

AMITY REGIONAL HIGH SCHOOL



PROGRAM OF STUDIES

Grade 9 only

2023-2024



Serving the towns of Bethany, Orange, and Woodbridge

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Woodbridge, Connecticut 06525

Phone: 203-397-4830



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

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Amity Regional High School Counseling Department

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AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Dear Students and Parents/Guardians:

This Program of Studies contains a wealth of information to help students plan their high school course of study. It contains important information about programs, courses, and requirements set forth for students at Amity Regional High School. It was created with input from administrators, counselors, department chairs, and teachers, and represents our best effort to articulate expectations for our students.

Students and parents should consider ability, interests, future career paths, and graduation requirements as part of the course selection process. We also ask that you consider balance when making your choices. Consider the time you will need to invest in your studies along with the time you spend on other important extra-curricular activities. You should consult with your teachers and school counselor regarding course selection for the 2023-2024 school year.

Please note this Program of Studies contains only 9th grade courses. The full Program of Studies can be found on our website.

Course Registration Process and Timeline

Our master schedule is built off of course requests so careful consideration should be made when making your selections. Here is the timeline for the Course Registration Process for the 2023-2024 school year:

Mid– January- February 6– All teachers have entered course recommendations

February– students meet with their counselors for academic advising

February 15-27– Students enter course choices independently

March 6– Deadline for parents to approve student course requests and enter any waivers

March 6-24– Counselors to approve course requests and update any waivers

April– Master schedule is built

May 26– Limited information schedules released

June– The last day of school will be the last day to make any changes to your schedule



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

TABLE OF CONTENTS

NEASC Accreditation Statement	Page 5
Core Values and Beliefs	Page 6
Learning Expectations	Page 7
Portrait of a Graduate	Page 8
Graduation Requirements	Page 9
Four Year Planner Form	Page 10
Mastery Based Diploma Assessment	Page 11
Leveling Information	Page 12
NCAA	Page 13
Waivers/summer assignment	Page 14
Course Failures/Summer School	Page 15
Pupil Services, Related Services and Specialized Instruction	Page 16
Career Clusters	Page 17-18
<u>Career and Technical Education</u>	Page 19
<u>English</u>	Page 27
<u>Mathematics</u>	Page 28
<u>Physical Education/Health</u>	Page 30
<u>Science</u>	Page 33
<u>Social Studies</u>	Page 37
<u>Visual and Performing Arts</u>	Page 38
<u>World Language</u>	Page 52
Special Programs	Page 58



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

NEASC Accreditation Statement

Amity Regional High School is accredited by the New England Association of Schools and Colleges, Inc., a non-governmental, nationally recognized organization whose affiliated institutions include elementary through collegiate institutions offering post-graduate instruction.

Accreditation of an institution by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer review process. An accredited school or college is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the New England Association is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.





AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Amity Regional High School

Core Beliefs

The Amity Regional High School community is dedicated to three overarching principles that guide our beliefs and actions. We are committed to developing:

FAIRNESS

Compassion

Integrity

RESPECT

Collaboration

Communication

PASSION

Persistence

Inspiration



Mission Statement

The mission of Amity Regional High School is to create an inclusive community that affirms the contributions, strengths, and talents of all of its members. We bear a responsibility to ourselves and to the school community to develop in all students the skills and the desire necessary to become contributing members of a just society.



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Learning Expectations

Academic

- Students will demonstrate the ability to effectively read a range of texts with varying complexity.
- Students will produce and distribute a variety of writing designed to entertain, inform, or argue, as well build and present knowledge derived from research.
- Students will speak and listen effectively in order to comprehend ideas and information, collaborate, and present knowledge and ideas to a variety of audiences.
- Students will demonstrate a command of language convention through effective use of language in writing and speaking, and through the acquisition and use of domain-specific and academic vocabulary.
- Students will make sense of problems and persevere when solving them.
- Students will use appropriate tools strategically to solve problems.

Social

- Students will respect the rights, property and opinions of others.
- Students will regularly give to others unselfishly and be considerate and kind to all.
- Students will be aware of, and concerned for, the feelings of others and deal with others in a kind and sympathetic manner.
- Students will demonstrate an ability and commitment to work collaboratively with others.

Civic

- Students will exhibit personal integrity and ethical decision-making.
- Students will demonstrate social responsibility for the school environment by recognizing the impact of their decisions on others and themselves.
- Students will participate in meaningful activities within the school community.
- Students will demonstrate an awareness of their global responsibility to others and the environment.



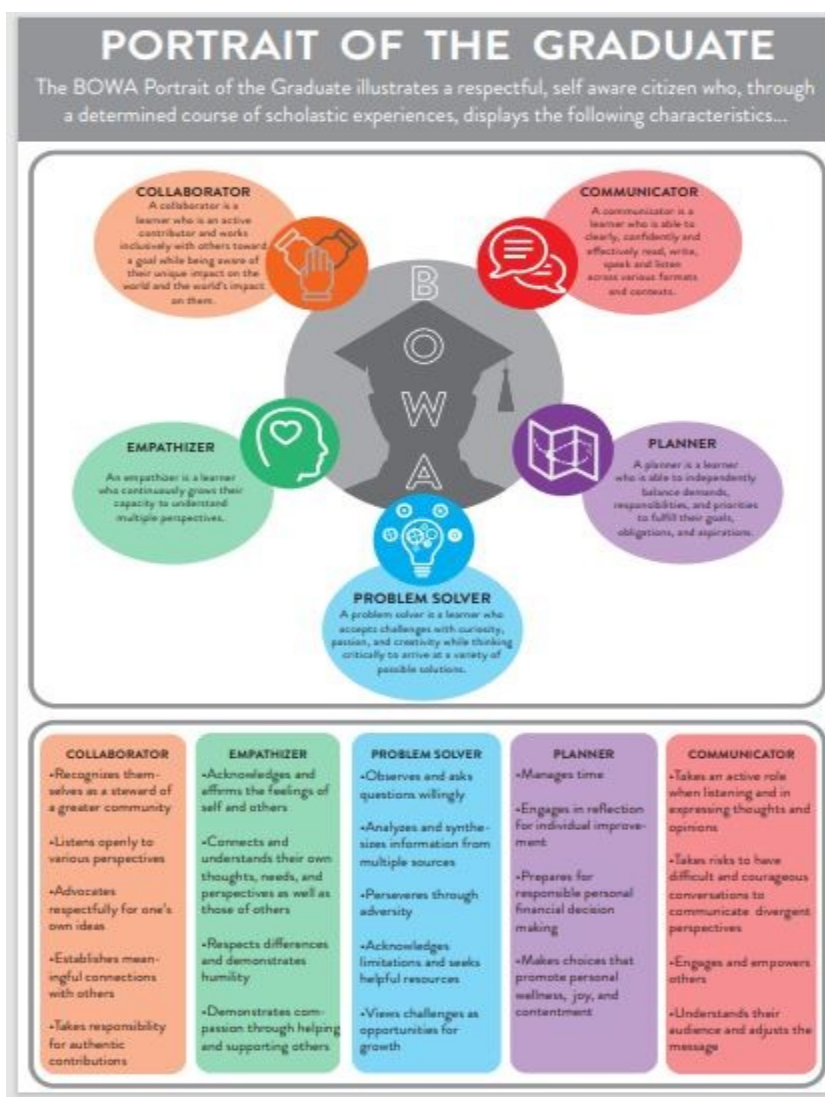
AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Portrait of the Graduate

A Portrait of the Graduate outlines the skills, knowledge, and dispositions that students across all grade levels should have. It is a promise that our educators make to ALL our students to prepare our students for the world beyond school. Additionally, a Portrait of the Graduate should reflect what our community values for our graduates.

A well-constructed Portrait of the Graduate is often compared to the North Star – serving as our compass guide to both a beginning and an end to our work as educators.





AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Graduation Requirements– Class of 2023 and beyond

Humanities Credits

9 Credits Total

English	4 Credits (4 Years)
Social Studies (including civics)	3 Credits (3 Years)
Arts	.5 Credit (1 semester)
Humanities Electives- English, Arts, Social Studies	1.5 Credits
Or World Language (beyond 2 years)	

Science, Technology, Engineering and Math9 Credits Total

Mathematics	4 Credits (4 Years)
Science	3.5 Credits (3 Years)
Career and Technology	.5 Credit (1 semester)
STEM Electives- Math, Science, or CTE Electives	1 Credit

World Language	2 Credits (2 Years)
Physical Education and Wellness	1.5 Credits
Health and Safety	1 Credit (including 9th grade health class)
Electives	1.5 Credits
Mastery-Based Diploma Assessment	1 Credit
TOTAL	25 Credits

In addition to the above requirements, students are required to carry a minimum of 6 full credits per semester to maintain full-time student status and matriculate toward earning a high school diploma.

*The worksheet on the next page is designed to help you plan your 4 year program.

Amity Regional High School

Student Four-Year Planner- Class of 2023 and beyond

Area of Study	Requirement	Grade 9	Grade 10	Grade 11	Grade 12
Humanities 9 Credits	English- 4 credits (4 years)	English I	English II	English III or AP Lit and Com- position	Senior Electives
	Social Studies- 3 credits (3 years) (including Civics)	World History	Modern American History or AP US History	American Govern- ment and Economic Policy or AP US Gov't	
	Arts- .5 Credit (1 semester)				
	Arts, Social Studies, World Language (beyond 2 years) or English Electives-1.5 credits				
STEM	Math- 4 credits (4 years)				
9 Credits	Science- 3.5 credits (3 years)				
	Career and Technology- .5 credit (1 semester)				
	Math, Science, or CTE Electives- 1 credit				
World Language 2 Credits	Chinese, French, Latin, or Spanish- 2 credit				
Physical Education and Wellness 1.5 Credits	Physical Education 9, 10, 11- 1.5 credits (Physical Education Grade 9- .5 credit; Physical Edu- cation 10, 11- .66)	Physical Education 9	Physical Education 10	Physical Education 11	
Health and Safety 1 Credit	Health 9- .5 credit Teen Life, Amity Advocates, Applied Exercise Science, or Nutrition- .5 credit	Health 9			
Electives 1.5 Credit					
Mastery-Based Diploma Assess- ment 1 Credit	Academic/Social/Civic Expectations-.5 credit Authentic Learning Experience- .5 credit				
TOTAL Credits=25					



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Mastery Based Diploma Assessment

Vision (from CT State Dept of Education)

The vision for this work is to ensure all students are prepared for college, career and civic life through multiple and flexible pathways for learning, including mastery-based systems of accountability for student growth.

MBL places emphasis on rigorous college and career learning competencies and quality instruction and curriculum drawn from state graduation requirements and state content standards. Learning will emphasize authentic experiences and application of critical knowledge that students engage in at school, in the community or online.

For ARHS students in the Class of 2023 and beyond, students will need to earn:

.5 credit in Academic/Social/Civic Expectations-students will need to demonstrate “M” for each expectation at least 4 semesters before senior year. (An alternative project will be developed to be completed during senior year for those students who do not meet this requirement for credit)*

(*or at least 50% of the time enrolled at Amity for students who transfer in any time after 1st semester freshman year).

.5 credit in an authentic learning experience--Independent study, SIP, UELP. Every student will finish coursework by the UELP start date (all students must participate in one of the above programs to earn the .5 credit).

* This credit will be P/F and will NOT be included in G.P.A.



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Ability Grouping

A major responsibility of our educators is to offer appropriate level recommendations for each student according to the following criteria. All level recommendations are based on ability, performance, and test scores.

Level Guidelines – Program Focus

The focus of Amity's educational program is to offer a broad spectrum of learning experiences to all students. To this end, the district offers an academic program, which is suited to all levels of mastery. Following is a description of the various learning environments.

- *Level H:* Students enrolled in Level H courses will learn to analyze and synthesize content, to develop original and independent learning activities, and to focus on abstract reasoning and critical thinking. Students recommended for this instructional program will be expected to have achieved grades of C or above in a similar instructional program and/or have exhibited superior reading, writing, and thinking abilities.
- *Level 1:* The focus of this instructional level is to stress mastery and evaluation of content, to increase abstract reasoning and critical thinking skills, and to develop further independent learning activities. Students will develop and maintain the ability to make relevant applications of new concepts. Students entering this instructional program would be expected to have earned grades of C or above in a similar instructional program and/or to have exhibited an excellent mastery of reading, writing, and thinking skills.
- *Level 2:* Courses offered in this program will develop abstract reasoning and thinking skills and introduce students to independent learning activities. Students entering this instructional environment would be expected to have earned grades of C or above in a similar instructional program and/or to have exhibited an acceptable mastery of reading, writing, and thinking skills.
- *Level 3:* This instructional program will emphasize the effective use of present skills and the development of conceptual skills. Students entering this instructional program would be expected to have earned grades of C or above in a similar program and/or have exhibited an acceptable mastery of reading, writing, and thinking skills.
- *Level E:* The focus of Level Electives of instruction is to provide courses in which course objectives and activities are appropriate for all students. These courses receive the same weight in calculating WGPA as a Level 2 course.
- *Combined Level Courses:* In an effort to promote greater heterogeneity, Amity Regional High School offers some combined level courses. In combined level courses, students contract for academic level. Teachers then differentiate instruction, modify expectations, and calibrate assessments with the corresponding level in order to personalize the learning experience.



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

The college-bound student athlete must meet academic and core course requirements in order to qualify for Division I or II college athletic eligibility. If you are a junior student athlete interested in participating in collegiate athletics at the aforementioned levels, see your counselor for updated and specific information regarding the NCAA Eligibility Guidelines.

In-depth description of NCAA requirements and policy is available in the NCAA Eligibility Center's *Guide for the College-Bound Student Athlete*, which is published on an annual basis. Here is the 2022-2023 guide:

http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf

When should a student register with the NCAA Eligibility Center?

