teacher Recommendation**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

A TI-83, TI-84, or TI-89 graphing calculator (recommended by The College Board) is required. **THE AP EXAM IS REQUIRED.**

## **MAT320            INTEGRATED MATHEMATICS FOR COLLEGE**

**Full Year Course Grade 12 only**

**5.00 Credits**

**Prerequisite: Completed Algebra 1 & Geometry**

**Placement exam and/or recommendation of the Math Department**

This course is designed for seniors who plan to attend a 2-year college after high school and need to improve their mathematical foundation. In the first semester, students use a variety of techniques to deepen their understanding of basic arithmetic operations, whole numbers, fractions, decimals, ratios, rates, proportions, and percent's. In the second semester, students study basic algebra topics that include the concept of a variable, negative numbers, properties of real numbers, numeric and algebraic expressions, linear equations and inequalities in one variable (including graphic representations), ratio and proportion, quadratic equations (with no linear term) in one variable, integer exponents (including scientific notation) and graphing of two-variable equations by plotting points. Students work with applications throughout the course to help them connect concepts to real world situations.

## **MAT325            FINANCIAL PLANNING**

**Semester Course    Grades 11-12**

**2.50 Credits**

Financial Planning is a course designed to prepare students to make positive financial decisions throughout their lives. Key topics in the course include managing your money, banking, student loans and debt, career planning, use of credit, paying taxes, buying a vehicle, homeownership v. renting, insurance, investments, including a stock market simulation, and life cycle issues, including identify theft and other money matters. Students may also examine financial current events and will create a financial budget for their lives as a final project.

## **BUS102            ACCOUNTING 1**

**Semester Course    Grades 10-12**

**2.50 Credits**

This introductory course will give students a thorough background in basic accounting procedures used for business or personal use. The accounting procedures presented will also serve as a sound background for employment in office jobs and preparation for studying business courses in college. Because the complete accounting cycle is covered for both proprietorships and partnerships, it is easy to see how each employee's job fits into the cycle for a business, an important qualification for employers.

## **BUS240            ACCOUNTING 2**

**Semester Course    Grades 10-12**

**2.50 Credits**

**Prerequisite: Successful completion of Accounting 1**

This course expands on topics learned in Accounting 1 while adding new topics about management accounting, cost accounting, not-for profit accounting, and financial analysis. The study of Accounting 2 helps qualify students for jobs and careers at higher levels than a one-year of study would allow. It is also an excellent background and preparation of college business majors. Research has proven that students who have successfully completed two years of high school accounting are more successful in their first year of college accounting than students without that background. In addition, the cost, budgeting, and financial analysis topics are useful tools for many career paths.

## **BUS404                    ENTREPRENEURIAL BUSINESS**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

This interactive, hands-on course provides students with an opportunity to explore the world of business and to develop entrepreneurial skills. The students will be provided all the tools needed to become a successful entrepreneur through the development of a personalized business plan. Some of the skills the students will develop throughout the course include: leadership, organizations, critical thinking, problem solving, and decision-making, and oral and written communication skills. Technological resources will be used to augment the learning. The skills and lessons learned are relevant for all students, not just those looking to study business in college.

### **EXPANSION OPPORTUNITIES:**

**A sampling of math courses offered through our collaborative with Greenfield Community College in our Dual Enrollment and Early Transitional Program:**

Basic Mathematic Skills

Mathematical Problem Solving

College Algebra

Mathematics for Early Childhood and Education

Introduction to Statistics

**Self-Designed Independent Research Opportunities are available for students on an individual basis with administrative approval.**

## **MUSIC STUDIES**

**MUS450**

**CONCERT BAND A**

**MUS451**

**CONCERT BAND B**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

The Band performs at football games, parades, concerts, and clinics. Among the objectives is the understanding of traditional harmony, harmonic progression, the role of rhythm, and styles of music performed by bands. Socially, students are expected to relate their efforts to the success of the group and to gain an understanding of how their participation in a large group contributes to the creation of an artistic performance. Section rehearsals and extra practices are mandatory to insure the success of the group. Attendance at public and school performances during the course of the year is expected.

