

# GREENFIELD

21 BARR AVENUE, GREENFIELD,



# HIGH SCHOOL

MASSACHUSETTS 01301

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*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 2021-2022 academic year. Our faculty and staff are especially happy to welcome the Class of 2026 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 2021-2022 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

AN ACCREDITED MEMBER OF THE NEW ENGLAND ASSOCIATION OF SCHOOLS AND COLLEGES

## *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:

#### **Wonder**

Think critically to research and analyze real-world problems and constructively critique alternative solutions.

#### **Accomplish**

Use tools and technology responsibly in order to complete tasks independently and efficiently.

#### **Voice**











Participate in the collaborative process in a respectful and equitable manner.

#### **Explore**

Read, listen, and communicate effectively with an awareness of context, including intended audience and purpose.

## GHS Vision of a Learner - N.E.A.S.C. Rubrics

**Wonder** Think critically to research and analyze real-world problems and constructively critique alternative solutions.

Criteria	Exemplary	Approaching Exemplary	Proficient	Approaching Proficient	Beginning
<b>Identifies Problem/ Asks Questions</b>	Identifies, in precise terms, the problem or question being asked  Explains the problem or question being asked		Identifies the problem or question being asked  Explains the problem or question with assistance		Does not identify the problem or question being asked Does not explain the problem or question
<b>Gathers/ Organizes Information</b>	Thoroughly and completely gathers, organizes, and evaluates the pertinent information (quantitative and/or qualitative data, interviews, observations, reports, research, etc.)		Partially gathers, organizes, and evaluates the pertinent information or can do so with assistance		Does not gather, organize or evaluate pertinent information
<b>Analyzes / Evaluates Information</b>	Always uses appropriate criteria to carefully identify, review, and evaluate key information that will lead to an insightful solution Always separates facts from assumptions or opinions Extracts the relevant/useful information		Uses appropriate criteria to carefully identify, review, and evaluate key information that will lead to an insightful solution with assistance Separates facts from assumptions or opinions Extracts the relevant/useful information with assistance		Does not identify, review or evaluate key information  Does not separate facts from assumptions or opinions
<b>Draws Conclusions/ Develops Solutions</b>	Clearly explains and defends a solution, conclusion or thesis using sound reasoning and logic		Explains only some parts of a solution, conclusion or thesis, or uses incorrect reasoning or logic		Does not clearly explain and defend a solution, conclusion or thesis using sound reasoning and logic
<b>Reflects/ Evaluates</b>	Describes in depth: the experience, how they feel about the learning experience, what they learned from the experience, and what they will do differently next time		Describes their learning experience in general terms		Does not describe their learning experience

## Accomplish



Use tools and technology responsibly in order to complete tasks independently and efficiently. \_\_\_\_

Criteria	Exemplary	Approaching Exemplary	Proficient	Approaching Proficient	Beginning
<b>Awareness of task/purpose</b>	<ul style="list-style-type: none"> <li>Always establishes and maintains a clear purpose, demonstrates a clear understanding/ awareness of the task</li> </ul>	←	<ul style="list-style-type: none"> <li>Attempts to establish a purpose, demonstrates awareness of task</li> <li>All aspects of task may not be considered</li> </ul>	←	<ul style="list-style-type: none"> <li>Demonstrates basic understanding of the task and the steps needed to complete it</li> </ul>
<b>Self directed/independent</b>	<ul style="list-style-type: none"> <li>Consistently takes initiative and responsibility for learning</li> <li>Students are able to analyze their learning experience and identify next steps</li> <li>Students are able to reflect on the process to make meaning and connections and lead to better outcomes in subsequent projects</li> </ul>	←	<ul style="list-style-type: none"> <li>Can sometimes take initiative and/or responsibility for learning</li> <li>Often requires redirection/prompting</li> <li>Sometimes able to reflect on the process (with teacher direction) to make meaning and connections and lead to better outcomes</li> </ul>	←	<ul style="list-style-type: none"> <li>With teacher support/prompting is beginning to be able to identify best resources for the task</li> <li>Sometimes requires clarification and/or restatement of aspects of the task</li> </ul>
<b>Efficient use of tools and their functions</b>	<ul style="list-style-type: none"> <li>Always chooses and uses a variety of appropriate tools or resources independently to enhance the work</li> </ul>	←	<ul style="list-style-type: none"> <li>Sometimes requires teacher assistance in choice of tools and their use</li> <li>Is beginning to be able to choose and use a variety of tools and technology</li> </ul>	←	<ul style="list-style-type: none"> <li>Usually needs teacher assistance in choice of tools and their use</li> <li>Can use some tools/technology efficiently and appropriately, especially when prompted</li> </ul>









## Voice

Participate in the collaborative process in a respectful and equitable manner.