When the NCAA Eligibility Center redesigned its registration website at www.eligibilitycenter.org, one of the most significant enhancements was the creation of the profile account. The profile account gives college-bound student-athletes the opportunity to make the best decision about their college choices earlier in their high school careers. Students may now choose from the traditional certification account for those wanting to attend and compete at Division I and II schools, or a free profile account for those attending Division III schools and students who are not yet sure at what school they want to attend and compete.

Registration for a profile account is free and easy. Students should expect 10 to 20 minutes to complete a profile account. Also, if a student with a profile account decides to compete at the Division I or II level, they can easily transition their profile account to a certification account. (A registration fee of \$80 (domestic/Canada) or \$135 (international) is required to begin the certification process.) Students can and should register for a free profile account at any time.

What requirements do I need satisfy in order to be able to receive scholarship money, practice, and compete at an NCAA Division I or II college or university?

You need to complete the following:

1. Graduate from high school;
2. Complete a minimum of 16 (for both Division I and Division II) core courses. An updated list of core courses offered at Amity is available here - <https://web1.ncaa.org/hportal/exec/hsAction> (Amity High School's code is 070965)
3. Present the required grade-point average (GPA) (see the sliding scale in the *Guide for the College-Bound Student Athlete*).
4. Present a qualifying test score on either the ACT or SAT (see the sliding scale in the *Guide for the College-Bound Student Athlete*) – Scores need to be sent directly to the NCAA by the student via the testing agency.
5. Complete the amateurism questionnaire and request final amateurism certification.
6. Make sure that you have completed and returned the signed transcript release form to your counselor.

NCAA Division I Requirements: http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DI_ReqsFactSheet.pdf

NCAA Division II Requirements:

http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DII_ReqsFactSheet.pdf

*Please check with your counselor regarding core courses that may not be NCAA approved. For example: Communications I, Philosophy, Integrated Math I, II, III, Applied Exercise Science, Nutrition, Impacts and Issues, Environmental Science, Unified Science, Adapted Science, and Subtropical Ecosystems in Bermuda DO NOT meet the eligibility requirements for NCAA approval under core courses.



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Policy on Level Waivers

Teachers make course level recommendations for each student according to specific criteria. With parent permission, students may waive up or down one level only from the teacher recommended level. In some cases, students may be required to take an assessment prior to requesting the waiver. The decision to waive up or down should be subject to careful consideration and in collaboration with counselors, teachers, and department chairs.

Summer Assignments

Advanced Placement (AP) and Honors level require the completion of special summer reading assignments, which students are to obtain from the instructor of the AP or Honors course in which they are enrolling. Students who are unable to contact the course instructor should contact the department chairperson for that course or their school counselor.

Policy on Course Failures and Make Up Work

Students who fail a course may make up the course during the summer vacation by doing one of the following:

- With a teacher's permission a student may re-take a course examination following the successful and documented completion of a minimum of 30 hours of instruction. This may be done as part of a summer school program or private tutoring. If the examination is passed, the student will receive credit for the class and a grade of D- will replace the F on the student's transcript.



- Students may make up a failure in a course through the Amity Summer School Program by re-taking the course and successfully completing 60 hours of instruction and by passing the summer school class' final exam. The student will receive credit for the class and a grade of D- will replace the F on the student's transcript.

OR

- Students who fail a course during the regular school year also have the option to re-take the course for credit the following school year. The grade of F for the original class remains on the transcript.



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Summer School for Credit

Students may enroll in the Amity Summer School Program to earn new credit in a new course in order to advance to the next course or the next level in the course sequence, when appropriate. After successfully completing 60 hours for a half year course (.5 credits) or 120 hours for a full year course (1 credit). If the student is enrolled at Amity High School, the student's grade and credit will be posted on his/her Amity transcript and the grade will be averaged into his/her cumulative GPA/WGPA. Students who receive written approval from the department chair and an administrator, may take a summer school course at another school. This course may be used to advance to the next course in the course sequence. The course and grade will be recorded on the student's transcript as a transfer credit once official confirmation is received. However, no Amity credit will be awarded and the grade will not be averaged into the student's GPA.



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Pupil Services, Related Services, and Specialized Instruction

The Department of Pupil Services provides comprehensive services to students at Amity Regional High School including academic, counseling, and multiple related services. These services are recommended through the Planning and Placement Team process which develops an Individualized Education Program (IEP).

Special education and related services are designed to meet the individual needs of the student in order to provide access and support to the general education curriculum. This ensures that students at Amity Regional High School receive a free and appropriate public education.

Special education and related services are provided to students who have been identified through the Planning and Placement Team. An Individualized Education Program (IEP) is developed to support the needs of the individual student.

The Pupil Services Department at Amity Regional High School consist of the following staff:

- Board Certified Behavior Analysts
- Occupational Therapists
- Para-educators
- Physical Therapists
- Registered Behavior Technicians
- School Counselors
- School Nurses
- School Psychologists
- School Social Workers
- Special Education Teachers
- Speech and Language Pathologists

Questions or comments about Pupil Services, Specialized Instruction, and/or Related Services should be directed to Jaime Guthrie, Coordinator of Pupil services or H. Thomas Brant, Director of Pupil Services.



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Career Clusters

In an effort to enhance each student's career awareness, the Connecticut Department of Education has identified sixteen Career Clusters. The clusters are occupations/career areas that share common knowledge and/or skills for career success. Amity High School offers a wide variety of courses that provide a foundation of knowledge for each career area. Below are suggested courses to take for specific career clusters, although many courses can cross multiple career areas. It is recommended that students use this chart as a point of reference when conferencing with his/her school counselor about appropriate course selection and post-secondary planning. Math and English skills are necessary for future success in all areas.

Manufacturing

Intro to Technical Drafting
3D Computer Aided Drafting (CAD)
Modeling
Manufacturing I, II
Arts and Metals
Engineering Design I, II
Physics
Physics and Technology

STEM

Engineering Design I, II
Algebra I, II
Geometry
Precalculus
Calculus, AP
Statistics, AP
Math Concepts & Theory
Biology I, AP
Physics I, AP
Chemistry Intro, I, AP
Human Anatomy & Physiology
Impacts & Issues in Science
Env. Earth Science
Forensics
Environmental Science LE, AP

Robotics

Science Research Program
Technical Applied Science
Physics & Technology
Nutrition & Exercise Science

Marketing, Sales and Service

Marketing
Interior Design
Communications I, II

Transportation, Distribution and Logistics

Know Your Car
Auto Maintenance
Adv Auto Tech
Physics
Physics & Technology

Arts, Audiovisual Tech and Communication

Communications I, II
Ceramics I, II, III
Photography I, II, III
Studio Art I, II, III
3D Design/Sculpture
AP Art History

AP Studio Art, 2D, 3D

Filmmaking I, II
Digital Media Technology
Digital Art
Introduction to Graphics
Introduction to Art History
Screen and Specialty Printing
Theater I, II, III
Technical Theater
Music Theater Workshop
Music Through Time
Music Theory
Career Training
Journalism
Broadcast Journalism
Strings
Strings Ensemble
Symphony Orchestra
Symphonic Wind Ensemble
Concert Band
Concert Choir
Concert Orchestra
Chamber Orchestra
Honors Choir



AMITY REGIONAL HIGH SCHOOL

PROGRAM OF STUDIES

Guitar: Evolution of Rock and Roll

Music Theory, AP Music Theory

Electronic Music

Studio Recording

Voice Class

Business Management

and Administration

AP Computing

Accounting I

Advanced Accounting

Economics

It's the Law

Entrepreneurship

Agriculture, Food

And Natural Resources

Nutrition

Exercise Science

Architecture & Construction

Construction I, II

Advanced Carpentry

Exploring Tech Ed

Intro to Technical Drafting

3D Computer Aided Drafting (CAD)
Modeling

Architectural Drafting

Education and Training

Psychology

Communications I, II

Finance

Statistics

Financial Literacy

Accounting I

Advanced Accounting

Government

and Public Administration

Critical Issues

Expository Writing

Journalism

Broadcast Journalism

US History I, II

Modern American Issues

Health Sciences

Anatomy & Physiology

Health 9

The Science of Food

Hospitality & Tourism

Culinary Essentials

Adv. Culinary I, II

International Cuisine

American Cuisine

Creative Kitchen

The Science of Food

Human Services

Psychology LE, AP

Sociology

It's the Law

Communications I, II

Information Technology

Introductory Computing

Intermediate Computing

AP Computing

Computer Applications

Web Design

Law, Public Safety,

Corrections and Security

It's the Law

Critical Issues

Sociology

Psychology LE, AP

Communications I, II

Journalism

CAREER AND TECHNICAL EDUCATION

AMITY REGIONAL HIGH SCHOOL

Amity High School Manufacturing Pre-Apprenticeship Certificate Program

Through the Amity Pre-Apprenticeship program, students will have the opportunity to develop entry-level skills in pursuit of a career in manufacturing. Upon completion of the program, students will earn a Pre-Apprenticeship Completion Certificate 200 hour on the job (OJT) credit applicable to a manufacturing apprenticeship program registered with the CT Department of Labor's Office of Apprenticeship Training.

A student, as a registered pre-apprentice, may also earn additional on-the-job credits toward a Registered Apprenticeship if employed, on a part time basis, after school as part of a Work Based Learning release program that may be established by the school and an apprenticeship employer sponsor approved by the Office of Apprenticeship Training.

Pre-Apprentices can carry up to 2,000 hours of on-the-job experience into their registered apprenticeship program upon graduation similar to how an Advanced Placement (AP) program is designed and recognized.

Amity Pre-Apprenticeship Program requirements:

Students must earn a B+ or better in the Manufacturing 1 and Manufacturing 2 courses

Students must earn a C or better in all other courses taken as part of the program.

Career & Technical Education Courses

Manufacturing 1

Manufacturing 2

Any **two** of the following CTE Electives:

Introduction of Technical Drafting

3D CAD Modeling

Engineering Design 1

Engineering Design 2

Construction 1

Construction 2

Arts and Metals (formerly Materials, Design & Functions)

Math Course

Algebra 2 or Integrated Math 3

Science Course

Science & Tech or Physics or Chemistry

CAREER AND TECHNICAL EDUCATION

AMITY REGIONAL HIGH SCHOOL

CTE COURSES by CAREER CLUSTERS

CULINARY CAREER CLUSTERS

Hospitality & Tourism		
Course	Prerequisite	Grades
Culinary Essentials		9-12
The Science of Food	2 years of Science	11-12
International Cuisine	Culinary I or Culinary Essentials or The Science of Food	10-12
American Regional Cuisine	Culinary I or Culinary Essentials or The Science of Food	10-12
The Creative Kitchen	Culinary I or Culinary Essentials or The Science of Food	10-12
Advanced Culinary I	Culinary I or Culinary Essentials or The Science of Food	10-12
Advanced Culinary II	Advanced Culinary I	10-12

BUSINESS and FAMILY & CONSUMER SCIENCES CAREER CLUSTERS

Finance	
Financial Literacy (contracted levels)	9-12
Accounting I	10-12
Advanced Accounting (LH)	10-12
Marketing	10-12

Business Management and Administration	
Economics	10-12
It's the Law	10-12
Entrepreneurship	10-12

CAREER AND TECHNICAL EDUCATION

AMITY REGIONAL HIGH SCHOOL

CTE COURSES by CAREER CLUSTERS

TECHNOLOGY CAREER CLUSTERS

Architecture & Construction		
Course	Prerequisite	Grades
Exploring Technology Education		9
Exploring Production & Construction		9
Introduction To Technical Drafting		9-12
Construction I		10-12
Construction II	Construction I	10-12
Advanced Carpentry	Construction I and Construction II	11-12
Introduction To Technical Drafting		9-12
3D CAD Modeling	Introduction To Technical Drafting	9-12
Engineering Drafting	Introduction To Technical Drafting 3D CAD Modeling	10-12
Architectural Drafting	Introduction To Technical Drafting	10-12

Manufacturing & Engineering		
Course	Prerequisite	Grades
Exploring Technology Education		9
Manufacturing I		10-12
Manufacturing II	Manufacturing I	10-12
Engineering Design I		10-12
Engineering Design II	Engineering Design I	10-12
Arts and Metals		11-12
Robotics	Geometry	10-12

Information Technology	
Introductory Computing	9-12
Intermediate Computing	9-12
Web Design	9-12
Computer Applications	9-12
Digital Media Technology	9-12
Intro. To Graphics	10-12
Screen & Specialty Printing	10-12

Transportation, Dist. And Logistics		
Course	Prerequisite	Grades
Exploring Technology Education		9-12
Know your Car		10-12
Auto Maintenance	Know your Car	10-12
Advanced Auto	Auto Maintenance	12

CAREER AND TECHNICAL EDUCATION

AMITY REGIONAL HIGH SCHOOL

BUSINESS

Business education courses are thoughtfully designed to provide a solid foundation of the business world through a variety of courses offered. These classes will prepare students to be real world thinkers teaching skills such as problem solving, communication, collaboration, and planning. The business pathway is encouraged for all students, no matter if they plan to attend college, a technical school, enter the job force, or armed forces.

Financial Literacy — Grades 9, 10, 11, 12

Half year - Level 1, 2, 3 (by contract) .5 Credit

This half year course is an intense class designed to prepare students to be a financially responsible adult. To begin the process, students will establish lifetime financial goals and a budget by investigating career options and potential income and expenditures. Also included in this course is the evaluation of the banking system which we will accomplish by analyzing the effects of the economic decisions implemented by the governors of the central banking system and federal/state politicians. Students will leave the course with a firm understanding of banking, checking, IRAs, taxation, credit, insurance, and government run programs such as Social Security, Medicare, and Medicaid.