**MUS130**

**CONCERT CHORUSA**

**MUS131**

**CONCERT CHORUSB**

**Semester Courses**

**Grades 9-12**

**2.50 Credits**

Chorus is offered to all students who have a desire to discover more about themselves through singing. Emphasis will be placed on the highest quality vocal ensemble music attainable by the given combination of students. Attendance at public and school performances during the course of the year is expected.

Socially, students are expected to relate their efforts to the success of the group as a

whole and to gain an understanding of how their individual efforts in a large group contribute to the creation of an artistic performance.

## **MUS511 BEGINNER GUITAR**

**Semester Course Grades 9-12 2.50 Credits**

This class will focus on learning the basic skills of playing acoustic, classical guitar. Other genres of music and its uses of guitar will be discussed later in the semester. Students will learn how to play cords, notes, and scales. Performing as a guitar ensemble will be one of the goals. Research on classical guitarists may also be included as one of the class projects. Each student will be assigned a guitar to use for class, but having your own would be good so you could get extra practice at home. No prior experience with music or guitar is needed for any student to join the class

## **MUS513 WIND ENSEMBLE A**

## **MUS515 WIND ENSEMBLE B**

**Semester Course Grade 9-12 2.50 Credits**

The wind Ensemble is an advanced band that performs at football games, parades, concerts, and clinics together with the concert band and as a separate ensemble. Beyond the goals of Concert Band, students in this ensemble will work on their individual progress on their instrument through etudes and solo works, chamber music, and delve deeper into advanced band music.

## **MUS518 Songwriting**

**Semester Course Grade 9-12 2.50 Credits**

No prior music experience is necessary. In this class, we will use Noteflight, a music writing website, to create original songs. Students will explore rhythm, chord progressions, instrument timbre, form and lyrics and learn how to use these elements artistically to express original ideas. Each student will have an opportunity to have one of their songs performed in public either at a school event or other venue.

## **EXPANSION OPPORTUNITIES:**

**A Sampling of Music Courses offered through our collaborative with Greenfield Community College in our Dual Enrollment and Early Transitional Program:**

An Introduction to Music  
Jazz Eras and Styles  
Music Theory Fundamentals  
Jazz and Pop Chorus  
Music Theory I  
Music Theory II  
Jazz Theory: Tools for Improvisation  
20<sup>th</sup> Century American Popular Music

World Music Ensemble  
World Music and Cultures  
Creative Musicianship  
American Popular Music Section  
History and American Pop Music  
Music Composition and Arranging  
Music Listening and Critique

**Self-Designed Independent Research Opportunities are available for students on an individual basis with administrative approval.**

# SCIENCE STUDIES

Massachusetts state college and university standards require at least three (3) years of science. The GHS Science Department requires (3) years of science for graduation, and strongly recommends students take four (4) years of science to be competitive in both college and the workplace.

## Two Required Courses for freshmen and sophomores

- 9<sup>th</sup> Grade Science Requirement –Physics or Advanced Physics
- 10<sup>th</sup> Grade Science Requirement – Biology or Advanced Biology

## Courses for juniors and seniors

Advanced Chemistry

Chemistry

AP Chemistry

AP Biology

AP Physics

AP Environmental Science

Sustainable Energy Systems

Permaculture

## SCI300 PHYSICS

Full Year Course Grade 9

5.00 Credits

Physics is a required course for all freshmen. Student will take the Introductory Physics MCAS in the spring to satisfy graduation requirements. The course is presented in familiar English and includes lectures, discussions, and laboratory investigations. Students will learn concepts that connect readily to the real world and further science study including: kinematics, dynamics, conservation laws, thermodynamics, waves, and electricity and magnetism. Content will be explored conceptually and algebraically. Students will emerge with a refined understanding and appreciation of how the world works and some of nature's basic rules.

## SCI310 ADVANCED PHYSICS

Full Year Course Grade 9

5.00 Credits

This college preparatory course is designed for freshmen who wish to further their understanding in the fields of science and mathematics. Students enrolled in this section will enjoy the benefit of a faster paced class along topic extensions that range from real world applications to mathematical theorems. The format of the class and topics covered are listed in the Physics description above.