Criteria	Exemplary	Approaching Exemplary	Proficient	Approaching Proficiency	Beginning
<b>Effort and Focus on Task</b>	<ul style="list-style-type: none"> <li>Consistently stays focused on task</li> <li>Consistently encourages and supports the effort and goal of the group</li> </ul>	←	<ul style="list-style-type: none"> <li>Focuses on the task most of the time</li> <li>Usually encourages and supports the effort and goal of the group</li> </ul>	←	<ul style="list-style-type: none"> <li>Rarely focuses on the task</li> <li>Rarely encourages and supports the effort and goal of the group</li> </ul>
<b>Shared Responsibility and Dependability</b>	<ul style="list-style-type: none"> <li>Consistently prepared and punctual</li> <li>Independently fulfills role &amp; does not depend on others to do the work</li> <li>Consistently shares responsibilities</li> </ul>	←	<ul style="list-style-type: none"> <li>Usually prepared and punctual</li> <li>Usually fulfills role &amp; usually does not depend on others to do the work</li> <li>Usually shares responsibilities</li> </ul>	←	<ul style="list-style-type: none"> <li>Rarely prepared and punctual</li> <li>Rarely fulfills role &amp; depends on others to do the work</li> <li>Rarely shares responsibilities</li> </ul>

<b>Discussing and Listening</b>	<ul style="list-style-type: none"> <li>Consistently collaborates by stepping back to listen actively and respectfully</li> </ul>		<ul style="list-style-type: none"> <li>Usually collaborates by stepping back to listen actively and respectfully</li> </ul>		<ul style="list-style-type: none"> <li>Rarely collaborates</li> </ul>
	<ul style="list-style-type: none"> <li>Consistently collaborates by stepping up to contribute thoughtfully and respectfully</li> </ul>		<ul style="list-style-type: none"> <li>Usually collaborates by stepping up to contribute thoughtfully and respectfully</li> </ul>		

**Explore** Read, listen, and communicate effectively with an awareness of context, including intended audience and purpose.

Criteria	Exemplary	Approaching Exemplary	Proficient	Approaching Proficiency	Beginning
<b>Read</b>	<ul style="list-style-type: none"> <li>Fluently with an acute awareness of context</li> </ul>		<ul style="list-style-type: none"> <li>Effectively with some awareness of context</li> </ul>		<ul style="list-style-type: none"> <li>Ineffectively with no awareness of context</li> </ul>
<b>LISTEN</b>	<ul style="list-style-type: none"> <li>Attentively with an acute awareness of context</li> </ul>		<ul style="list-style-type: none"> <li>Effectively with some awareness of context</li> </ul>		<ul style="list-style-type: none"> <li>Ineffectively with no awareness of context</li> </ul>
<b>Verbally Communicate</b>	<ul style="list-style-type: none"> <li>Fluently with an acute awareness of context</li> </ul>		<ul style="list-style-type: none"> <li>Effectively with some awareness of context</li> </ul>		<ul style="list-style-type: none"> <li>Ineffectively with no awareness of context</li> </ul>
<b>Communicate in Writing</b>	<ul style="list-style-type: none"> <li>Fluently with an acute awareness of context</li> </ul>		<ul style="list-style-type: none"> <li>Effectively with some awareness of context</li> </ul>		<ul style="list-style-type: none"> <li>Ineffectively with no awareness of context</li> </ul>

# **PROGRAM OF STUDIES**

## **Table of Contents**

<b><u>Department</u></b>	<b><u>Page</u></b>
Your 4 Year Plan	9
Art Studies	12
Technical Education Studies	15
English Studies	18
English as a Second Language	22
Mathematical Studies	23
Music Studies	26
Science Studies	28
History/ Social Sciences Studies	31
Health/ Wellness Education	35
Industrial Arts	36
World Language Studies	37
Guidance Department	39
Student Support Programs	40
Unique Programs	41
Transition Program	42

## **STUDENTS AND PARENTS/CAREGIVERS**

This Program of Studies booklet has been prepared to provide you and your parents/caregivers 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, French, Chemistry, Biology, 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.