Students will:

- Identify ways to use and protect their credit
- Use a checking account effectively
- Read and complete a loan application

TECHNOLOGY EDUCATION

Technology Education presents exciting, hands-on technical courses in communications, manufacturing, construction, and transportation fields. Students collaborate with peers and faculty on real-world problem solving, learning industry-standard skills through the use of cutting-edge equipment and technology. Varied learning opportunities are available to help students plan for a variety of post-secondary career and college pathways

COMMUNICATIONS TECHNOLOGY

Exploring Technology Education – grades 9, 10

Half year LE .5 Credit

In this career exploratory class, students will be able to sample four of Amity High School's courses offered through the Technology Education department. By rotating through each area, students will get a sense of how the areas can be connected as well as how they differ. This course will allow the students to find out what area interests them. Ultimately, the course will help the students plan what pathway may best suit their needs for a possible future career. During this course students will rotate through the following areas: Automotive, Computer-Aided Design (CAD), Construction and Manufacturing.

Students will:

- Identify and practice proper safety procedures in a shop setting.
- Use the basic operations of CAD software to draw up designs that will be manufactured/built in the other portions of the course.
- Identify and practice dimensional measurement systems and tools used in the four shops.
- Identify and apply separating, joining, and finishing material processes
- Introduce students to basic CNC programming and use of the machines.
- Identify and practice safe use of stationary and portable equipment to process material
- Identify and use a large variety of hand tools and power tools.

CAREER AND TECHNICAL EDUCATION

AMITY REGIONAL HIGH SCHOOL

- Explain the basics of vehicle operation, required maintenance and service procedures.
- Identify career paths related to Automotive, CAD, Manufacturing and Construction fields.

Digital Media Technology — Grades 9, 10, 11, 12

Half year - Level E .5 Credit

Students will learn to use software and systems to create high end display & animated graphics, movie clips, graphic designs, large format posters suitable for framing, 3D modeling & Cad, Android Apps and more. This hands-on course is designed to provide introductory experiences with a broad selection of creative software and systems, giving students opportunities to produce projects that are interesting and valuable to them. Additionally, these experiences can help students make informed decisions about elective course selection as they move through Amity and as they begin to make decisions about career paths. Students will have opportunities to develop a focus area of interest, making this a student centered and somewhat individualized experience. The applications used in the course will change over time as technology evolves and as trends emerge.

Students will:

- Have multiple experiences with modern software applications that are related primarily to communication technologies.
- Gain technical competencies that are helpful in making future CTE & STEM course selections tied to areas of interest.
- Create a variety of projects that may be printed and mounted to rigid materials or saved digitally for computer display.

Introductory Computing — Grades 9, 10, 11, 12

Half year - Level E .5 Credit

Prerequisite: Grade of B or better in Algebra I.

The course provides an introduction to computer science foundations and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills.

Students will learn to code using the Python coding language while being introduced to core programming concepts like data structures, conditionals, loops, variables, and functions. This course includes an overview of the various tools available for writing and running Python, and gets students coding quickly.

Students will:

- Write and run Python programs using a browser based integrated development environment (IDE).
- Identify core aspects of programming and features of the Python language
- Design and write fully-functional Python programs using commonly used data structures, custom functions, and reading and writing to files.
- Build a simple console-based game.

Intermediate Computing — Grades 9, 10, 11, 12

Half year - Level 1 .5 Credit

Prerequisite: A Grade of C or better in Introductory Computing or permission of Department Chair.

This course builds on the communications and programming skills learned in Introductory Computing. This course introduces students to the foundational concepts of computer science and programming in Python. With a unique focus on creative problem solving and real-world applications, students are challenged to explore how computing and tech-

CAREER AND TECHNICAL EDUCATION

AMITY REGIONAL HIGH SCHOOL

nology can impact the world.

Students will:

- Learn various ways to utilize functions to create cleaner and more manageable code
- Apply Object Oriented Programming to ensure code remains modular, clear, and understandable.
- Create custom iterators using generator functions.
- Explore how computing and technology can impact the world and society.

Computer Applications — Grades 9, 10, 11, 12

Half year - Level E .5 Credit

Are you looking forward to starting college or entering the workplace? This course will provide you with the essentials necessary to be prepared for the workforce. No matter what field of study you intend on pursuing, these skills are an absolute necessity. Among the computer software programs that students will use are Microsoft Excel (spreadsheet), Word (database), and PowerPoint (presentations combining text, graphics, color, sound, and animation). A desire to learn and work independently as well as with other students will be a primary focus of the learning process.

Students will:

- Demonstrate an ability to prepare and interpret spreadsheet data
- Interact in sharing ideas and opinions in the process of completing work
- Create and develop technology-assisted presentations using the Microsoft PowerPoint graphics software program

Web Design — Grades 9, 10, 11, 12

Half year - Level E .5 Credit

Introduction to Web Design covers a range of areas involved in creating and maintaining a multi-page web site. After looking at the Internet and what it entails, students will learn the basic elements of an (X) HTML web page. Students will have the opportunity to learn how to use a web design program as another means to creating web pages. Also, students will utilize a graphic design program to create their own images for their web sites. After completing structured learning activities, students will plan, document and create web sites demonstrating their understanding of the elements of design and coding they have learned.

Students will:

- Create a simple web page using the correct codes
- Create lists and tables on a web page
- Code a web page given all the images, texts, and links to appear on the page
- Design and create a web site of four or more pages
- Learn about plagiarism, copyright infringement and ethical use of information they will incorporate on their pages
- Design various graphics using Adobe Photoshop

PRODUCTION COURSES

Intro to Technical Drafting — Grades 9, 10, 11, 12

Half year - Level E .5 Credit

Technical drawing is one of the most important and satisfying skills one can have for a career in the engineering, architectural and mechanical fields. Students taking this course will learn and use industry standards of technical drafting to represent objects. Students will utilize both traditional methods of technical drawing by hand as well as networked computers equipped with AutoCAD software. Students will learn to do drafting assignments on this computer program

CAREER AND TECHNICAL EDUCATION

AMITY REGIONAL HIGH SCHOOL

and understand the power computers bring to technical drafting. They will learn to produce multi-color productions of their work on A-E size color plotters. Sketching, geometric construction, multi-view, sectioning, isometric, and auxiliary views are a few types of drawings that students will learn. Students will also learn how to use a laser engraver with a CAD system.

Students will:

- Learn the correct use of drafting tools and instruments in completing industry related drawings
- Learn the basic commands of AutoCAD to complete industry related drawings.
- Save to and print to various printers and plotters using a network environment.
- Use industrially accepted standards in drawing and dimensioning.
- Learn how to do orthographic projection, sections, geometric construction, dimensioning, architectural and pictorial drawings
- Design and build a design using CAD and a laser engraving system

3D CAD Modeling — Grades 9, 10, 11, 12

Half year - Level E .5 Credit

Prerequisite: Introduction to Technical Drafting

3D CAD Modeling is a growing industry used by many fields to design and create prototypes for a number of items including but not limited to toy designs, automotive and machine parts, architectural models, etc. Networked computers will be used to teach students how to design and create 3D CAD Models using 3D CAD software. Students will also learn the power of rapid prototyping to create actual prototypes in 3D.

Students will:

- Learn the basics of a 3D CAD program to create 3D CAD models
- Learn the power of rapid prototyping using a Dimension 3D Model Printer and a laser engraver system to create physical models

Exploring Production & Construction – Grade 9

Half Year - Level E .5 Credit

Students will work together on a variety of activities to learn new skills and techniques in manufacturing and construction. They will develop, plan, and manufacture desired items and will learn the basic phases of the manufacturing process. Students demonstrate their ability to perform building operations with basic competency and safety. Planning includes the efficient use of available resources and sketching drawings to scale. Students will continue to learn more about themselves and the world of production through the unique challenges offered by this course.

Students will:

- Demonstrate an understanding of the safe use of all the tools and power equipment available in the Tech. Ed. Lab
- Develop their problem-solving skills
- Develop an insight into the impact of technology on society
- Explore real world problems that involve using tools, materials, processes, and systems in the context of the five technological systems

TRANSPORTATION COURSES

Exploring Technology Education – grade 9

Half year –LE .5 Credit

CAREER AND TECHNICAL EDUCATION

AMITY REGIONAL HIGH SCHOOL

In this career exploratory class, students will be able to sample four of Amity High School's courses offered through the Technology Education department. By rotating through each area, students will get a sense of how the areas can be connected as well as how they differ. This course will allow the students to find out what area interests them. Ultimately, the course will help the students plan what pathway may best suit their needs for a possible future career. During this course students will rotate through the following areas: Automotive, Computer-Aided Design (CAD), Construction and Manufacturing.

Students will be able to:

- Identify and practice proper safety procedures in a shop setting.
- Use the basic operations of CAD software to draw up designs that will be manufactured/built in the other portions of the course.
- Identify and practice dimensional measurement systems and tools used in the four shops.
- Identify and apply separating, joining, and finishing material processes
- Introduce students to basic CNC programming and use of the machines.
- Identify and practice safe use of stationary and portable equipment to process material
- Identify and use a large variety of hand tools and power tools.
- Explain the basics of vehicle operation, required maintenance and service procedures.
- Identify career paths related to Automotive, CAD, Manufacturing and Construction fields.

FAMILY and CONSUMER SCIENCES

Family studies encompasses courses that instill strong collaborative and problem solving skills and opportunities for planning and improving communication skills. Real world experiences are a focus within the curriculum, demonstrated through labs and hands-on projects. Celebration and discovery of diverse cultures are incorporated throughout the curriculum. The various Family Studies electives should interest students who are pursuing post-secondary education, developing employable skills and responsible decision-making habits.

Culinary Essentials- Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

This course introduces students to basic baking and cooking skills and techniques. Students will begin by building a safety and sanitation foundation that will allow them to practice food preparation and procedures safely under proper conditions. Culinary Essentials will serve as a prerequisite and provide students with the necessary skills to enter all of the advanced culinary classes offered in the program.

Students will:

- Identify and practice safety and sanitation procedures.
- Practice measuring, conversion and portioning techniques.
- Explain the functions of ingredients and effectively read standardized recipes.
- Produce a variety of quick breads and yeast breads.
- Identify the parts and functions of eggs and produce various recipes using eggs.
- Describe and demonstrate the processes for preparing baked goods and desserts.
- Prepare a variety of soups and sandwiches using previous baking knowledge.
- Plan and execute meal planning and production (including various proteins, pastas, grains, fruits, vegetables, and salads.)
- Demonstrate quality service, in a catering experience

ENGLISH

AMITY REGIONAL HIGH SCHOOL

Amity's English program is a coordinated six-year sequence spanning grades seven through twelve. Our program integrates the language arts skills of reading, writing, listening, and speaking. The cornerstone in the development of these skills is clear, perceptive and imaginative thinking.

The English Department believes that literature exposes students to ideas that may challenge, confirm or broaden their perspective. Because we believe studying literature enables students to learn about the world outside our classroom and to be aware of social issues, we guide all students toward an appreciation and an interest in diverse forms of literature - both literary and informational. The department maintains a firm belief in the power of literature as a means of connecting-spanning time, place and experience. The skills to read, write, speak, listen, and think effectively enable students to recognize their place in the challenging world around them-to respect what has come before and to assume a role in the world they will help to shape. We believe in creating environments where students feel comfortable expressing ideas, asking questions, and disagreeing with each other in thoughtful, insightful ways. We strive to cultivate empathy in our students for others in circumstances both like and unlike their own. We want students to have both the skills and the confidence to communicate because we believe that students have ideas worth expressing. The Common Core State Standards provide the framework for those skills and knowledge that all high school graduates need to master to succeed in college and careers.

English I — Grade 9

Full Year - Levels 1, 2, 3 1 Credit

This course focuses on the skills of reading, writing, language, and speaking and listening. Students read and respond to the work of classic and contemporary authors with a focus on the novel, memoir, and Shakespearean play. Composition work includes argumentative and narrative writing and stresses analytical thinking, organization, and using textual evidence to support a claim. This course addresses vocabulary study and the use of the conventions of standard English grammar.

Students will:

- Write arguments to support claims using valid reasoning and relevant and sufficient evidence
- Adapt speech to a variety of contexts and communicative tasks
- Read to understand and analyze theme, point of view, and author's craft, both explicit and implicit
- Study and practice use of the conventions of standard English grammar
- Study vocabulary in context as well as prefixes and suffixes
- analysis and reflection
- Demonstrate and apply command of mechanics and usage



MATHEMATICS

AMITY REGIONAL HIGH SCHOOL

Course Sequence

Grade 9	Integrated Math I	Algebra I L3	Algebra I L2	Algebra I L1	Geometry L2	Geometry L1	
Grade 10	Integrated Math 2	Geometry L3	Geometry L2	Geometry L1	Algebra II L2	Algebra II L1	Algebra II LH
Grade 11	Integrated Math 3	Algebra II L3	Algebra II L2	Algebra II L1	Algebra III with Trig L2	PreCalculus L1	PreCalculus LH
Grade 12	Math Concepts L2/3	Math Concepts L2/3	Algebra III with Trig L2 Statistics	PreCalculus L1 Statistics L1	PreCalculus L1 Statistics L1	Calculus L1 Statistics L1	AP Calculus AB/BC AP Statistics

As shown above, standard course pathways of mathematics education at Amity High School are dependent on a student's ninth grade entry course. Variations and lane changes are common for a number of reasons. Some examples include teacher recommendations, placement assessments, parent/student decisions, met prerequisites, and other earned credits. Any course descriptions which include minimum grades or level of prior courses as prerequisites must be adhered. All described prerequisites supersede any possible variation interpreted from the diagram above.

Use of a graphing calculator will be required for Algebra II and courses beyond.

Summer school courses taken for credit or advancement in sequence must be approved in writing by the Mathematics Department Chair and the Director of Counseling Services. Students will be required to pass our mid-term and final exams prior to the start of school.

Integrated I: Algebra and Geometry – Grade 9

Full Year – Level 3

1 Credit

Students will partake in an integrated approach to master both algebraic and geometric core standards.