## SCI200 BIOLOGY

Full Year Course Grade 10

5.00 Credits

This course, or the Advanced Biology course, is required for all sophomores. This course is divided into six major modules including, basic concepts of the chemistry of life, cellular biology, genetics, evolution and animal body systems. Using a hands-on laboratory-based approach to the life sciences, students begin with various investigations to set a foundation of good scientific research and experimentation. The first semester will involve an overview of evolution, biochemistry, and cytology. The second semester continues with in-depth studies that relate to personal well-being which includes genetic, human anatomy, and ecology.

Students enrolled in this course and have not successfully completed the Massachusetts State Competency test will take the biology MCAS test in the spring to meet graduation requirements.

## **SCI210                    ADVANCED BIOLOGY**

**Full Year Course    Grade 10**

**5.00 Credits**

This accelerated course is designed for all sophomores preparing for science as a major in college. This course is divided into six major modules including, basic concepts of the chemistry of life, cellular biology, genetics, evolution and animal body systems. Using a hands-on laboratory-based approach to the life sciences, students begin with various investigations to set a foundation of good scientific research and experimentation. The first semester will involve an overview of chemistry, ecology, and cytology, the second semester continues with in-depth studies that relate to genetics and human anatomy. **An Independent Research Project may be required of students enrolled in Advanced Biology.**

## **SCI288                    ADVANCED PLACEMENT (AP) BIOLOGY**

**Full Year Course    Grades 11-12**

**5.00 Credits**

**Prerequisite: Completion of Advanced Biology and completion of, or current enrollment in, Advanced Chemistry.**

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes - energy and communication, genetics, information transfer, ecology, and interactions. **THE AP EXAM IS REQUIRED.**

## **SCI405                    CHEMISTRY**

**Full Year Course    Grade 11-12**

**5.00 Credits**

This course provides an introduction to fundamentals of chemistry and the scientific method. Conceptual understanding is emphasized over mathematical problem solving. Students will learn major topics in chemistry including physical and chemical properties of matter, basic principles of atomic and molecular structure, the periodic table, nomenclature, stoichiometry, calorimetry, redox reactions, acid/base chemistry and gas laws. Real world examples provide a narrative that helps students learn to apply knowledge of chemistry to everyday life, and make broad connections between specific concepts.

## **SCI410                    ADVANCED CHEMISTRY**

**Full Year Course    Grades 11-12**

**5.00 Credits**

This is a college preparatory course that provides an introduction to fundamentals of chemistry and the scientific method. Conceptual understanding and mathematical problem solving are emphasized equally. Students will learn the major topics in chemistry including physical and chemical properties of matter, basic principles of atomic and molecular structure, the periodic table, nomenclature, stoichiometry, calorimetry, redox reactions, acid/base chemistry, and gas laws. Real world examples provide a narrative that helps students learn to apply knowledge of chemistry to everyday life, and make broad connections between specific concepts. This course is recommended for students interested in pursuing a higher degree in science, in preparation for a career in science and technology. Students taking advanced chemistry should have a strong educational background in math, reading, and written expression.



## **SCI306**

## **AP PHYSICS 1**

**Full Year Course**

**Grade 11-12**

**5.00 Credits**

**Pre-requisite: Earning a C+ or better in Introductory Physics, passed Algebra 1 and Geometry 1, and taking or passed Algebra 2.**

Physics is an incredibly exciting branch of science that studies the material universe. We will be attempting to capture a subject with over 3000 years in the making, a bold and wonderful agenda. AP Physics 1 is a college level course, and we will cover the topics tested on the AP Physics 1 test. Since this is a college level course a significant amount of reading, self-assessment, and self-directed learning will be necessary. What you learn one day will lay the groundwork for what you learn the next, so a genuine effort must be sustained for the entirety of the course. The course is mathematical in nature so it is necessary that students have a very strong foundation in geometry and algebra before enrolling in the course. **THE AP EXAM IS REQUIRED.**