## “Your 4 Year Plan”

Grade 9						
	Semester 1	Credits			Semester 2	Credits
1				1		
2				2		
3				3		
4				4		
5				5		
6				6		
7				7		
	Total Semester 1				Total Semester 2	

Total Credits earned Grade 9: \_\_\_\_\_

Grade 10						
	Semester 1	Credits			Semester 2	Credits
1				1		
2				2		
3				3		
4				4		
5				5		
6				6		
7				7		
	Total Semester 1				Total Semester 2	

Total Credits earned Grade 10: \_\_\_\_\_

## “Your 4 Year Plan”

Grade 11						
	Semester 1	Credits			Semester 2	Credits
1				1		
2				2		
3				3		
4				4		
5				5		
6				6		
7				7		
	Total Semester 1				Total Semester 2	

Total Credits earned Grade 11: \_\_\_\_\_

Grade 12						
	Semester 1	Credits			Semester 2	Credits
1				1		
2				2		
3				3		
4				4		
5				5		
6				6		
7				7		
	Total Semester 1				Total Semester 2	

Total Credits earned Grade 12: \_\_\_\_\_

## **DISTRIBUTION OF GRADUATION REQUIREMENTS**

### **See Credit Distribution and Additional Information Below**

- a. Twenty (20) credits of English courses
- b. Fifteen (15) credits of Math courses
- c. Fifteen (15) credits of Science courses
- d. Fifteen (15) credits of Social Studies courses  
\*The students of the Class of 2024 and all others moving forward have to take an additional 2.5 Social Studies course focused on civics skills and dispositions
- e. Five (5) credits of Health courses
- f. Ten (10) credits of Wellness courses
- g. One 2.5 credit Technology course
- h. Ten (10) credits of Arts and Humanities courses
- i. Twenty Seven and ½ (27.5) credits additional courses

### **Total credits needed to Graduate: 120 credits**

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. U.S. History I
  - b. U.S. History II
  - c. World 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





## **ART422 PRINTMAKING AND MIXED MEDIA**

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

This class covers all forms of art making, from carving linoleum stamps, to sewing and beading, to collage, to book binding, and much more. This is a hands on class, where students will learn about every art form, from crafting to sculpture.

## **ART403 GRAPHIC DESIGN**

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

This class is for students of all levels. Through a series of projects that are both teacher guided, and self-directed, students will learn many advanced Photoshop techniques. By the semester's end, students will be able to use Photoshop to touch up photos, create short animated films, and manipulate effects.

## **ART410 DIGITAL ART**

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

This course is designed to develop skills in photographic design and printing. We will use Adobe Photoshop CS5 as our primary image editing tool. This class will consist of lecture and photography assignments, re-enforced through computer based assignments.

## **ART412 PAINTING 1**

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

This class is suitable for students of all levels. Through a series of painting projects, we will explore the history of different art movements, as well as the technique and style of individual artists. Working on both paper and canvas, we will create still lifes, portraits, landscapes, and color theory studies.

## **ART402 CONCEPTUAL ART**

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

This art class explores different artists throughout history with lessons that will focus on techniques in drawing, painting, sculpting and Photoshop. As we learn about various artists, each student will choose a piece by that artist to replicate in the same or similar materials. In addition to hands on artwork, projects will be accompanied by a written segment, such as reflections, observations, poetry, or research papers.

## **ART414 PAINTING 2**

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

**Prerequisite: Painting 1**

This class is suitable for students of all levels. Through a series of painting projects, we will explore the history of different art movements, as well as the technique and style of individual artists. Working on both paper and canvas, we will create still lifes, portraits, landscapes, and color theory studies.

## **ART415            DRAWING**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

This course is an introduction to realistic and abstract drawing through varied approaches involving sketching and formal techniques. Various mediums are utilized, including graphite, colored pencil, charcoal, etc., to develop technical skills and aesthetical conceptualization. Students are required to keep a sketchbook throughout the duration of the class.

## **ART431            WATERCOLOR**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

This class is suitable for students of all levels. Through a series of painting projects, we will explore the medium of water color painting as well as the technique and style of individual artists. Working on both paper and canvas, we will create still lifes, portraits, landscapes, and water color theory studies.

### **EXPANSION OPPORTUNITIES:**

**Students may expand their interests in art studies through online courses, independent studies for credit, and college courses.**

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

Art History I  
Art History II  
History of Modern Art

Drawing I  
Introduction to Photography

## **TECHNICAL EDUCATION**

Communication and Technology classes support students in developing digital communication skills through exploring a range of topics that reflect our increasingly digital world. Students develop visual literacy through creating films, websites, or designing the school yearbook. These fundamental skills prepare students for success in higher education or careers. The goal of the Technology Education studies course is to prepare all students for careers and advanced technical training programs by equipping them with technological skills. Regardless of students' goals, whether in science, business, trades or other careers, each student will be taught essential elements of occupational readiness, consumer awareness, and personal enrichment.