Integrated I is intended to be a 2-year course. To create a more personalized learning experience, Integrated classes use a blended instruction approach in a co-taught classroom environment. Students will be assessed as to their incoming level of Algebra readiness before investigating Algebra I and Geometry topics. Starting with number sense, inequalities, vocabulary, and calculator basics, students continue to build Algebraic skillsets upon a framework supported by Geometric diagrams and relationships.

Students will:

- Comprehend geometry vocabulary, basic postulates, and theorems, with a focus on proper notation
- Solve equations arising through geometric relationship (including variables on both sides, no/all solutions)
- Describe functions (proper notation, domain, range, increasing, decreasing)
- Graph all forms of linear functions, graph inequalities, and plot geometric figures on a coordinate plane
- Evaluate formulas (area, volume, etc.) to reinforce order of operations
- Calculate slope (rate of change) and write equations of lines

MATHEMATICS

AMITY REGIONAL HIGH SCHOOL

Algebra I – Grade 9

Full Year - Levels 1, 2, 3

1 Credit

Recommendations: Algebra I L1– A or better in 8th grade Math; Algebra I L2– C or better in 8th grade Math. Students will build upon previous knowledge of linear equations and relationships. They will learn to define, evaluate, and model situations utilizing linear, quadratic functions. Emphasis will be placed on using a variety of representations for each function; the algebraic equations, the graphs, and the corresponding tables.

Students will:

- Solve linear and quadratic equations
- Solve a system of linear equations and inequalities
- Graph linear, exponential, and quadratic functions
- Select appropriate methods/models for problem-solving and utilize function notation
- Use function notation

Level 1 Algebra will also include inequalities and exponential functions

Geometry – Grades 9, 10

Full Year - Grade 9: Level 1

1 Credit

Grades 10: Levels 1, 2, 3

Prerequisite: Completion of Algebra I

Recommendations: Geometry L1 – A- or better in Algebra 1 L1 or B or better in 8th grade Adv. Math and teacher recommendation. Geometry L2 – B- or better in Algebra 1 L2.

This course will introduce students to the concepts of Euclidean Geometry. The course topics include identifying and comparing geometric shapes, area and volume, ratio and proportion, logic, and transformations. Students will apply geometric concepts to real life problems. Students will also use counting principles and the rules of probability, including conditional probability, to solve real world problems.

Students will:

- Understand and apply the properties of points, lines and planes, including parallel and perpendicular lines and planes, and intersecting lines and planes and their angles of incidence
- Classify figures in terms of congruence and similarity and apply these relationships
- Write geometric proofs
- Calculate and apply the concepts of perimeter, area, and geometric solids.
- Develop, use, and explain applications of ratio, proportion and trigonometric ratio
- Calculate the circumference and area of a circle
- Evaluate angles and segments of circles formed by intersecting chords, secants, and tangents

PHYSICAL EDUCATION / HEALTH

AMITY REGIONAL HIGH SCHOOL

The Amity Health and Physical Education department looks to provide a comprehensive experience for learners to progress and develop personal competencies in collaboration, communication, empathy, problem solving and planning.

In Health, students develop the ability to promote overall health and wellness through hands-on and skills-based learning. Students use a variety of learning activities to build health-literacy. The courses use communication skills to drive class discussions leading students to new understandings. Collaborative learning assignments provide the opportunity to advocate for individual and school-wide health promotion. The Mental and Emotional Health unit provides students the opportunity to build empathy skills through a variety of class discussions and activities acknowledging the feelings of others, and demonstrating compassion through a multitude of topics. Throughout the Nutrition unit, students develop the ability to plan by making healthy choices that promote their own wellness through the creation of nutrition and exercise plans. All of our units encourage students to practice problem solving by demonstrating their ability to analyze and synthesize information which is shown by their ability to ask thoughtful and insightful questions.

In Physical Education students participate in fitness, sport-education, and health related topics. Students use curricular experiences to build collaborative skills through partner and group work paired with physical activity in a variety of ways. Every class presents the opportunity to collaborate, communicate, and plan ways to maximize physical activity and improve overall health and wellness. Empathy is essential to all classes, which are unleveled, and incorporate students with wide-ranging ability levels.

The experience students gather as a result of their Health and Physical Education experience will instill a comprehensive foundation of knowledge and abilities that will lead to lifelong health and wellness.

Health and Physical Education Course Offerings

Grade 9	Physical Education 9	9th Grade Health & Wellness	Adapted Physical Education
Grade 10	Physical Education 10/11		Adapted Physical Education
Grade 11	Physical Education 10/11		Adapted Physical Education
Grade 12			Adapted Physical Education

Grade9	Unified Physical Education				
Grade10	Unified Physical Education	Teen Life			
Grade 11	Unified Physical Education	Teen Life	Amity Advocates	Nutrition	Exercise Science
Grade 12	Unified Physical Education		Amity Advocates	Nutrition	

PHYSICAL EDUCATION / HEALTH

AMITY REGIONAL HIGH SCHOOL

Physical Education – Grades 9, 10, 11

Courses include:

Physical Education 9 – half year course (Grade 9 State of Connecticut graduation requirement) **.5 credit**

Physical Education 10/11 (Grade 10-11, State of Connecticut graduation requirement)-

Full year– meets 2X per cycle .33 credit

Throughout the duration of the course, students cultivate their comprehension and abilities to work toward the dispositions of the Portrait of the Graduate.

Students are provided with opportunities to demonstrate their ability to be an empathizer that continuously grows their capacity to understand multiple perspectives.

Embedded within the fitness based curriculum, students develop their problem solving abilities and planning strategies while collaborating with their peers.

Communication plays a key role within this discipline where students are encouraged to clearly, confidently and effectively read, write, speak and listen across various formats and contexts.

This includes but is not limited to; physical activity, various assessments, technology based learning, peer evaluation, leadership roles

Health 9– Grade 9

Half Year– Level E .5 Credit

Our comprehensive, mandated curriculum includes units related to: Mental and Emotional Health, Substance Abuse & Addiction, Human Sexuality, and Nutrition. All Health Education classes are taught by state-certified and experienced health teachers.

Students will:

- Comprehend concepts related to health promotion and disease prevention to enhance health.
- Analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.
- Demonstrate the ability to access valid information, products, and services to enhance health
- Demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.
- Demonstrate the ability to use decision-making skills to enhance health.
- Demonstrate the ability to use goal-setting skills to enhance health.
- Demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks.
- Demonstrate the ability to advocate for personal, family, and community health.

Physical Education- Unified- Grades 9, 10, 11, 12

Half Year– Level E .5 Credit

This course combines students with special needs with typical students (partners) to engage in lifetime fitness and sports related concepts and activities in a physical education class setting. It also builds collaboration, empathy and persistence for all students who are enrolled in the class. Essential Benchmarks:- Students will: Learn social interaction between students with special needs and typical peers. Improve fitness now and in the future by learning life-

PHYSICAL EDUCATION / HEALTH

AMITY REGIONAL HIGH SCHOOL

time skills that will lead to an active and healthy lifestyle. Problem solve and support each other through leadership opportunities and student collaboration. Prepare for participation in interscholastic unified sports competition.

Physical Education– Adapted – Grades 9,10,11,12

Full Year – Level E

.5 Credit

Adapted Physical Education is geared toward students in the high school "SAILS Program" with a purpose of affording students physical fitness and life skills to lead a physically active lifestyle. Students in Adapted Physical Education are combined with typical students (partners) in the Unified Physical Education Class. The major goals of the course are for students to interact in a positive and supportive manner with each other, build self-confidence in their physical abilities and continue to demonstrate perseverance, collaboration, empathy and persistence for all students who are enrolled in the class.

Students will:

- Become capable in leading a physically active and healthy lifestyle
- Interact positively with others during physical activity
- Persevere through challenges
- Support peers in their endeavors

SCIENCE

AMITY REGIONAL HIGH SCHOOL

SCIENCE SEQUENCE

	Honors / Level One	Level Two	Level Three
Grade 9	Biology I L1 Science Research Year 1 LH	Biology I L2	Biology I L3 Integrated Science L3 Adaptive Science L3
Grade 10	Chemistry I LH/L1 Science Research Year 1 LH Advanced Science Research LH	Chemistry I L2 Unified Science LE	Chemistry I L3 Integrated Science L3 Adaptive Science L3
Grade 11	Physics I L1 Human Anat & Phys. LH/L1 Marine Bio & Ocean. LH/L1 Advanced Courses: AP Biology LH AP Chemistry LH AP Env. Science LH AP Physics 1 LH Advanced Science Research LH	Physics I L2 Human Anat & Phys. L2 Marine Bio & Ocean. L2 Semester Electives: Forensic Science LE/L1 Env. Science LE Impacts & Issues LE Nutrition LE Exercise Science LE The Science of Food LE Unified Science LE	Human Anat & Phys. L3 Science,Tech.,& Engineering L3 Integrated Science L3 Adaptive Science L3
Grade 12	Physics I L1 Human Anat & Phys. LH/L1 Marine Bio & Ocean. LH/L1 Advanced Courses: AP Biology LH AP Chemistry LH AP Env. Science LH AP Physics 1 LH AP Physics C LH Advanced Science Research LH	Physics I L2 Human Anat & Phys. L2 Marine Bio & Ocean. L2 Semester Electives: Forensic Science LE/L1 Env. Science LE Impacts & Issues LE Nutrition LE Exercise Science LE The Science of Food LE Unified Science LE	Human Anat & Phys. L3 Science,Tech.,& Engineering L3 Integrated Science L3 Adaptive Science L3

SCIENCE

AMITY REGIONAL HIGH SCHOOL

The goals of the Science Department are to nurture an enjoyment of science, to understand its use in our everyday life, to foster an active awareness of the role science plays in local and global environmental issues and to help students manage the increasing volume of scientific information.

All courses emphasize the development of scientific skills needed for living in an increasingly technological society. These include reasoning and thinking skills, problem-solving, technical writing and reading scientific materials. All laboratory courses stress the mastery of proper laboratory techniques. In addition, good mathematical skills are important tools for chemistry and physics.

Students will:

- Formulate a testable hypothesis and design and carry out an experiment that reflects the logical connections to the scientific concepts guiding the hypothesis
- Use technology to collect and analyze data. Use mathematical tools and models to guide and improve the posing of questions, gathering of data, constructing explanations and communicating results
- Propose an explanation of a scientific investigation that is logically consistent and abides by the rules of evidence
- Communicate explanations and findings effectively; write and follow procedures; express concepts; review, interpret, and summarize data; create and interpret charts and diagrams; speak clearly and logically; and construct an explanation.

Biology I – Grade 9

Full Year - Levels 1, 2, 3

1.34 Credit

The study of science in Grade 9 emphasizes basic biological concepts and how they relate to the human and cultural conditions of the contemporary world. Major units of study include the chemical basis of life, cell structure and function, microbiology, botany, invertebrate and vertebrate zoology, human biology, genetics, aspects of evolution, and taxonomy. Ecological relationships in our environment also are considered. Laboratory investigations are designed to develop techniques and the intellectual process skills associated with the biological sciences. Science inquiry and Next Generation Science Standards are emphasized

Students will:

- Describe and demonstrate that cells have specialized structures to carry out cell functions and that most cell processes involve chemical reactions
- Analyze and interpret data supporting that DNA provides the instructions for specifying the characteristics of all organisms. Also that passing on genetic information is different in the cell division processes of mitosis and meiosis
- Differentiate between organisms using inherited characteristics and classify organisms using biological classification schemes
- Predict the flow of energy and materials through ecosystems from the sun by using food webs, trophic level pyramid models and population growth patterns
- Describe the capture of energy by plants in the process of photosynthesis and the storing and release of energy through cellular respiration

SCIENCE

AMITY REGIONAL HIGH SCHOOL

Integrated Science I, II, or III – Grade 9, 10, 11, 12

(Integrated Science follows a yearly sequence. Integrated Science I will run in the 2023-2024 school year)

Full Year - Level 3

1 Credit

Integrated Science is a three year spiraled course encompassing the Next Generation Science Standards of life, earth and physical sciences. While the courses are designated Integrated Science I, II, III; students can take any course in the sequence at any time. This course is designed to explore a scientific phenomenon and to explain its relevance to the life earth and physical sciences as well as the overlap among disciplines.

Integrated Science I will cover how chemical reactions can impact structure and functions of matter to cycle matter and energy to support life on Earth.

Integrated Science II will cover the building blocks of the earth in the form of plate tectonics, weather and climate, as well as the building blocks of life such as cell structure, natural selection and growth and development.

Integrated Science III will cover adaptation, human impact on earth systems and ecosystem dynamics as well as how to use physical laws and phenomena to impact our future.

Students will:

- Explore phenomena relating atomic and chemical characteristics to the Earth systems that makes human life on Earth possible? (Year 1)
- Review scientific processes to explain the current state of all life on Earth at the cellular and organismal level. (Year 2)
- Review scientific processes that must develop or change in order for life to adapt to the constantly changing ecosystems on Earth. (Year 3)

Adapted Science I, II, and III– Grades 9, 10, 11, 12

Full Year – Level E

1 Credit

(Adapted Science follows a yearly sequence. Adapted Science I will run in the 2023-2024 school year)

Adapted Science is geared toward students in the high school "SAILS Program" with a purpose of providing life and physical science skills to make informed safe decisions. Students in Adapted Science are combined with typical students (partners) in the Unified Science Class. The major goals of the course are for students to interact in a positive and supportive manner with each other. Students will learn the scientific method and use it to collaboratively explore scientific phenomenon through collaboration and experimentation. Students will build self-confidence in their problem solving abilities and continue to demonstrate perseverance, collaboration, empathy and persistence for all enrolled in the course.