## **SCI690**

## **SUSTAINABLE ENERGY SYSTEMS**

**Full Year Course**

**Grades 11-12**

**5.00 Credits**

**Prerequisite: Physics.**

This science and technology elective will provide students with a comprehensive overview of the relationships between society, energy, and the environment, with a focus on energy efficiency and renewable energy at the residential and community scales. Students will learn the basic physics of energy in the context of Earth's energy past, present, and future. The primary learning objective is to gain a scientifically-based understanding of energy sources, environmental challenges, and technologies that will allow students to grasp our energy future from a realistic perspective. Residential energy efficiency strategies will address the building shell, space heating, air conditioning, lighting, and hot water. Renewable energy technologies will include solar, wind, biomass, and hydro-power. Through collaborative discussion and hands-on, project based data collection, students will learn to appreciate the engineering challenges, analyze numerical data, estimate costs/benefits, and apply mathematical methods in their own lives in the ongoing energy debate. This course will appeal to students interested in exploring career options in the broad and expanding energy professions.

## **EXPANSION OPPORTUNITIES:**

**A Sampling of Science Courses offered through our collaborative with Greenfield Community College in our Dual Enrollment and Early Transitional Program:**

Physical Geology

Historical Geology

Valley Geology

Introduction to Oceanology

Survey of Oceanography

Zoology

Botany

Ecology

Natural History

Human Systems

Introduction to Environmental Science

Freshwater Ecology

Introductory Horticulture

Pathology

Human Anatomy and Physiology

Microbiology

Human Path physiology

Interpretation of Diagnostic Laboratory Tests

**Self-Designed Independent Research Opportunities are available for students on an**

individual basis with administrative approval.

## **HISTORY/SOCIAL SCIENCES STUDIES**

### **SST199 WORLD HISTORY**

**Full Year Course Grade 9**

**5.00 Credits**

This 9<sup>th</sup> grade required course begins with Absolutism and goes through the attack on 9/11. Students study at length revolutions of France, Russia, Latin America, and England. They also study the Industrial Revolution and its impacts on the world. Students study imperialism and nationalism, as well as, communism, socialism and capitalism and their effects on world societies. Students will also examine the causes and effects of the rise of dictatorships in Europe and Asia, the economic collapse in the 1920 and 1930s, World War I, World War II, and the Cold War – including Korea and Vietnam. Students will engage in primary document analysis, research and essay writing and critical thinking skills.

### **SST316 U.S. HISTORY I**

**Full Year Course Grade 10**

**5.00 Credits**

**Colonial period through Reconstruction**

Students examine the historical and intellectual origins of the United States during the Revolutionary and Constitutional eras. Students study the basic framework of American democracy and the basic concepts of American government, as well as America's westward expansion, the establishment of political parties, economic and social change, sectional conflict, the Civil War, and Reconstruction. Students will engage in primary document analysis, research and essay writing and critical thinking skills.

### **SST319 ADVANCED UNITED STATES HISTORY I**

**Full Year Course Grade 10**

**5.00 Credits**

Students electing to enroll in Advanced U.S. History I will engage in more rigorous document analysis, primary document analysis, essay writing, and critical and evaluative thinking skills.

Advanced U.S. History I is required for students who wish to enroll in either Advanced Placement U.S. History or Advanced Placement European History.

### **SST317 U. S. HISTORY II**

**Full Year Course Grade 11**

**5.00 Credits**

**Industrial Revolution to the present**

In U. S. History II, students analyze the causes and consequences of the Industrial Revolution and America's growing role in international relations. Students study the goals and accomplishments of the Progressive movement and the New Deal. Students also learn about the various factors that led to the United States' entry into World War I and World War II as well as the consequences of World War II for American life. Finally, students study the causes and course of the Cold War, important economic and political changes during the Cold War, such as the Civil Rights movement, and recent events and trends that have shaped modern-day America.