## **TEC337            CONSTRUCTION**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

An activity based introduction to the fundamentals of residential and commercial building construction. Students learn the geometry theory governing design and construction and apply these principles while constructing a shed or small building. Commonly used materials are introduced and evaluated in terms of cost, ease of use, sustainability, and impact on the living environment. Safe hand and portable power tools use is taught along with safe working habits common to working with groups of workers. A basic understanding of geometry is helpful but not required.





Filmmaking 1. The second level course will have students working with more advanced tools and developing their production craft. Longer term projects will be given that allow students to explore their own voice and interests.

## **TEC450 DOCUMENTARY FILMMAKING**

**Semester Course Grades 10-12**

**2.50 Credits**

This specialized video production course is for students who have already taken Filmmaking 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 video projects.

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

**Semester Course Grades 9-12**

**2.50 Credits**

Green Wave Productions is a technology-based inter-disciplinary productions course. Focus is placed on publishing school-wide print media, including the GHS yearbook. Students develop communication skills, both written and visual, and use technology to create and market a real-world product. 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.

## **TEC952 TECH DESIGN 1**

**Semester Course Grades 9-12**

**2.50 Credits**

A design based semester length introduction to technological design processes. Safe and efficient use of stationary power tools and hand tools will be emphasized. Students will use the design process to develop various products from simple introductory exercises to more complex projects involving moving parts and mechanisms while utilizing various assembly and construction techniques. Students will learn the process of product development to create a marketable product. This is a good beginning class for students with an interest in woodworking/industrial design/building projects. An understanding of basic geometry is helpful.

## **TEC953 TECH DESIGN 2**

**Semester Course Grades 9-12**

**2.50 Credits**

A design based semester length course for students experienced in technological design processes. Students will learn to utilize more advanced stationary tools. Students will use the design process to develop both custom-made and mass production products, using advanced assembly and construction techniques. This course will include an introduction to architecture and civil engineering. **A prerequisite of Technological Design 1.**

# 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 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.

## **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.**

## **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.**

## **ENG305 AMERICAN LITERATURE**

**Semester Course Satisfies a Grade 11 or 12 English Requirement 2.50 Credits**

This course will focus on the uniquely American writers from London to McCarthy. 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.

## **ENG529 COMPOSITION FOR COLLEGE**

**Semester Course Satisfies a Grade 11 or 12 English Requirement 2.50 Credits**

This course will replicate the workshop format of many college writing courses. Students will work to develop good writing habits including: brainstorming, outlining, peer editing, and revision, and research. Students will learn the skills necessary to write a formal research paper including: generating a thesis, working with and citing sources, and using supporting evidence. All written work will be revised several times. Consideration of purpose, tone, diction, and appropriate grammatical concerns will be addressed as a part of the revision process.

## **ENG533 AMERICAN AUTHORS**

**Semester Course Satisfies a Grade 11 or 12 English Requirement 2.50 Credits**

This course will focus on the uniquely American writers from Hawthorne to Chopin. Students will read and compare various important American 18th and 19th century authors while connecting the themes presented with the important historical context surrounding the texts. Frequent writing about and in response to the literature will be assigned.

## **ENG534 SHORT FICTION**

**Semester Course Satisfies a Grade 11 or 12 English Requirement 2.50 Credits**

This course will focus on the explosion of popularity of short stories and novellas. Students will read short stories, novels and plays, study literary analysis and theory, and explore the relationship between fiction and reality. Frequent writing about and in response to the literature will be assigned.

## **ENG 535                    MASTERPIECES OF WORLD LITERATURE**

**Semester Course Satisfies a Grade 11 or 12 English Requirement**

**2.50 Credits**

Students will learn about the seminal works of non-American literature. The emphasis will be on older works which are essential to the study of humanities at the college level. Frequent writing about and in response to the literature will be assigned.

## **ENG 536                    THEATER OF THE WESTERN WORLD**

**Semester Course Satisfies a Grade 11 or 12 English Requirement**

**2.50 Credits**

This course appeals to the student wishing to explore drama in all avenues. While the staple of the course will be reading dramatic works from Miller, Hellman, ancient Greeks, and even Shakespeare tragedies, students will also explore acting out scenes in class, reviewing the business of auditions and rehearsals, evaluating live theater productions in film and in person, and creating playbills. In addition, students enrolled in this class will take part in writing, producing, and directing a live performance of a class-written or classical dramatic work.

## **ENG537                    ISSUES/IDEAS**

**Semester Course Satisfies a Grade 11 or 12 English Requirement**

**2.50 Credits**

This course appeals to the student wishing to explore current issues by analyzing the use of Argument and Rhetoric in modern editorials, essays, documentaries, and other media. Students will frequently be asked to engage subjects both in class discussion and in frequent written assignments.