Students will:

- Become capable of thinking scientifically to make informed decisions
- Interact positively with others during science labs and group activities
- Persevere through challenges
- Understand life and physical science phenomenon
- Learn the scientific skill necessary to become a contributing member to a just society

Science Research—Year 1– Grades 9, 10

Full Year – Level H

1 Credit

Students must apply for admission to this program. Acceptance into the program will be based on a science teacher recommendation, a written essay, and excellent academic grades. Students must be self-directed and capable of independent goal setting and achieving with instructional guidance.

SCIENCE

AMITY REGIONAL HIGH SCHOOL

Subtropical Ecosystems in Bermuda – Grades 9, 10, 11, 12

Level E

.5 Credit

Students will study a subtropical ecosystem on site. Course content may include coral reefs and associated marine life, water and soil chemistry, subtropical island geology, terrestrial animal and plant life, subtropical weather patterns and the culture of a subtropical island. First-year students will participate in teacher-guided experiences. Second-year students will study selected first-year topics in depth and will design, perform, and report on an independent investigation or will participate in an international data collection through reef.org. Student selection is at the discretion of the project teachers. Two science teacher recommendations and a good behavioral record are required for selection. This course is a Concentrated Studies offering and students will receive a pass/fail grade.

Students will:

- Identify and describe selected marine plants and animals and the roles they play in the ecosystem
- Identify and describe selected terrestrial plants and animals and the roles they play in the ecosystem
- Describe the island's land forms and discuss their origins

SOCIAL STUDIES

AMITY REGIONAL HIGH SCHOOL

Amity's Social Studies Program (Grades 9-12) is designed to provide students with a well-rounded study of the significant developments in history and the social sciences. Courses draw their content from a wide variety of social science disciplines. Emphasis is placed on the study of key concepts and the development of important skills necessary to become lifelong learners. These skills include reading comprehension, writing, research, oral communication, critical thinking and technology.

World History – Grade 9

Full Year - Levels 1, 2, 3

1 Credit

The World History program traces the development of world affairs from the late eighteenth century to the present day. The course explores the themes of revolution, nationalism, imperialism, world war and peace, and globalization. Emphasis is placed on the study of key concepts, research and technology skills and the further development of reading and writing strategies, including the argument and informative/explanatory essay. All students will be encouraged to think critically and communicate their ideas to others. The degree of emphasis will vary according to the level selected.

Students will:

- Develop writing skills and strategies for constructing the argument and informative/explanatory essay including the skills necessary to respond to contradictory data
- Utilize critical thinking skills to analyze and interpret primary and secondary source material
- Demonstrate an understanding of the various political and economic systems and their interdependence
- Evaluate the development of the desire for political autonomy and self-determination
- Examine attempts of various nations to limit arbitrary power and/or dictatorial rule
- Recognize the continuing importance of historical thinking and historical knowledge in their life and the world in which they live

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

The Visual and Performing Arts Department looks to provide a comprehensive experience for students in grades nine through twelve. Courses are teacher-directed yet flexible to allow students to express themselves beyond course parameters. Our goals are to help the learners develop personal competencies in the areas of collaboration, communication, empathy, problem solving and planning. **Please visit our [website](#) for more information.**

Visual Arts Courses		Performing Arts Courses	
<u>Two Dimensional Courses</u>		<u>Ensemble Courses</u>	
Studio Art I	Studio Art III	Concert Band*	Symphonic Wind Ensemble*
Studio Art II	AP 2-Dimensional Art	Concert Choir*	Honors Choir*
		Concert Orchestra*	Chamber Orchestra*
<u>Three Dimensional Courses</u>		Strings Class*	Symphony Orchestra*
Ceramics I	Crafts and Design	<u>Music Elective Courses</u>	
Ceramics II	3D Design and Sculpture	Music Theory	Musical Theater Workshop
Ceramics III*	AP 3-Dimensional Art	AP Music Theory	Voice Class
<u>Media Arts Courses</u>		Electronic Music	Studio Recording
Digital Art	Photography I	Internet Broadcast Radio	Music Through Time
Filmmaking I	Photography II	Guitar: The Evolution of Rock N Roll	
Filmmaking II	Photography III*	<u>Theater Courses</u>	
Filmmaking III	Broadcast Journalism*	Theater I	Technical Theater
	Understanding Film	Theater 2	Understanding Film
<u>Art History Courses</u>		Theater 3	
Introduction to Art History	AP Art History	* Courses that may be taken more than once for credit	

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

Visual Arts

COURSE TITLE	GRADE OFFERED				CREDIT(S)	LEVEL
Two Dimensional Classes						
Studio Art I	9	10	11	12	Half Year/.5	LE
Studio Art II		10	11	12	Half Year/.5	LE
Studio Art III			11	12	Full year/1.0	LH
Advanced Placement 2 Dimen- sional Art			11	12	Full year/1.0	AP
Three Dimensional Classes						
3D Design and Sculpture	9	10	11	12	Half Year/.5	LE
Arts and Metals			11	12	Half Year/.5	LE
Crafts and Design	9	10	11	12	Half Year/.5	LE
Ceramics I	9	10	11	12	Half Year/.5	LE
Ceramics II		10	11	12	Half Year/.5	LE
Ceramics III*			11	12	Full year/1.0	LH
Advanced Placement 3 Dimen- sional Art			11	12	Full year/1.0	AP
Media Arts Classes						
Photography I	9	10	11	12	Half Year/.5	LE
Photography II		10	11	12	Half Year/.5	LE
Photography III*			11	12	Full year/1.0	LH
Digital Art		10	11	12	Half Year/.5	LE
Filmmaking I	9	10	11	12	Half Year/.5	LE
Filmmaking II		10	11	12	Half Year/.5	LE
Filmmaking III			11	12	Full year/1.0	LE/LH
Broadcast Journalism*	9	10	11	12	Full year/1.0	LE/LH
Understanding Film	9	10	11	12	Half Year/.5	LE/LH
Art History Classes						
Introduction to Art History	9	10	11	12	Half Year/.5	LE
Advanced Placement Art History			11	12	Full year/1.0	AP

*Courses with asterisk can be taken more than once for credit.

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

2-D Arts

Studio Art I

Studio Art II

Studio Art III

AP 2D Design

Studio Art I- (formerly Drawing and Painting I) Grades 9, 10, 11, 12

Half Year - Level E

.5 Credit

This is a half course in which beginners apply the fundamentals of drawing and painting to structured problems that lead to development of art skills, and creative problem solving ability. Using various drawing and painting media and techniques (pencil, charcoal, pen & ink, watercolor, acrylics), students will work from direct observation to study man-made and natural objects, still-life, perspective, landscape, figure, portraiture and design. Students will use the language of art to critique classwork and famous art to show understanding of the principles and elements of design. Assignments can be used for portfolios for college entrance.

Students will:

- Develop skills and fundamentals of drawing and painting
- Critique classwork and famous art showing principles of design

3-D Art

3D Design/

Crafts and Design

Ceramics I

Ceramics II

Ceramics III

AP 3D Design

Art and Metals

Crafts & Design – Grades 9, 10, 11, 12

Half Year - Level E

.5 Credit

This program will give students an opportunity to use a variety of materials to solve problems and to develop skills for becoming a craftsman and producing a functionable art. The emphasis of the course is developing a thought process to produce quality work with jewelry, vessels, book binding and working with textiles. will be using techniques of traditional and contemporary crafts.

Students will:

- *Be able to plan and execute projects using various techniques and media.
- *Track and assess progress relating to improvement of the elements of art.
- *Develop an awareness of aesthetic design and quality craftsmanship.
- *Recognize career possibilities within the design field.

3D Design/Sculpture - Grades 9, 10, 11, 12

Half Year – Level E

.5 Credit

Students will be introduced to 3-dimensions through the study of abstract, representational and functional sculpture. This class is intended to promote higher level thinking, help students build problem-solving skills, confidence and pride in their accomplishments. This course is designed to foster imagination and the skills necessary to produce 3-dimensional artworks.

Essential Benchmarks - Students will:

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

- Differentiate between abstract, representational functional and non-functional works of art
- Use a sketchbook to record potential designs and develop solutions to anticipated problems
- Become familiar with the range of sculpture materials suitable for each assignment

Ceramics I (formerly Introduction to Ceramics and Pottery) – Grades 9, 10, 11, 12

Half Year – Level E .5 Credit

This course introduces the basic hand building techniques of pinch, coil, and slab pottery as well as an introduction to the potter's wheel. Structured projects emphasize design quality and skill building in order to create original and historical ceramic forms.

Students will:

- Demonstrate a skill in hand building techniques
- Explore the use of the pottery wheel to create ceramics forms.
- Keep a sketchbook journal of project ideas and process notes



Photography I – Introduction to Digital Photography - Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

This course is designed to introduce students to the creative and fascinating world of photography with an emphasis on using the cameras we carry on a daily basis. Introduction to the history of photography from the inception of the camera through the digital process of today's world. There will be an over view of how to shoot images with proper composition, lighting and development of editing there images in the Photoshop program in the computer. Working with apertures, shutter speeds, and ISO are stressed. Photo I is a stress on the basics of how to see and the magic and excitement that that brings.

Students will:

- Work properly with composition in a photograph
- Adjust the camera's settings including shutter speed, aperture and ISO
- Work with digital processing to create suitable files for print
- Properly evaluate and assess the quality of a photograph through the critique process

Digital Art and Illustration– Grades 10, 11, 12

Half Year - Level E .5 Credit

This course will teach students how to use digital media proficiently in both fine art and commercial art. In addition to production skills, this course builds critical literacy and understanding of the two fields of commercial and fine art. This course uses Adobe Suite software with some traditional art media.

Students will:

- Become proficient with using digital media to create artwork

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

- Understand the role of digital media in our contemporary culture
- Draw conclusions from class critiques to finish up with a small portfolio of both fine art and digital images.

Photography II – Intermediate Digital Photography- Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

Prerequisite: Photography I or Digital Art and illustration

This course builds from the skills of Photo 1 by focusing on the potential applications of Digital SLR cameras, flashes and light equipment for studio photography. Students will begin to build a portfolio of prints that demonstrate knowledge of the wide variety of technical and artistic possibilities. Knowledge of different manual camera settings, and artificial light sources will be covered throughout the semester. Students will also learn advanced processing skills within Photoshop.

Students will:

- Demonstrate knowledge of basic camera lenses and equipment used with Digital SLR's
- Produce a variety of photographs that demonstrate the ability to work with depth-of-field, shutter speeds, visual adjustments, and altering lighting conditions
- Begin to learn how to apply photography in authentic situations such as journalism, fine art and commercial use

Understanding Film – Grades 9, 10, 11, 12

Half Year – Grades 9, 10, 11, 12 LE

Grades 10, 11, 12 LH .5 Credit

Understanding Film is a course is for students who enjoy watching films, and want to develop skills to further appreciate, understand and enjoy this ever-changing art form. Students will view films through the lens of a director, cinematographer, editor and screenwriter and will understand how each contributes to the final cut of a film. A wide selection of films will be screened in class to enable the student to learn more about film structure and the role of film in our culture. Students will also have the opportunity to choose a film of their own choice, and view and study it in class.

Students will:

- Develop the vocabulary and critical viewing skills to understand and analyze film texts, audio and images
- Analyze the changing elements of film structure from the early 20th century to the present.
- Utilize the principles of media literacy to analyze, evaluate and create media

Filmmaking I – Grades 9, 10, 11, 12

Half Year – LE .5 Credit

The object of this program is to introduce the student to video as an art form. It is designed to encourage creative and imaginative use of video through analysis and comprehension of the medium. Aspects of video production that will be covered include the visual image, story structure, camera techniques, and the impact of music. In pre-production students will create treatments, storyboards, and shooting scripts. During production students will use the video camera to demonstrate an understanding of specific techniques used in film. In the last phase of these short projects, students will learn to create a project in Final Cut Pro, and edit a basic sequence. Selected classic and contemporary films will be screened to serve as models for class work. The class is designed to be a hands-on experience.

Students will:

- Demonstrate knowledge of specific shot types
- Understand and demonstrate composition skills in filming and editing
- Be able to distinguish different genres of media communication
- Plan, create and execute several short videos

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

Broadcast Journalism (Producing and Presenting the News) – Grades 9, 10, 11, 12

Full Year – Grade 9 LE

Grades 10, 11, 12 LE/LH 1 Credit

(This course can be taken for recurring credit– up to two times.)

This course will explore and develop concepts of television production for broadcast while establishing an understanding of media literacy. Designed to be a hands-on experience aspects of the course include: TV studio production and multi-camera live event coverage. As a main component of this course, students produce a morning news announcement show called *The Amity Update*. This show focuses on Amity news, sports, and weather in a live-to-tape broadcast every other day. During production, students incorporate various broadcast equipment and are tasked with fulfilling the many different jobs in the studio environment. Event coverage and content created by this course is shared with the larger Amity community through local educational access TV stations. Students may repeat this course for credit. These advanced students may act as associate producers – often working independently on video projects throughout the course.

Students will:

- Develop an understanding of media communications and its many facets.
- Work collaboratively as a team to produce various news programs.
- Enhance field/studio production techniques through immersion within the medium.
- Build a solid understanding of news writing for broadcast.



Intro to Art History - Grades 9, 10, 11, 12

Half Year - Level E

.5 Credit

Have you ever wondered why some art is worth so much money? Do you know what "art" actually means? By taking this course, you will get an overview of the history of art by examining different themes which occur in art from around the world. You will have an opportunity to understand art both contextually and stylistically by exploring various factors in the creation of art such as materials, time, place and function. By the end of the course, you will be able to identify specific characteristics of art from different periods or places, and even explain why some works are worth so much! Students will be expected to read about art and create both written and project-based responses to the works they study which will prepare them for further study in AP art history.

Students will:

- Become proficient in analyzing specific characteristics of art from different places and times
- Examine, identify and discuss various themes related to the history of art
- Develop a greater sense of interpreting and understanding visual images
- Explore responding to art both in writing and by artistic means

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

Please visit the [Amity Music Department Website](#),
[Amity Creative Theater Website](#) and the
[Visual and Performing Arts Website](#) for more information.