## **SST730                    CURRENT EVENTS**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

This semester course will provide students with the opportunity and time to discuss, understand, and explore local, national, international, social, and political issues in a way that is both respectful and meaningful. Throughout the semester, students will stay up to date on current issues and social trends. Topics will vary in this course depending on the news cycle and what is taking place around the world. Students will be challenged to defend their points of view on news topics in a way that is clear and meaningful. At the end of this course, students will be able to show a greater understanding of political, social, and economic issues that are in the current news. There is no text book for this course as the students will be using a variety of sources to access the events that are happening around them and across the globe

## **SST789                    CIVIL RIGHTS ERA**

**Semester Course    Grades 10-12**

**2.50 Credits**

This semester course will take students on a journey through the mid 1950's where events started to move society towards a movement for civil rights into the late 1960's where the civil rights movement was making changes in society. We will look at people, places, laws, and decisions that pushed America on to a path for rights for all people who lived throughout the country. We will look at the triumphs, losses, and mistakes that were made in the movement along with the effects it had on American culture. Some of the topics that will be covered are Brown V. Board of Education, founding of SNCC, Montgomery Bus Boycott, The Children's March, Martin Luther King Jr's role, founding and role of CORE, the Civil Rights Act of 1964, and more. By the end of the course, students will have a greater understanding of what began the Civil Rights Movement and what major events kept the movement going.

## **EXPANSION OPPORTUNITIES:**

**A Sampling of History Courses offered through our collaborative with Greenfield Community College in our Dual Enrollment and Early Transitional Program:**

Women in American History

Western Civilization to 1500 A.D.

History of the American People

American History of the Valley

China and Japan: A Cultural History

The Pacific Century

History of African-American Peoples

Latin American History

Introduction to Modern Africa

**Self-Designed Independent Research Opportunities are available for students on an individual basis with administrative approval.**

# HEALTH/WELLNESS EDUCATION

Wellness Education is a required part of the total curriculum at Greenfield High School. All students must successfully complete four years of Wellness Education and two semesters of Health to graduate.

## **HEA101 HEALTH EDUCATION A**

**Semester Course Grade 9 2.50 Credits**

Health Education A is a one semester course and is a graduation requirement at Greenfield High School. Health Education 100 follows the State Frameworks for Health Education in Massachusetts. Units of instruction include: Self-responsibility for Wellness, Basic Human Anatomy/Physiology, Nutrition, Fitness, Reproductive Health and Sexuality, End of Life Cycle, First Aid, Safety, CPR, HIV/Aids and STDs.

## **HEA105 HEALTH EDUCATION B**

**Semester Course Grade 10 2.50 Credits**

Health Education B is a one semester course and is a graduation requirement at Greenfield High School. Health Education 200 follows the State Frameworks for Health Education in Massachusetts. Units of instruction include: Mental Health/ Illness, Interpersonal/Relationships, Violence Prevention, Drugs, Alcohol, Tobacco Communicable Diseases, Cancer, Chronic Health Problems, Community and Global Health Issues.

## **HPE618 WELLNESS 9/10**

**Semester Course Grades 9-10 2.50 Credits**

The goal of the course is to promote healthy behaviors, positive peer interactions, stress reduction, and fitness pursuits that will last beyond high school. Units of instruction may include: components of fitness, tennis, wiffle ball, soccer, bocce, lacrosse, flag football, horseshoes, ultimate Frisbee, cricket, badminton, weight training, cardiovascular training, volleyball, walk/jogging, speedball, arena football, table tennis, floor hockey, pickleball, yoga, mindfulness, aerobics, circuit training, basketball and softball.

## **HPE820 WELLNESS 11/12**

**Semester Course Grades 11-12 2.50 Credits**

The goal of the course is to promote healthy behaviors, positive peer interactions, stress reduction, and fitness pursuits that will last beyond high school. Units of Instruction may include: components of fitness, tennis, wiffle ball, soccer, bocce, lacrosse, flag football, horseshoes, ultimate Frisbee, cricket, badminton, weight training, cardiovascular training, volleyball, walk/jogging, speedball, arena football, table tennis, floor hockey, pickleball, yoga, mindfulness, aerobics, circuit training, basketball and softball.

## **HPE635 WEIGHT TRAINING**

**Semester Course Grades 9-12 2.50 Credits**

Weight Training will include a variety of strength, speed, cardio respiratory fitness and flexibility. The class will also teach proper spotting and lifting techniques. The students will be in the Bigger, Faster, Stronger fitness program which will carry on as a lifetime skill.