## **ENG538                    MODERN LITERATURE**

**Semester Course Satisfies a Grade 11 or 12 English Requirement**

**2.50 Credits**

The emphasis will be on modern works which are essential to the study of humanities at the college level. In addition, students will explore issues of cultural literacy, careers and current events, study literary analysis and theory. Frequent writing about and in response to the literature will be assigned.

## **ENG520                    CREATIVE WRITING**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

This course is an ELA elective for students who have a wide range of abilities and interests, but does not fulfill the English graduation requirement. It will cover all phases of creative writing from prewriting to drafting to editing and publishing. Students will explore the creative process by reading, discussing and emulating a range of contemporary fiction, poetry and memoir 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.

## **ENG 524 INTRODUCTION TO PHILOSOPHY**

**2.50 Credits**

**Semester Course      Grades 9-12**

This course is an ELA elective for students who have a wide range of abilities and interests, but does not fulfill the English graduation requirement.

It will cover life's biggest questions: What does it all mean? Who am I? Who are they? Philosophy is the study of fundamental questions about existence, ethics, language, identity, and knowledge. In this class you will learn about and practice philosophical and critical thinking that will help you to better understand many aspects of the world and to ask deeper, better questions about topics you are interested in. To hone these skills, we will read and discuss texts on a variety of topics including complex moral and ethical questions; human-animal relationships; how scientific knowledge relates to 'everyday' common sense knowledge, and how to determine what's real in a 'post-truth' world. Students will write short, weekly 'thought papers' about the topics we are studying which will build toward a final research project on a philosophical topic of their own choice (suggestions include the philosophy of sport, the philosophy of sexuality, feminist philosophy, Africana philosophy, etc.). Prerequisites include a curious mind and a commitment to weekly reading, discussing and writing about big questions that do not have easy answers.

### **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	Modern Novel
College Reading Strategies	Survey of Children's Literature
English Composition	Modern Poetry
Exploring Literature and Creative Writing	Women in Literature I
Gothic Literature	Women in Literature II
Graphic Novel	American Literature in the Valley
Ethnic Literature	The Short Story
Survey of Latin American Literature	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 algebra including decimals, fractions, integers, ratios, proportions, percent, numeric and algebraic expressions, and linear equations.

## **MAT115              ALGEBRA 1**

**Full Year Course      Grades 9-10**

**5.00 Credits**

In this course, students will learn to describe the world around them with algebraic expressions, equations, graphs and statistics. Topics include linear equations and inequalities and their graphical representations, systems of equations, exponential functions, and an introduction to solving and graphing quadratic equations. Basic probability and statistical concepts will be introduced. Application problems are integrated throughout the course to provide a context for the abstract language of algebra as well as reinforce important skills, properties and representations.

## **MAT200              GEOMETRY**

**Full Year Course      Grades 9-12**

**5.00 Credits**

Students will learn traditional geometric topics such as constructions, angle measure, and the area of triangles, quadrilaterals, and other polygons, volume, congruence, similarity, right

triangle, trigonometric ratios, circles and geometric proof through an inductive approach.

## **MAT206            ADVANCED GEOMETRY**

**Full Year Course    Grades 9-10**

**5.00 Credits**

**Prerequisite: 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 Geometry topics, with additional enrichment topics to better prepare students for advanced study in mathematics.

## **MAT301            ALGEBRA 2A**

**Full Year Course    Grades 11-12**

**5.00 Credits**

**Prerequisite: 60-72 in Algebra 1**

This course is designed for students who struggled with Algebra 1 but wish to further their algebraic studies. Several Algebra 1 concepts will be reviewed in the beginning of the year, and then half of the Algebra 2 content standards will be addressed. Emphasis will be placed on linear, quadratic, and exponential functions and their applications. Probability and Statistics will also be introduced. Graphing calculators will be utilized throughout the year in class to illustrate several concepts.

## **MAT300            ALGEBRA 2**

**Full Year Course    Grades 10-12**

**5.00 Credits**

**Prerequisite: 73 or better in Algebra 1**

This course emphasizes using quadratic forms, powers, roots and the functions based on these concepts. Students will expand their knowledge of quadratic and exponential functions, and study higher order polynomial functions and rational functions. as tools for modeling real world situations. Additional topics may include matrices, sequences and series, and other functions.

## **MAT306            ADVANCED ALGEBRA 2**

**Full Year Course    Grades 10-11**

**5.00 Credits**

**Prerequisite: 87 or better in Algebra 1 and 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.**

**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 money, banking, student loans, consumer debt, career planning, use of credit, paying taxes, buying a vehicle, home ownership, insurance, and investments.