Amity Performing Arts Courses

COURSE TITLE	GRADE OFFERED				CREDIT(S) LEVEL(S)	
Music Ensemble Classes						
Concert Band *	9	10	11	12	Full year/ 1.0	LE
Half Year Concert Band	9				Half Year/.5	LE
Concert Choir *	9	10	11	12	Full year/ 1.0	LE
Half Year Concert Choir	9				Half Year/.5	LE
Concert Orchestra *	9	10	11	12	Full year/ 1.0	LE
Symphonic Wind Ensemble *		10	11	12	Full year/ 1.0	LH
Honors Choir *		10	11	12	Full year/ 1.0	LH
Chamber Orchestra *	9	10	11	12	Full year/ 1.0	LH
Symphony Orchestra*		10	11	12	Full year/ 1.0	LH
Strings Class *	9	10	11	12	Full year/ 1.0	LE
Music Elective Classes						
Music Theory	9	10	11	12	Full year/ 1.0	LE
AP Music Theory		10	11	12	Full year/ 1.0	LH
Voice Class	9	10	11	12	Half Year/.5	LE
Musical Theater Workshop	9	10	11	12	Half Year/.5	LE
Internet Broadcast Radio	9	10	11	12	Half Year/.5	LE
Electronic Music	9	10	11	12	Half Year/.5	LE
Studio Recording	9	10	11	12	Half Year/.5	LE
Music Through Time	9	10	11	12	Half Year/.5	LE
Guitar: The Evolution of Rock N Roll	9	10	11	12	Half Year/.5	LE
Theater Classes						
Technical Theater	9	10	11	12	Half Year/.5	LE
Theater I (Intro to Acting)	9	10	11	12	Half Year/.5	LE
Theater II (Advanced Acting)		10	11	12	Half Year/.5	LH
Theater III (Play Production)		10	11	12	Full Year/ 1.0	LH

* Courses that may be taken more than once for credit

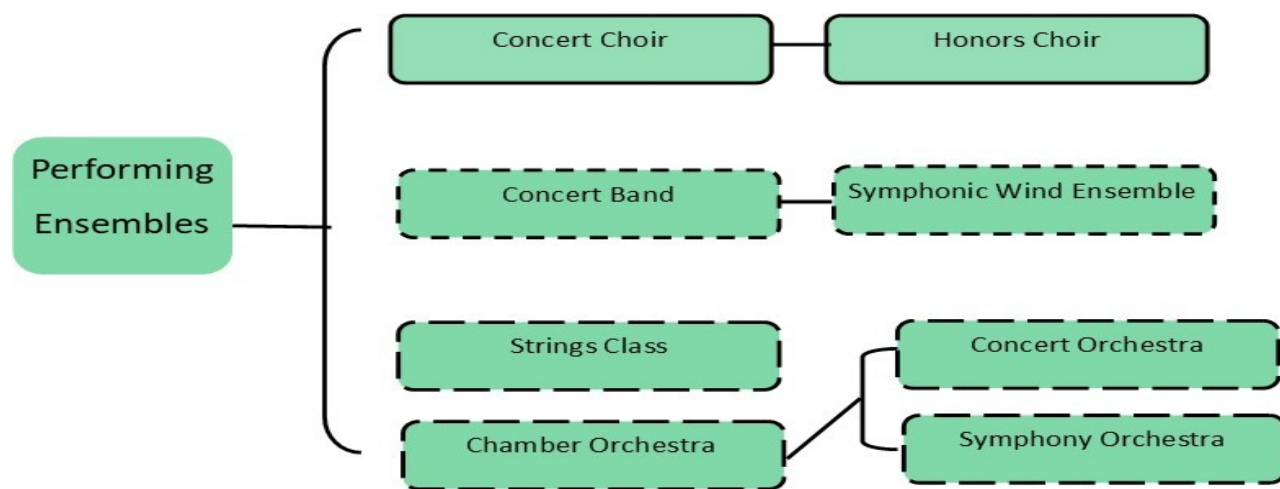
VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

Scheduling Options for Performance Ensemble Courses	
Concert Choir (LE) Concert Band (LE)	<p>Grade 9 performing ensemble students have three options when registering:</p> <ul style="list-style-type: none"> • Full Credit (1) when enrolled in concert level ensemble for a full year • .5 credit when enrolled in concert level ensemble for one semester (S1 or S2) • .66 credit on alternate days (full year) for students who are taking a lab science (contact your school counselor to schedule this option)
Concert Orchestra (LE) Chamber Orchestra (9th grade only LE) or Strings Class (LE)	<p>Grade 9 performing ensemble students have two options when registering:</p> <ul style="list-style-type: none"> • Full Credit (1) when enrolled in LE ensemble for a full year • .66 credit on alternate days (full year) for students who are taking a lab science (contact your school counselor to schedule this option) <p><i>Admission to Chamber Orchestra (LE) is by audition only.</i></p>
Honors Choir (LH) Symphonic Wind Ensemble (LH), Chamber Orchestra (LH), or Symphony Orchestra (LH)	<p>Grade 10, 11, 12 performing ensemble students have two options when registering for honors choir (LH), symphonic wind ensemble (LH), and chamber orchestra.</p> <ul style="list-style-type: none"> • Full Credit (1) when enrolled in LH ensemble for a full year • .66 credit on alternate days (full year) for students who are taking a lab science (contact your school counselor to schedule this option) <p><i>Admission to Chamber Orchestra (LH) is by audition only for students not currently enrolled.</i></p>

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL



Choral Ensembles

Concert Choir – Grades 9, 10, 11, 12

Full Year - Level E 1 Credit

Half Year for grade 9 only .5 Credit

66 credit available (see Music Department Scheduling Options)

This course can be taken more than once for credit

Concert Choir is open to all 9-12th grade students who love singing! A variety of choral literature representing many composers and musical periods is studied and performed. Voice production, vocal techniques, balance, blend, dynamics, phrasing and rhythm are aspects of choral singing studied in this course. -Performance opportunities include but are not limited to Music in Motion, the Winter Concert and the Music Fest.

Students will:

- Sing in tune with accompaniment and proper vocal techniques
- Read choral music and blend as a choral group
- Demonstrate an understanding of the choral art form

Band Ensembles

Concert Band – Grades 9, 10, 11, 12

Full Year - Level E 1 Credit

Half Year for grade 9 only .5 Credit

.66 credit available (see Music Department Overview)

This course can be taken more than once for credit

Concert Band is open to all wind, and percussion and guitar players that have had previous band experience. The band performs at public concerts, assemblies and other civic activities throughout the school year. Ensemble techniques of balance, blend and intonation are studied. Members combine with Wind Ensemble to for performances not limited to home football games, Memorial Day parades, winter concert, MusicFest and Music in Motion.

Students will:

- Understand ensemble techniques of balance, blend and intonation

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

- Perform grade level appropriate music
- Demonstrate basic musical skills and knowledge of their instrument

Orchestra Ensembles

Strings – Grades 9, 10, 11, 12

Full Year – Level E

1 Credit

Prerequisite: 8th Grade Strings, recommendation from director

This course is designed to give more individualized instruction for intermediate level students who currently play the violin, viola, cello, upright bass. Instruction will focus on the fundamental skills of strengthening playing technique, tone, intonation, music literacy, and ensemble performance techniques that are necessary for long-term success. Orchestral literature of various periods and styles will be studied and performed. Students in this class will join with members of Concert, Symphony, and Chamber Orchestra to create the Amity Orchestra. Performance opportunities include but are not limited to the Winter Concert and the Spring Orchestra Concert.

Students will:

- Gain knowledge and develop fundamental skills for long-term success.
- Improve playing technique, music literacy, intonation, and tone quality
- Perform varied orchestral repertoire with more confidence

Concert Orchestra – Grades 9, 10, 11, 12

Full Year – Level E

1 Credit

Prerequisite: 8th Grade Strings, Strings class, recommendation from director

Concert Orchestra is open to all 9th-12th grade students who currently play the violin, viola, cello, upright bass, or piano. Orchestral literature of various periods and styles will be studied and performed. Including iconic works from the most famous composers. Instruction emphasizes further development of tone quality, intonation, rhythm, articulations, music literacy, and performance techniques such as balance, blend, dynamics, and phrasing. This ensemble will join with Strings Class, Symphony and Chamber Orchestra to form the Amity Orchestra. Performance opportunities include but are not limited to the Winter Concert and the Spring Orchestra Concert.

Students will:

- Perform standard orchestral literature of various time periods and styles
- Utilize effective practice skills and self-assessment strategies
- Demonstrate appropriate use of technical and expressive techniques

Chamber Orchestra – Grades 9, 10, 11, 12

Full Year – Grade 9 Level E

Grades 10, 11, 12 Level H

1 Credit

Prerequisite: By audition only.

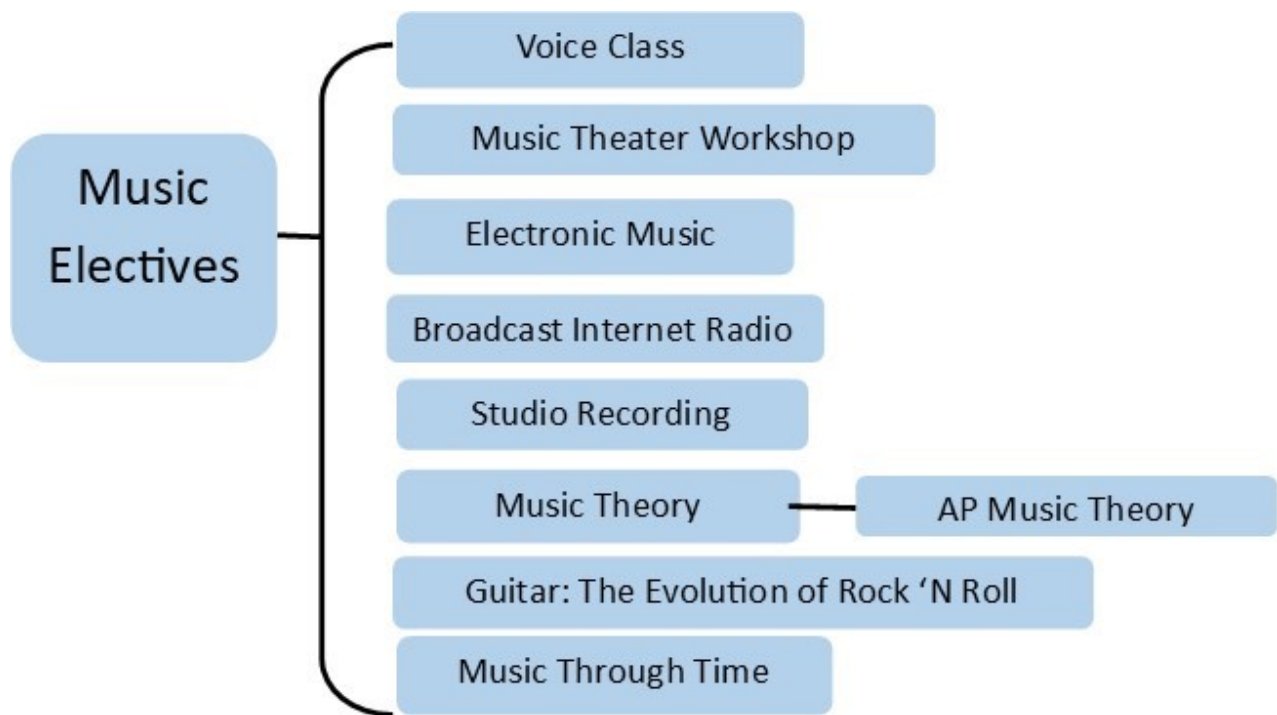
Chamber Orchestra is open to 9th-12th grade violin, viola, cello, upright bass, or piano students who are recommended by audition only. This ensemble is a select group and represents the most advanced orchestral musicians in the school. Advanced to collegiate level literature from the Chamber Orchestra repertoire will be studied and performed. Instruction emphasizes refining advanced technical and expressive skills, artistic interpretation, articulation, tone, rhythmic precision, and ensemble clarity. In addition to the chamber repertoire, this ensemble will join with Strings Class, Sym-

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

phony Orchestra and Concert Orchestra creating the Amity Orchestra, to perform select pieces together at the Winter Concert and Spring Orchestra concerts. Opportunities for solo and small ensemble performances are also offered. Students will:

- Perform advanced chamber repertoire and orchestral literature of various time periods and styles
- Utilize refined techniques of technical, expressive, and artistic interpretation
- Demonstrate confidence in performance skills to provide support for peers



Voice Class - Grades 9, 10, 11, 12

Half Year – Level E .5 Credit

This course, much like voice lessons, emphasizes vocal technique and provides opportunities for students to develop their vocal musical potential through solo and group song development. Voice class instructs students in basic fundamentals of vocal development such as strengthening vocal performance and professional stage presence and confidence. Students will explore a variety of singing styles such as musical theater, pop and the standards. Any student who wishes to sing is welcome to enroll.

Students will:

- Develop proper vocal technique and styles for vocal performance
- Understand and develop stage presence, confidence and
- Perform varied solo and ensemble repertoire

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

Music Theater Workshop -Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

This course emphasizes vocal techniques for musical theater. The evolution of the Broadway musical will be analyzed and studied through a variety of repertoire and media. Students will also explore the creation of their own musical numbers with choreography, staging and song. Additionally, students will develop skills and strategies for auditioning and performance.

Students will:

- Understand historical concepts of musical theater
- Understand the elements necessary to perform in musical theater including proper vocal techniques
- Perform a variety of musical theater songs as a soloist and in ensembles

Electronic Music- Grades 9, 10, 11, 12

Half Year – Level E .5 Credit

This course is open to all students' grades 9-12. No music training is needed. Introductory compositional techniques will be studied throughout this course. Students will learn to create their own music using various online applications. Students will create music using loops, drum machines and midi instruments and more to compose. Musical form and analysis will be studied and applied through composition. Various musical styles to be studied and will include but are not limited to pop, rock, EDM, electronic music, house and trap music. Introductory techniques in mixing and mastering will be studied.