## **INDUSTRIAL ARTS**

### **ENR100 CULINARY ARTS I**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

Students in Culinary Arts I will first learn to identify kitchen equipment, demonstrate kitchen safety, and understand and implement the food safety guidelines. Culinary I students will also learn how to measure accurately, learn the purpose of recipes and how to read a recipe and demonstrate the ability to convert a recipe for various serving sizes.

The Culinary I course is primarily a hands-on kitchen-lab environment where students learn the nuances of both the art and the science of cooking and work collaboratively in teams to produce from-scratch foods including soups, sauces, dressings and salads, breads and desserts and both meat and vegetarian entrees.

### **ENR102 CULINARY ARTS II**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

CA II is an advanced culinary class designed for the student desiring to learn more about the art of cooking. This course will focus on the science and theory of cooking, world cuisines, cooking as a profession, nutrition and sanitation.

Whereas Culinary Arts I was designed on short simple cooking projects that would allow the student much hands-on cooking with the aim of getting comfortable in the kitchen, Culinary Arts II will necessitate more verbal instruction and explanation. The week will be split between hands-on cooking and classroom lecture and discussion.

The goal of this class will be to give the student life skills while instilling an appreciation and excitement for the tremendous world of foods and flavors.

## **WORLD LANGUAGE**

Language and communication are at the heart of human experience. The Greenfield High School World Language program helps students to be linguistically and culturally equipped to communicate successfully in a pluralistic American society and abroad. As you learn to communicate in another language, you will gain knowledge and understanding of other cultures. Although World Language is not currently required for graduation from GHS, the minimum admissions standards for Massachusetts state colleges require at least two years study of one language. Many other colleges require three years.

### **WLA100 FRENCH 1**

**Full Year Course**

**Grades 9-12**

**5.00 Credits**

French 1 students will begin their study of the French language and the cultures, history, and geography of the French-speaking world. Students will learn basic conversational patterns for use in everyday situations. The use of audio and video materials strengthen listening skills and promote conversational ability. Online work on the textbook website supplements reading

and writing practice. French 1 students will begin a developmental reading and writing program. By the end of the course they will be able to discuss simple topics such as family and friends, introductions, foods, weather, telling time, and favorite activities.

## **WLA200            FRENCH 2**

**Full Year Course    Grades 9-12**

**5.00 Credits**

**Prerequisite: 72 or better in French I**

French 2 follows the same format as French 1. Speaking ability, listening comprehension and pronunciation skills are reinforced through the use of audio and video materials, daily class participation and small group work. Students are expected to respond in French, and to build and expand conversational skills. Students will continue their work in developmental reading and writing. The program reinforces an understanding of the language, cultures, and geography of the French-speaking world. Students will learn to describe other people, talk about their possessions, describe their town and what they do there, and give directions, as well as learning to talk about what has happened in the past.

## **WLA300            FRENCH 3**

**Full Year Course    Grades 10-12**

**5.00 Credits**

**Prerequisite: 75 or better in French 2**

French 3 is designed for the advanced foreign language student who wishes to improve and build upon those skills learned during the first two years of language study. Students will participate in situational conversations to improve communicative skills in the present, the past, and the future. They will continue to improve writing ability through a variety of assignments. The use of audio and video programs will reinforce pronunciation and listening skills. Students will continue to demonstrate an understanding of francophone cultures through comparison with their own. In second semester students will study a poem, a graphic novel, and a film and learn to talk about daily routines in past and present.

## **WLA400            FRENCH 4**

**Full Year Course    Grades 11-12**

**5.00 Credits**

**Prerequisite: 78 or better in French 3**

French 4 is designed for college-bound students who wish to refine and expand their verbal and written communication skills in French. Students will continue their study of the language using a variety of authentic materials, which may include advertisements, magazine and newspaper articles, essays, songs, poems, short stories, a short novel, and a film. Students will learn thematic vocabulary and linguistic structures in context. Interviews of native speakers will take place as often as possible.