**BUS102**                 **ACCOUNTING 1**  
**Semester Course    Grades 10-12**                                 **2.50 Credits**

This introductory course provides a thorough background in basic financial accounting practices used in business. The accounting procedures presented serve as a sound background for professional employment and preparation for further business studies.

**BUS240**                 **ACCOUNTING 2**  
**Semester Course    Grades 10-12**                                 **2.50 Credits**  
**Prerequisite: 70 or better in Accounting 1**

This course expands on topics learned in Accounting 1. Students reinforce their understanding of

the accounting cycle, while deepening their exploration of financial statements. The use of spreadsheet software allows students to gain confidence managing and formatting spreadsheets, with an emphasis on essential functions and formulas used in preparing business financial statements.

## **BUS404                      ENTREPRENEURIAL BUSINESS**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

This course provides an opportunity to explore the world of business and develop entrepreneurial skills. Students are introduced to principles of business, economics, and professional communication standards. Entrepreneurial skills are developed in the creation of a personalized business plan.

### **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  
College Algebra  
Introduction to Statistics

Mathematical Problem Solving  
Mathematics for Early Childhood and Education

**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**

Emphasis is placed on the fundamentals of music and musicianship through the rehearsal and performance of appropriate high-quality band literature and lesson materials. Students will increase their technical and musical skills on an instrument with a wide variety of genres explored. Analysis of personal and group performance will be included. Students are expected to attend and participate in all band performances, which include concerts and festivals. Students in Concert Band will also be members of the Green Wave Marching band which will perform at parades, athletic events, and school spirit events. Occasional extra rehearsals are mandatory to ensure the success of the group. 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. Students will be given the optional opportunity to audition for Western Mass District and All-State Concert Band and Jazz Band (participation in the school band is a requirement to audition for these ensembles).

**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.

**MUS507                      MUSIC TECHNOLOGY****Semester Course      Grades 9-12****2.50 Credits**

This course is designed to introduce students to some of the ways in which technology is used to produce music in the 21st century. Students will explore songwriting techniques, lyric writing, musical form, audio design, music composition, audio manipulation, and music production. Students will learn how to use and be able to express creativity through the use of music notation software, music production software, and recording equipment. Students will develop the capability to work with multitrack sessions, record and edit audio, and produce quality musical scores. Students will also gain insight about how the music business works.

**MUS501                      GHS JAM****Semester Course      Grades 9-12****2.50 Credits**

This is a course for beginning, intermediate, and advanced musicians. In this class, students will learn how to play multiple instruments, including guitars, keyboards, and percussion. Students will learn the fundamentals of music through performing in class with others. Units can include: "Four-Chord Songs", Bucket Drumming, Boom-Whacker Band, and Rock/Pop Covers. Students should expect high energy instruction in a very positive and safe environment.

**MUS110                      MUSIC THEORY****Semester Course      Grades 9-12****2.50 Credits**

This course is for students who wish to gain a better understanding of music and how music works. This is an introduction to music theory through the learning of musical notation, scale patterns, chords, melody, harmony, ear training, composition, and much more. Students address these basic concepts by listening to and analyzing a wide variety of music, including standard Western tonal music, contemporary art music, jazz, popular music, and world music.

**MUS514                      AMERICAN POPULAR MUSIC****Semester Course      Grades 9-12****2.50 Credits**

This course covers popular music from the blues to the early roots of Rock & Roll in the 1950s up through today's popular music styles including electronic music, Hip-Hop, and Rap. Music in other forms of popular media including film, theatre, and video games will also be

covered. Through class discussions, reading, music listening, and film the class will explore this vibrant music. Major contributors and practitioners of popular music will be examined. Emphasis will be placed on the development of the music as it evolved to present day artists. Students will explore the music industry that was created due to the successes of this music. Students will be able to describe the musical elements that are essential for each of genres of music discussed, using the language of musicians and a knowledge of the key elements of 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 Physics  
Environmental Ecology

## **SCI300            PHYSICS**

**Full Year Course    Grade 9**

**5.00 Credits**

Physics is a required course for all freshmen. Students 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 body systems and ecology.". 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 biochemistry, and cell biology. The second semester continues with evolution, genetics, human anatomy, and ecology.

Students enrolled in this course who have not successfully completed the Massachusetts State Competency test in Science and Technology 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, body systems and ecology. 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 biochemistry and cell biology. The second semester continues with in-depth studies that relate to genetics, evolution, body systems, and ecology.

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

**Full Year Course    Grades 11-12**

**5.00 Credits**

**Prerequisite: Completion of Advanced Biology and Advanced Chemistry, with a grade of B+**

or better.

AP Biology is an introductory college-level biology course. Due to the level of biochemistry in the course, completion of both high school level biology and chemistry are required. 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.