Students will:

- Learn introductory skills in music composition through creating electronic music
- Begin to use basic recording techniques
- Demonstrate their knowledge through music composition of various genres

Studio Recording – Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

This course is open to all students' grades 9-12. No music training is needed. Music compositional techniques will be studied throughout this course. Advanced music techniques will be used and students will generate original music using various applications. Students will demonstrate their understanding by creating original compositions in various styles of music (pop, rock, EDM, LoFi, jazz, etc.). This course will also feature the use of introductory and advanced studio recording techniques including mixing, mastering, FX, and the like.

Students will:

- Produce original compositions of various styles
- Learn advanced recording techniques
- Mix and master their own original music

Internet Broadcast Radio - Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

This course will explore all elements of Internet Radio. Podcasting is a major component of this class. Students will develop programming and learn how to record, edit, and post content through our Amity website and Live365. In developing content, audio hardware and software will be used. These include the use of USB microphones, recording software and proper editing techniques. Students will develop programming using general interest topics such as

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

sports, food, music, movies and the like. Other content will include Amity events, interviews and community happenings.

Students will:

- Exhibit a solid understanding of news writing for broadcast.
- Work independently and collaboratively to create, record, and develop various podcast programs.
- Improve citizenship skills through increased engagement in the Amity community and beyond.

Music Through Time (formerly Music Appreciation)– Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

Ever wonder how and why music has evolved over time? Or why music is such an essential part of our lives? In this class, we will trace the historical development of music and explore its functionalities. In doing so, you will gain a deeper understanding and appreciation for all types of music. Instruction will focus on examining specific forms, styles and genres in chronological order (Middle Ages - present) through listening, discussion, and analysis. Similarly, students will be exposed to some of the iconic works from the most famous composers and musicians from each genre. Students will complete two major projects at the end of each quarter; the first on a classical music composer and the second on a band or solo artist of their choice.

Students will:

- Obtain knowledge of various genres, composers, artists, forms, and styles of music throughout history.
- Identify, examine, and discuss music elements, characteristics, and forms of varied music genres.
- Develop a deeper understanding and appreciation for all types of music.
- Understand and engage with music through exploration, analysis, conveying ideas, and connecting.

Guitar: The Evolution of Rock N Roll (formerly Guitar and American Music)- Grades 9, 10, 11, 12

Half Year-Level E .5 Credit

This course is open to all students who are interested in the study of guitar and the history of rock n' roll. This class explores the development and evolution of the guitar and hands-on instruction of guitar skills. Students will learn to create their own music using various applications. This course is designed for students who are music enthusiasts and musicians with the desire to learn more about the music making process. Visit the Amity Music Department Website for more information.

Students will:

- Obtain skills for playing melodies and chords on guitar
- Understand the evolution and impact of the guitar on American music, history, and culture.
- Foster an appreciation for various styles of music in the rock n' roll genre.

Music Theory – Grades 9, 10, 11, 12

Full Year - Level E 1 Credit

The Music Theory class incorporates a study of musical notation with the creative process of composing melodies accompanied by harmonic progressions. Students will apply music theory skills and techniques by learning how to play guitar and/or piano. No experience on either instrument is required. This course is designed for students who are music enthusiasts and musicians with the desire to learn more about the music composition process.

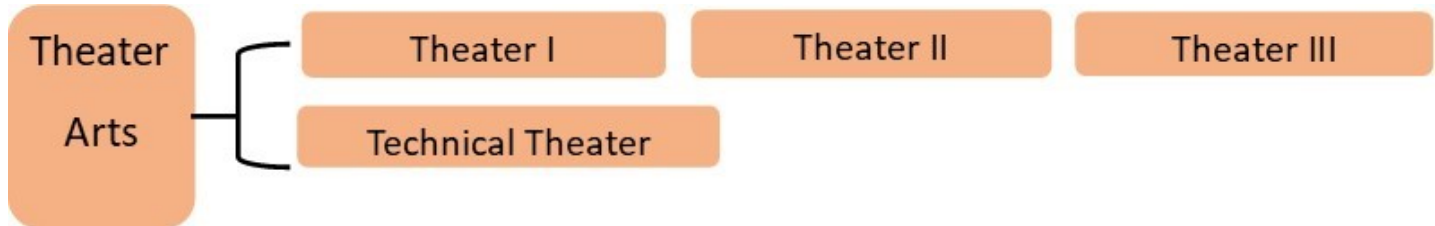
Student will:

- Learn to play guitar and/or piano
- Identify and apply the elements of music
- Explore the creative process of composition

VISUAL AND PERFORMING ARTS

AMITY REGIONAL HIGH SCHOOL

- Develop ear training and sight reading skills



Technical Theater – Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

This course will provide students with an overview of the components of technical theater productions. Units include set design and construction, lighting design and application, sound production, costume research and design, and theater safety regulations. Students will apply their knowledge of technical theater to the actual production of selected plays.

Students will:

- Demonstrate introductory skills in all aspects of technical theater
- Understand the expertise associated with various occupations in the theater
- Understand and use the language of technical theater
- Demonstrate an understanding of the aesthetic and practical requirements of theatrical design

Theater I (formerly Intro. To Acting) – Grades 9, 10, 11, 12

Half Year - Level E .5 Credit

This course provides students with an overview of theater history and acting styles. Students will study voice, movement, character, and script analysis. The emphasis in this class will be practical and students will study and perform scenes from many different genres of theater.

Students will:

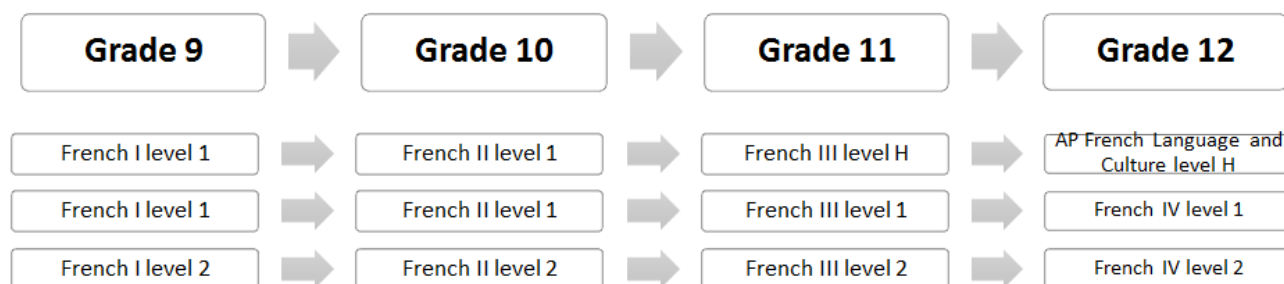
- Use voice and movement for conscious communication of thought, feeling and character
- Demonstrate skill in improvising action, dialogue and character
- Demonstrate skills of physical, emotional and social analysis through creating characters
- Critically evaluate the work of classmates

WORLD LANGUAGES

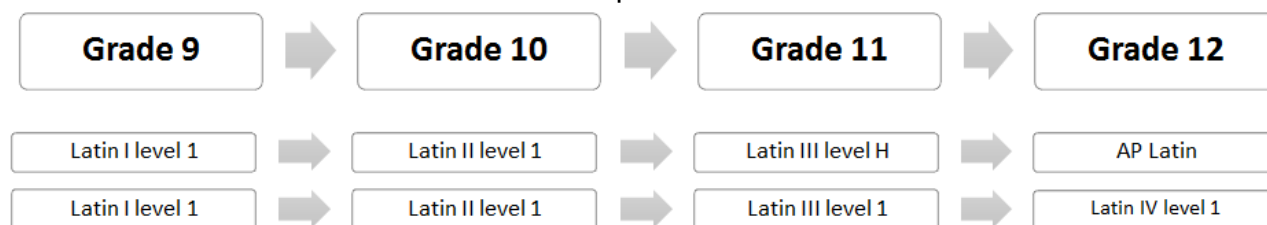
AMITY REGIONAL HIGH SCHOOL

The standard four-year pathways of World Language courses at Amity Regional High School are dependent on a student's entry point into the language. There are a number of factors that may affect entry point into the study of a language, for example: previous study of the language, exposure to the language outside of school, or study of a language in a different school district. Some examples include teacher recommendations, placement assessments, parent/student decisions, etc. Students with outside experience in a language, or coming to Amity from out of district, should contact their school counselor to schedule a placement exam to determine proper placement as determined by the department chair.

French



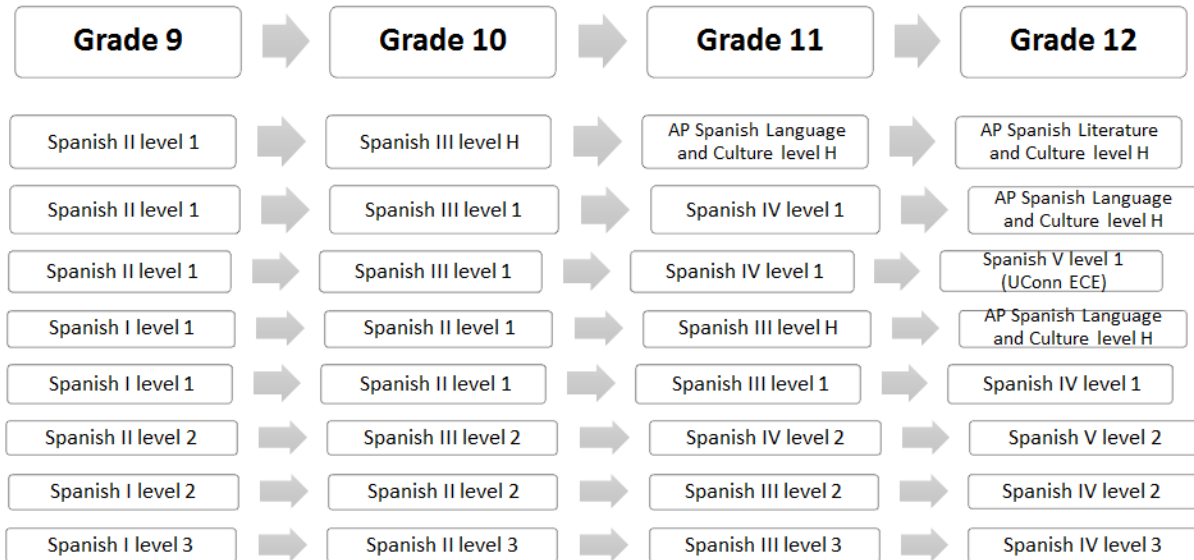
Latin



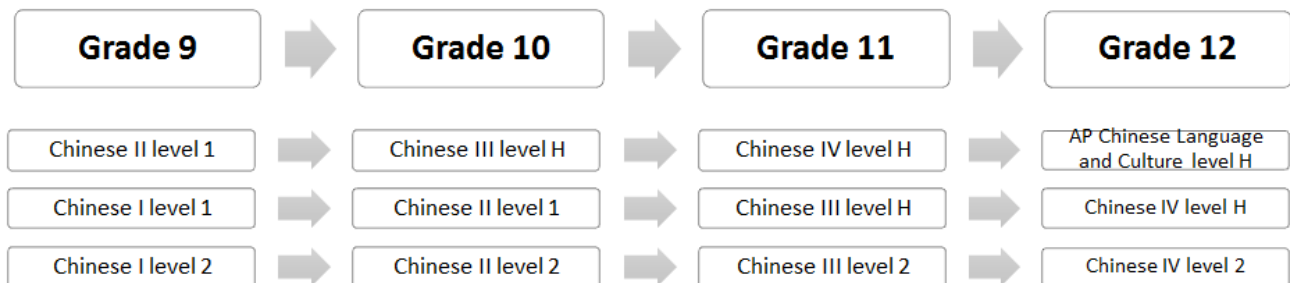
WORLD LANGUAGES

AMITY REGIONAL HIGH SCHOOL

Spanish



Chinese



WORLD LANGUAGES

AMITY REGIONAL HIGH SCHOOL

The study of one or more world languages is the key to the globalized world in the 21st century. Equipped with the ability to understand and communicate in other languages, and to empathize by understanding differences and commonalities among world cultures, students who study other languages are increasingly competitive as they plan their post-secondary studies and careers. Amity High School offers students the opportunity to study Spanish, Chinese, French, and Latin. Spanish and Chinese are offered in the 7th and 8th grades, while the study of Latin and French is introduced at the 9th-grade level. Students who have been successful in the study of a world language are encouraged to begin the study of an additional language.

The main goal of Amity's world language program is to help students develop into effective communicators in the target language. To assist students in improving their language proficiency, modern language courses are taught primarily in the target language. To increase the student's proficiency, each sequence of courses contains content essential for communication, assesses students on their skill mastery, and is paced accordingly. Because of the content, assessments, and pacing of each sequence of courses, it is strongly suggested that students remain in the course and level for which they have been recommended.

Chinese, French, and Spanish students build their interpretive, presentational, and interpersonal skills throughout the school year through cultural analysis and through interpretive, presentational, and interpersonal communication activities. Latin students improve their interpretive reading skills by reading texts in Latin and focusing on making connections between Latin and English by exploring derivatives and grammar. All curricula are designed with experiences for students to show evidence of developing as collaborators, communicators, empathizers, problem solvers, and planners.

The curricula in Amity's world language courses are aligned with the ACTFL position statement that World Language classes should be conducted in the target language whenever possible. All of these standards are aligned to improve communication, increase cultural awareness and develop into empathizers, make interdisciplinary connections, make comparisons among languages and cultures, and help students to continue on the path of being lifelong learners.