## **WLA500            ADVANCED PLACEMENT (AP) FRENCH 5**

**Full Year Course    Grade 12**

**5.00 Credits**

**Prerequisite: 78 or better in French 4**

The goal of AP French 5 is to prepare students for the Advanced Placement French Language Exam given in May. This means speaking, listening, reading, and writing proficiency in French. The course provides a variety of opportunities to help students further develop these skills and to learn more about francophone cultures, through study of films, short stories, essays, poems, and articles, as well as authentic materials such as news and radio broadcasts,



**WLA501                      ADVANCED PLACEMENT (AP) SPANISH 5**  
**Full Year                      Grade 12                      5.00 Credits**  
**Prerequisite: 78 or better in Spanish 4**

The Advanced Placement Spanish course covers the equivalent of a third year college course in Spanish. The course is conducted almost entirely in Spanish. Students are expected to try to use Spanish exclusively in the classroom. The course stresses oral skills, composition and grammar, and the integration of all four communication skills (listening, speaking, reading and writing) with the use of authentic materials. Practice in the four modalities will take a variety of forms, but will include practice with actual AP exams, materials designed to provide practice with the AP format, and frequent use of the AP grading rubrics to familiarize students with AP expectations. **THE AP EXAM IS REQUIRED.**

**GUIDANCE DEPARTMENT**

**BUS402                      SCHOOL-TO-CAREER A**  
**Semester Course              Grade 12                      2.50 Credits**

The School-to-Career Program is for the purpose of gaining work experience, acquiring training, building skills, and assisting students with career direction. This experience is an asset to students regarding future work experiences and can be added to resumes and portfolios. School-to-Career enables students to participate in a performance-based education and training program that helps prepare them for high-skill, high-wage careers and increases their opportunities for post-secondary education.

**BUS403                      SCHOOL-TO-CAREER B**  
**Semester Course              Grade 12                      2.50 Credits**

The School-to-Career Program is for the purpose of gaining work experience, acquiring training, building skills, and assisting students with career direction. This experience is an asset to students regarding future work experiences and can be added to resumes and portfolios. School-to-Career enables students to participate in a performance-based education and training program that helps prepare them for high-skill, high-wage careers and increases their opportunities for post-secondary education.

**BUS705                      INDEPENDENT STUDIES**  
**Semester Courses                      Grades 11 –12                      2.50 Credits**

Independent Study opportunities are available in every department. Students who have completed a department's sequence of courses and want to work independently at a more advanced level are encouraged to seek out a teacher to supervise them in an independent study. No students will be allowed to sign up for an independent study as a course selection. No teacher will be allowed to take a student for an independent study if a student wants to take the course being offered that period. Students who want an independent study need to see their guidance counselor for an independent study contract.

# STUDENT SUPPORT

## **ACA105/S1 & ACA106/S2**

## **ACADEMIC SUPPORT**

**Semester Course**

**Grades 9–12**

**2.50 Credits Per Course**

The intent of this special education class is to help students achieve academic success in all of their classes in the general education (GE) curriculum. Students attending this class have been identified as individuals with unique learning style defined by their Individualized Educational Plan (IEP). Participation in this class provides each student with the opportunity to receive individual assistance in an attempt to successfully complete assignments from their GE class schedule. This class provides each student with a routine placement where a predictable amount of time is available and is built-in to the student's schedule allowing for structured time to work on assignments during the school day.

## **INT115/S1 & INT116/S2**

## **DEVELOPMENTAL READING**

**Semester Course**

**Grades 9–12**

**2.50 Credits Per Course**

The aim of this course is to accelerate students' competencies in their literacy development. The primary focus will be on the usage and application of decoding and comprehension strategies that enable students to construct meaning from a variety of written texts effectively and efficiently. Assessments will identify areas of literacy strengths and weaknesses for an individualized approach to instruction in the use of semantic, syntactic and grapho-phonemic cues to improve understanding of print. Students will use a variety of fiction and nonfiction texts, in addition to materials from their general academic courses.