## **SCI677 ADVANCED PLACEMENT (AP) CHEMISTRY**

**Full Year Course    Grades 11-12    5.00 Credits**

**Prerequisite: Completion of Advanced Chemistry with a final grade of A or have completed a full year of Conceptual Chemistry with a course grade of A and have obtained a written recommendation for AP Chemistry by their Conceptual Chemistry teacher.**

This Advanced Placement Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as freshmen, second year work in the chemistry sequence at their institution or to register in a course in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. The seven science practices identified by the College Board, which capture important aspects of the work that scientists engage in, will also be emphasized through guided and open inquiry lab investigations. **THE AP EXAM IS REQUIRED.**

**SCI678 ENVIRONMENTAL ECOLOGY 5.00 Credits**

**Full Year Course Grades 11-12**

Environmental ecology is the branch of biology which studies the interactions among organisms and their environment. Students will study the relationships and interactions between living organisms and their abiotic components as well as their physical environment to understand the important connections between plants and animals and the world around them. It is an interdisciplinary field and will incorporate Marine Science, Environmental Science, Ecology and Biology concepts. Topics of study include marine ecosystems, marine pollution and regulation, agriculture and fishing, terrestrial biomes, natural resource exploitation and impacts, climate change, and a consideration of future choices about the way we live our lives.

**SCI679 ASTRONOMY 5.00 Credits**

**Full Year Course Grades 11-12**

In this year long course students will learn and apply knowledge of the solar system and universe, compare and contrast contemporary and historic astronomical assumptions and discoveries, and accurately predict the location and movement of celestial objects. This course will introduce students to the composition and structure of the solar system and universe as a whole. Other concepts of the course include the visible and invisible spectrum of light, radio waves, and star and planet formation.

**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           | Human Systems                                 |
| Historical Geology         | Introduction to Environmental Science         |
| Valley Geology             | Freshwater Ecology                            |
| Introduction to Oceanology | Introductory Horticulture                     |
| Survey of Oceanography     | Pathology                                     |
| Zoology                    | Human Anatomy and Physiology                  |
| Botany                     | Microbiology                                  |
| Ecology                    | Human Path physiology                         |
| Natural History            | 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**

**SST316 U.S. HISTORY I 5.00 Credits**  
**Full Year Course Grade 9**

**Origins of the American Revolution through World War I**

Students examine the historical and intellectual origins of the United States during the





with an understanding of European history from the medieval period through the French Revolution. This course is organized in chronological units of study. Throughout the year students will be exposed to a variety of interactive projects with emphasis placed on critical thinking, analytical and evaluative skills. The goals of Advanced European history are to develop; a) an understanding of principle themes in modern European history, b) an ability to analyze historical evidence in a variety of mediums, and c) an ability to express historical understanding in a variety of different formats.

## **SST199                      WORLD HISTORY**

**Full Year Course      Grades 11-12**

**5.00 Credits**

This 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.

## **SST728                      PSYCHOLOGY**

**Semester Course      Grades 9-12**

**2.50 Credits**

This course is a history elective and does not fulfill the history graduation requirement. Psychology is the study of individual human behavior. This course will introduce the students to the various theories that have developed within the discipline. Many topics will be explored from a Who's Who of Psychology, States of Consciousness, Learning, Personality, and Social influence and Psychological Disorders. Throughout this course three themes will be emphasized: Humans are extremely competent, Humans differ widely from one another and Psychological processes are complex.

## **SST734                      LAW**

**Semester Course      Grades 9-12**

**2.50 Credits**

This course is a history elective and does not fulfill the history graduation requirement. This course is designed to introduce students to the legal system in the United States. An emphasis would be placed on knowing your rights. Area courts would be visited which might include field trips to District, Superior, and Housing Court. Law officials would be guest speakers (lawyers, judges, police, etc.). The course would cover the history of law in America, the constitution, the legislative process, judicial system and the penal system. Students would be introduced to civil and criminal law. The course will provide knowledge and practical application. The entire foundation of American society is built upon the legal system and this course will provide knowledge about the law from misdemeanors to felonies, from District Court to the Supreme Court.

## **SST724                      SOCIAL JUSTICE**

**Semester Course      Grades 10-12**

**2.50 Credits**

This course is a history elective and does not fulfill the history graduation requirement. In this course, students will have the opportunity to study how groups of people are/have been treated. Topics covered in class include but are not limited to: What is social justice? Looking at our

behaviors? What can "I" do to make a difference? Historical accounts of different groups of people. Current issues groups of people face. Global issues of social justice. Grading for this course will be determined by participation, group and individual projects, current event reports, and reflection papers. Students will have the opportunity to complete a student-led civics project with a greater degree of independence, depth, and complexity. Project topics, actions and processes may be interdisciplinary.