The standard four-year pathways of World Language courses at Amity Regional High School are dependent on a student's entry point into the language. There are a number of factors that may affect the entry point into the study of a language, for example, a previous study of the language, exposure to the language outside of school, or study of a language in a different school district. Some examples include teacher recommendations, placement assessments, parent/student decisions, etc. Students with outside experience in a language, or coming to Amity from out of the district, are required to contact their school counselor to schedule a placement exam to determine proper placement as determined by the department chair.

French I – Grades 9, 10, 11, 12

Full Year - Levels 1, 2

1 Credit

This course will provide students with a foundational knowledge of French. It will prepare them for future study of the language, and it will also provide them with the basic skills necessary to travel to a French-speaking country. Themes covered will include daily life and typical activities of young people in francophone countries. The goal of the course is for the students to be able to communicate about basic topics in French. In this course, students will improve their interpretive, presentational, and interpersonal skills in French, as speaking, listening, reading and writing are all part of the course.

Students will:

- Communicate and exchange information about familiar topics and participate in short social interactions in everyday situations
- Write short messages and notes on familiar topics related to everyday life

WORLD LANGUAGES

AMITY REGIONAL HIGH SCHOOL

- Understand spoken French related to familiar situations
- Understand simple texts related to familiar situations
- Demonstrate understanding of the similarities and differences between American culture and francophone cultures

Latin I – Grades 9, 10, 11, 12

Full Year - Level 1

1 Credit

This is an introductory course aimed at developing the ability to read and understand Latin. Emphasis is placed on vocabulary, forms, syntax and reading. The close correlation between Latin words and English words is noted. This course includes a survey of Roman history, Roman life and classical mythology.

Students will:

- Demonstrate reading comprehension by answering simple questions in Latin or English about short passages of Latin
- Demonstrate a knowledge of vocabulary, basic inflectional systems, and syntax appropriate to their reading level
- Translate appropriate passages of Latin
- Acquire a basic knowledge of the daily life of the ancient Romans
- Recognize common Latin roots and prefixes/suffixes in English vocabulary

Spanish I – Grades 9, 10, 11, 12

Full Year - Level 1, 2

1 Credit

This course is a fast-paced course for beginners in Spanish with no previous knowledge of the language. This course may also be appropriate for those students who have taken Spanish at the middle school level but need to strengthen and master basic concepts. Listening and speaking skills are taught with emphasis on pronunciation and intonation of spoken Spanish. Grammatical structures are presented, and reading and writing skills are gradually introduced. Students will become acquainted with Hispanic cultures and civilization. **This course is conducted in Spanish.**

Students will:

- Understand the spoken language relating to familiar situations when spoken at a moderate speed
- Read selected passages within the context of acquired vocabulary and grammar
- Write short responses on a variety of topics, and answer personal questions within the acquired vocabulary and grammar
- Possess a knowledge of aspects of Hispanic cultures pertaining to leisure-time activities, festivals, and traditions

Spanish I – Grades 9, 10, 11, 12

Full Year - Level 3

1 Credit

This course is for beginners in Spanish with no previous knowledge of the language, or for students who were not initially successful in their studies of middle school Spanish. The pacing of this course allows students time to practice newly introduced concepts and use them in context. Listening and speaking skills are taught with emphasis on pronunciation and intonation of spoken Spanish. Grammatical structures are presented, and reading and writing skills are gradually introduced. Students will become acquainted with Hispanic cultures and civilization.

Students will:

- Understand the spoken language relating to familiar situations when spoken at a moderate speed
- Read selected passages within the context of acquired vocabulary and grammar
- Write basic sentences and answer personal questions within the acquired vocabulary and grammar

WORLD LANGUAGES

AMITY REGIONAL HIGH SCHOOL

- Possess a knowledge of aspects of Hispanic cultures pertaining to leisure-time activities, festivals, and traditions

Spanish II – Grade 9, 10, 11, 12

Full Year – Level 1

1 Credit

Prerequisite: 8th grade advanced Spanish or Spanish I level 1, and teacher recommendation

This ***accelerated*** course is designed for those students who have successfully studied Spanish in 7th and 8th grades or have completed Spanish I. More sophisticated structures are studied and applied for communication. Students will learn how to communicate about events taking place in the past, present, and future time frames. Reading and writing of a more advanced nature are introduced.

Students will:

- Understand the spoken language relating to familiar situations when spoken at a moderate speed
- Initiate and respond to open ended questions related to current, past, and future events in special fields of interest
- Prepare and carry out memorized presentations related to course content
- Comprehend abridged and adapted written materials, as well as appropriate authentic materials
- Write letters or short compositions on familiar topics
- Demonstrate knowledge of the similarities, differences, and connections between the United States' culture and the cultures of the Spanish speaking world

Spanish II – Grade 9, 10, 11, 12

Full Year - Level 2

1 Credit

Prerequisites: Spanish I or successful completion of 8th grade Spanish

This course is designed for those students who have successfully studied Spanish in 7th and 8th grades or have completed Spanish I. More sophisticated structures are studied, practiced, and applied for communication. The skills of reading short passages and writing paragraphs are reinforced and practiced.

Students will:

- Understand the spoken language relating to familiar situations when spoken at a moderate speed with some repetition
- Initiate and respond to simple statements about current, past, and future events in special fields of interest
- Comprehend abridged or adapted printed material dealing with course content
- Write letters or short compositions on familiar topics after guided and modeled instruction
- Demonstrate knowledge of the similarities, differences, and connections between the United States' culture and the cultures of the Spanish speaking world

Spanish II – Grade 9, 10, 11, 12

Full Year - Level 3

1 Credit

Prerequisites: Spanish I L3

This course is a continuation of Spanish I level 3. . More sophisticated structures are studied which vary according to each level. Reading and writing of a more difficult nature are introduced.

Students will:

- Understand the spoken language relating to familiar situations when spoken at a moderate speed with repetition
- Initiate and respond to simple statements about topics related to course content
- Comprehend written materials dealing with course content with scaffolding
- Write short responses to questions or prompts, with the use of scaffolding and modeling

WORLD LANGUAGES

AMITY REGIONAL HIGH SCHOOL

- Demonstrate knowledge of the similarities, differences, and connections between the United States' culture and the cultures of the Spanish speaking world.

Chinese I - Grades 9, 10, 11, 12

Full Year – Levels 1, 2

1 Credit

Chinese I is an introduction to the four basic skills involved in the acquisition of Mandarin Chinese: listening, speaking, reading and writing. This course is appropriate for students with no knowledge of Chinese, or whose basic foundation from 7th and 8th grade needs reinforcement. During the first year, the emphasis will be on listening and speaking. We will use a communicative approach, designing classroom and home-use exercises that foster the use of Chinese to exchange basic information and to communicate ideas. Students in this course will also study Chinese culture.

Students will:

- Understand the spoken language relating to familiar situations when spoken at a moderate speed
- Initiate and respond to personal questions with acquired vocabulary and grammar
- Read selected passages within the context of acquired vocabulary and grammar
- Write the simplified Chinese characters, using the correct stroke order for each character
- Demonstrate some social competence of Chinese culture pertaining to home, family, school, leisure-time activities, festivals, and traditions

Chinese II - Grades 9, 10, 11, 12

Full Year – Levels 1, 2

1 Credit

Prerequisite: Chinese I or 7th and 8th grade Chinese with recommendation

The second year of Chinese language study continues to stress listening and speaking skills, especially free discussion and expression on topics of concern to high school students. Reading and writing exercises are given a larger share of daily activity. Cultural materials acquaint the students with some aspects of daily life and history in Chinese speaking areas.

Students will:

- Initiate and respond to simple statements and maintain uncomplicated face-to-face conversation in familiar topics about current, past and future events
- Read simple authentic material within a familiar context
- Write simplified Chinese characters, using correct stroke order for each character
- Write guided paragraphs
- Use new information and perspectives to demonstrate similarities, differences, and connections between the cultures of the United States and China

SPECIAL PROGRAMS

AMITY REGIONAL HIGH SCHOOL

School Choice

The Connecticut State Board of Education offers parents and students choices among a range of educational programs and settings to maximize the opportunity for each student to achieve his/her highest potential. The options offered to Amity students through this program include magnet, charter and vocational-technical schools, Open Choice, inter-district programs and vocational agricultural centers. Students interested in enrolling in one of these programs can obtain information from the Amity Counseling Department or the CT State Board of Education.

Educational Center for the Arts (ECA)

The Educational Center for the Arts offers programs in dance, music, creative writing, and theater and visual arts. The curriculum is designed to develop student talent by placing students in courses or projects where they work as an artist with a professional artist/teacher to achieve balance in developing technical skills, imagination and critical thinking skills. Amity students enroll in this program as their 5th and 6th class and attend ECA in the afternoon. ECA is a full year, 2 credit honors course open to students in grades nine through twelve. Information on this program is available from the ECA counselor liaison in the Amity Counseling Department

Independent Study

Juniors and seniors may apply for the Independent Study Program. After review and approval by a faculty committee, the student begin an in-depth study of the approved subject under the supervision of a faculty sponsor. Independent study projects cannot overlap or duplicate material in the high school curriculum. They also cannot be used to fulfill a graduation or distribution requirement. Independent study may be done for one semester or for the full year. Students completing a full year study will receive 1 credit and .5 for one semester study. Honors or Level 1 credit is awarded for successful completion of the project. Students should see their school counselor for more information.

Community Service Program

In certain circumstances, the Community Service Program may be an option for students to receive credit. This program provides students with an opportunity to try different volunteer activities, group fund raising and individual service projects. Students must complete sixty (60) hours of volunteer work per semester to receive .5 credits and receive administrative approval prior to beginning. Previous hours do not qualify. The credit option cannot be used as sixth class. Credit is awarded as Pass/Fail. There is a 1 credit max for this program. All community service projects must be supervised by an adult who is not a family member. Hours completed in this program cannot be applied to the Community Service Distinction program.

Unpaid Experiential Learning Program

Seniors in their second semester may elect to participate in our UELP. Accepted students complete formal class work prior to the end of the school year and culminate their high school education with a real-world work experience. Students must apply in January and be in good standing with the school academically and behaviorally. Participants must present a culminating project at the Presentation Forum. Detailed information on this program is available in the Career Center.

Student Interest Project

The Senior Interest Project (SIP) is a comprehensive project that is to be developed, designed and executed solely by the student(s). Project ideas must be pre-approved and seniors must present their projects at the Presentation Forum in June. SIP will take place during the last month of the school year (May/June) and students will continue to report to school every day.

Yale/Southern CT State University Partnership/ Gateway Community College Partnership

Seniors may enroll in one undergraduate course at Yale University, Southern CT State University or Gateway Community College as part of the partnership programs Amity High School has with these institutions. These programs are designed to allow students to complete graduation requirements at Amity while broadening

SPECIAL PROGRAMS

AMITY REGIONAL HIGH SCHOOL

their educational experience at the college level. With assistance from the Amity Counseling Department, partnership application is made to Yale, SCSU or Gateway prior to the semester. Students are responsible transportation to/from these college campuses.

THREE ALTERNATIVE ROUTES TO A HIGH SCHOOL DIPLOMA

Hamden Adult Education

Students may earn an Amity Adult Education diploma by attending night classes at Hamden High School. This program is well suited for students who need credits for graduation but want or have a job during the day. The course of studies is tailored to the individual to help students earn their diploma as quickly as possible. Courses are offered in English, Math, Social Studies & Science. This program is *free* to Amity students. To enroll in this program, students first must withdraw from Amity High School, and then register in person at Hamden Adult Education. Students who complete this program *earn an Amity diploma*. Information about this program can be obtained on the web (<http://www.hamdenadulted.org/>) or by calling 203-407-2028. Registration for this program occurs at several times during the school year.

GED (General Educational Development) Tests

Students may earn their high school equivalency diploma by taking and passing the GED (General Educational Development) Tests. The GED tests consist of five sections: Language Arts/Writing Skills, Social Studies, Science, Language Arts/Reading and Mathematics. Exams are offered monthly through the Hamden Adult Education Program at Hamden High School, but one must register three weeks in advance of the exam. It is possible for students to obtain their GED diploma within a month if they pass all five sections of the GED. Students can prepare independently for the GED, but are advised to take a practice test to find out what areas they may have to study in order to pass this test. Students also may enroll in the free course to prepare for the GED.

To take the GED test, individuals must be age 17 or older & withdrawn from high school. To be eligible to take the GED, those under age 19 must provide their high school transcript and proof that they have been withdrawn from school for at least 6 months or that their high school class has already graduated. There is \$13 fee to take the GED. Call 203-773-9211 at Hamden High School to register for the GED or the free test prep course.

Job Corps

Job Corps is the nation's largest technical training and education program for young people at least 16 years of age that qualify as low income. A voluntary program administered by the U.S. Department of Labor, Job Corps provides eligible young people with the opportunity to gain the experience they need to begin a career or advance to higher education.

Job Corps is a free education and vocational training program designed to help students' ages 16-24 earn a high school diploma or GED, learn a trade, take college prep courses, obtain a driver license and get help finding a good job, make more money, and take control of their lives. Job Corps has more than one hundred campuses throughout the United States. Students receive housing, meals, basic health care, a living allowance, training and preparation for a career, all at no cost. In addition, Job Corps provides career counseling and transition support to students for up to 21 months after graduation from this program. Resources are available for English language learners. Job Corps is based on the principles of quality services and individual instruction to meet students' needs. It offers career training in more than 100 occupation areas, including automotive and machine repair, construction, finance and business services, health care, hospitality, information technology, manufacturing, renewable resources and more. All training programs are aligned with industry certifications and are designed to meet the requirements of today's careers.

Visit the Job Corps website

SPECIAL PROGRAMS

AMITY REGIONAL HIGH SCHOOL

(<http://www.jobcorps.gov>)

or call (800) 733-JOBS or (800) 733-5627 to learn more about Job Corps, be referred to an admissions counselor closest to where one lives and obtain an information packet.