## **FOL100**

## **FOUNDATIONS OF READING**

**Semester Course**

**Grade 8-12**

**2.50 Credits**

The Foundations of Reading class focuses on fine-tuning student skills as they read different genres of text. Students engage with vocabulary expansion in the context of their reading journeys as well as receiving formal concentration with Greek and Latin roots, prefixes and suffixes. Students practice with model texts that help them learn strategies that enable them to question, analyze, synthesize, and respond to text orally and in writing. Students have the opportunity to develop their written responses using strategies and sequences that encourage them to demonstrate their close reading abilities. Students use computer and internet access with Chromebooks to increase integration of programs such as Google Classroom, Google Docs, and other internet-based applications.

## UNIQUE PROGRAMS

### ESSENTIAL SKILLS PROGRAM

This program is designed for students who benefit from a primary focus on the development of life skills. All academic subjects are addressed in the context of authentic life skills. Class activities incorporate practice with personal care, social skills, daily living, communication and vocational exploration. A major goal for all students in the Essential Skills Program is to increase independence. Essential Skills programs are supported by a team of professionals that includes a special educator, paraprofessionals, psychologist, speech pathologist, occupational therapist, physical therapist, and autism specialist. A team meeting is needed to enroll in the program.

#### **INT262/S1 & INT263/S2**

Semester Course      Grades 9-12

#### **E.S. LIFE SKILLS**

**2.50 Credits Per Course**

#### **INT250/S1 & INT251/S2**

Semester Course      Grades 9-12

#### **E.S. MATH**

**2.50 Credits Per Course**

#### **INT256/S1 & INT257/S2**

Semester Course      Grades 9-12

#### **E.S. ENGLISH**

**2.50 Credits Per Course**

#### **INT240 S1 & INT241/S2**

Semester Course      Grades 9-12

#### **E.S. CURRENT EVENTS**

**2.50 Credits Per Course**

#### **INT255/S1 & INT264/S2**

Semester Course      Grades 9-12

#### **E.S. LIFE SCIENCE**

**2.50 Credits Per Course**

## **TRANSITIONS PROGRAM**

This program supports students whose academic and social/emotional needs cannot be met with a full-time schedule of general education classes. Students take courses within the program and general education classes as appropriate. The program utilizes therapeutic classroom settings. Staff includes special education teachers, paraprofessionals along with regular access to a clinician and a school psychologist as needed. A Team meeting will be held to determine enrollment in the program.

**TRA105/S1 & TRA106/S2**  
Semester Course      Grades 9-12

**ENGLISH**

**2.50 Credits Per Course**

**TRA905/S1 & TRA906/S2**  
Semester Course      Grades 9-12

**LIFE SKILLS**

**2.50 Credits Per Course**

**TRA171/S1 & TRA175/S2**  
Semester Course      Grades 9-12

**SCIENCE**

**2.50 Credits Per Course**

**TRA158/S1 & TRA 159/S2**  
Semester Course      Grades 9-12

**MATHEMATICS**

**2.50 Credits Per Course**

**TRA912/S1 & TRA913/S2**  
Semester Course      Grades 9-12

**ACADEMIC SUPPORT**

**2.50 Credits Per Course**

**TRA103/S1/TRA104/S2**  
Semester Course      Grades 9-12

**HISTORY**

**2.50 Credits Per Course**

**TRA503/S1/TRA504/S2**  
Semester Course      Grades 9-12

**HEALTH**

**2.50 Credits Per Course**

**TRA909S1/TRA910S2**

**CAREER AND EMPLOYMENT  
AWARENESS**

Semester Course      Grades 9-12

**2.50 Credits Per Course**

## “Your 4 Year Plan”

Semester 1	Grade 9	Semester 2
1.	1.	
2.	2.	
3.	3.	
4.	4.	
5.	5.	
6.	6.	
7.	7.	

Semester 1	Grade 10	Semester 2
1.	1.	
2.	2.	
3.	3.	
4.	4.	
5.	5.	
6.	6.	
7.	7.	

## “Your 4 Year Plan”

Semester 1	Grade 11	Semester 2
1.	1.	
2.	2.	
3.	3.	
4.	4.	
5.	5.	
6.	6.	
7.	7.	

Semester 1	Grade 12	Semester 2
1.	1.	
2.	2.	
3.	3.	
4.	4.	
5.	5.	
6.	6.	
7.	7.	