## **SST730                    CURRENT EVENTS**

**Semester Course**

**Grades 9-12**

**2.50 Credits**

This course is a history elective and does not fulfill the history graduation requirement. This 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 textbook 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

## **SST733                    LOCAL HISTORY**

**Semester Course**

**Grades 10-12**

**2.50 Credits**

This course is a history elective and fulfills history graduation requirement for anyone in the Class of 2024 or beyond. This semester-long course will examine some of our own town and region's past. Rather than studying its entire history from start to finish, we will focus on a few specific topics and time periods in which Greenfield and Franklin County played an important role in the bigger picture of American history. These are likely to include: the indigenous people of the region and early English settlements in the 1600s, Shays's Rebellion, abolitionism and the Underground Railroad, and the post-WWII economic boom. The class will include many primary sources and several site visits. Students will have the opportunity to complete a student-led civics project with a greater degree of independence, depth, and complexity. Project topics, actions and processes may be interdisciplinary.

## **SST736                    ETHICS**

**Semester Course**

**Grades 10-12**

**2.50 Credits**

This course is a history elective and fulfills history graduation requirement for anyone in the Class of 2024 or beyond. This semester-long course will examine such questions as: What do you believe in? How do you make important and difficult decisions? What guidelines do you use for living well? Many of us are rarely - if ever - conscious of the grounds on which we make decisions and act. The Greek philosopher Socrates claimed that "the unexamined life is not worth living." In this class, you will have a chance to begin the process of examining what you truly believe in and what guides your life on issues as wide-ranging as lying, stealing, plagiarism, abortion, euthanasia, capital punishment, the environment, religion and spirituality, homelessness and poverty, homophobia, and racism. Be prepared to read about controversial topics, engage in many difficult discussions, and defend your views in writing. Students will have the opportunity to complete a student-led civics project with a greater degree of independence, depth, and complexity. Project topics, actions and processes may be interdisciplinary.

## **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. During the 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 the study of films, short stories, essays, poems, and articles, as well as authentic materials such as news and radio broadcasts, infographics, and advertisements. Interviews of native speakers will take place as often as possible. Students will study advanced linguistic structures and idiomatic vocabulary, take part in discussions, make oral presentations and write a weekly journal in French. **THE AP EXAM IS REQUIRED.**

## **WLA101            SPANISH 1**

**Full Year Course    Grades 9-12**

**5.00 Credits**

In this course, students will begin their study of the Spanish language and the cultures, history, and geography of the Spanish-speaking world. Students will learn basic conversational patterns for use in everyday situations. The use of audio and video materials will help strengthen listening skills and promote conversational ability. Work in the computer lab on the textbook website will supplement reading and writing practice. Spanish 1 students will begin a developmental reading and writing program. By the end of the course they should be able to discuss simple topics such as family and friends, introductions, clothing, school, and favorite activities.

## **WLA201            SPANISH 2**

**Full Year Course    Grades 9-12**

**5.00 Credits**

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

This course follows the same format as Spanish 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 Spanish whenever possible, 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 Spanish-speaking world.

## **WLA301            SPANISH 3**

**Full Year**                      **Grades 10-12**    **5.00 Credits**  
**Prerequisite: 75 or better in Spanish 2**

Spanish 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 their communicative skills in the present, the past, and the future. They will continue to improve their 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 Hispanic culture through comparison with their own.

**WLA401**                      **SPANISH 4**  
**Full Year**                      **Grades 11-12**    **5.00 Credits**  
**Prerequisite: 78 or better in Spanish 3**

Spanish 4 is designed for advanced students who wish to refine and expand their verbal and written communication skills in Spanish. Students will continue their study of the language using a variety of instructional materials, which may include advertisements, magazine and newspaper articles, essays, short stories and short novels, as well as audio and video materials. Students will learn thematic vocabulary and linguistic structures in context.

**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 allows students to gain work experience, acquire training, and build skills in preparation for work after high school. Exploration of individual skills and interests enables students to identify opportunities for post-secondary education and explore potential career paths. School-to-Career is an asset to students regarding future work pathways and can be added to resumes and portfolios.

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

The School-to-Career Program allows students to gain work experience, acquire training, and build skills in preparation for work after high school. Exploration of individual skills and interests enables students to identify opportunities for post-secondary education and explore potential career paths. School-to-Career is an asset to students regarding future work pathways and can be added to resumes and portfolios.

## **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 PROGRAMS**

## **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**

Semester Course      Grades 9-12

## **CAREER AND EMPLOYMENT AWARENESS**

**2.50 Credits Per Course**