

Arlington High School
 Program of Studies 2018-2019
 Updates and New courses

Policy and General Information Updates

- Global Competency Program
- Seal of Biliteracy
- The Millbrook Program

New Courses

FACS

CS##### Morning Eats: Breakfast and Brunch	Grades 10, 11, 12	2.5 credits
CS##### Cooking On Your Own	Grades 11, 12	2.5 credits

Social Studies

SS7800Z Public Policy and Civic Action (AP weighting & Syracuse University Dual Enrollment)	Grades 11, 12	2.5 credits
SS##### Economics for Life (Semester Course)	Grades 11, 12	2.5 credits

Computer Science

MA##### Computer Science Discoveries - Curriculum A	Grades 9-12	2.5 credits
MA##### Video Game Development - Honors	Grades 10-12	2.5 credits
MA##### Advanced Robotics - Honors	Grades 10-12	2.5 credits

Performing Arts

PA##### Freshman Chorus	Grade 9	5 credits
PA##### Musical Theatre Performance	Grades 10 - 12	2.5 credits
PA##### Classic American Film	Grades 10-12	2.5 credits
PA##### Modern American Film	Grades 10-12	2.5 credits
PA##### Music Improvisation - Curriculum A	Grades 9, 10, 11, 12	2.5 credits
PA##### Music Theory – Curriculum A	Grades 9, 10, 11, 12	2.5 credits
PA9301Z Piano/Keyboard Lab	Grade 9, 10, 11, 12	2.5 credits

Physical Education

PE7911Z Backpacking & Camping (1st Quarter)	Grades 11, 12 only	2.5 credits
PE##### Biking (1st or 4th Quarter)	Grade 10, 11, 12	2.5 credits
PE##### Relaxation	Grade 10, 11, 12	2.5 credits

Visual Arts

AC##### Foundations in Studio Art (formerly called Art I) - Curriculum A	Grades 9, 10, 11, 12	5 credits
AC##### Studio Art * (formerly called Art II) - Curriculum A	Grades 10, 11, 12	5 credits
AC##### Ceramic Sculpture and Pottery - Curriculum A	Grades 10, 11, 12	2.5 credits
AC##### Sculpture - Curriculum A	Grades 10, 11, 12	2.5 credits

The Millbrook Program

The Millbrook Program is designed to assist students transitioning to Arlington High School. This support may include students with interrupted education and/or those requiring an assessment prior to placement. It may also act as a placement for students who are struggling at AHS and may be in need of additional support to thrive in a school environment.

Global Competence Program

The **Global Competence Program (GCP)** is designed to foster students' global awareness, and, in so doing, provide AHS graduates with the essential skills for participating in and contributing to an increasingly globalized society. Through course work, community service, a global engagement project, and foreign travel*, GCP participants will:

- **Think Globally:** Have an increased knowledge of their relationship to the world; think about issues from a global perspective; gain an appreciation for other world cultures, viewpoints and perspectives.
- **Communicate Effectively:** Improve their foreign language skills and their ability to communicate with people across cultural and language divides.
- **Contribute Responsibly:** Use their global knowledge to interact and build relationships with people from other cultures; actively seek world knowledge to develop their own values and perspectives; demonstrate respect, open mindedness, understanding and flexibility in behavior and thinking; help others to embrace multiple perspectives.

The Global Competence Program is open to all students and students are encouraged to submit their Initial Application early in their high school career in order to have time to complete all required components. Upon successful completion, students will be awarded a **Global Competence Certificate** and pin for graduation.

Additional information can be found at arlingtonworldlanguages.blogspot.com and by contacting Dawn Carney, Director of World Languages.

Seal of Biliteracy

The Seal of Biliteracy is an award in recognition of students who have studied and attained proficiency in two or more languages by high school graduation. The Seal of Biliteracy encourages students to pursue biliteracy, honors the skills our students attain, and can be evidence of skills that are attractive to future employers and college admissions offices.

Students demonstrate proficiency in English and a partner language via standardized assessments to achieve a biliteracy award: silver, gold, or platinum. Students will be awarded a Seal of Biliteracy **on their diploma??/certificate** and recognized at high school graduation.

Additional information can be found at arlingtonworldlanguages.blogspot.com and by contacting Dawn Carney, Director of World Languages.

New Courses Offered

FACS

CS####Z Morning Eats: Breakfast and Brunch **Grades 10, 11, 12** **2.5 credits**

Having a difficult time getting ready, eating, and getting to homeroom before the late bell? Join us to cook and learn more about the most important meal of the day, as well as strategies for fitting it in so you can have more energy, give a boost to your academics, and contribute to your personal health triangle. Research shows that many people miss out on this very important meal of the day, including the Arlington Youth Risk Behavior Survey (YRBS). This is a great opportunity to learn how to plan and prepare a variety of traditional and updated breakfast and brunch recipes through our cooking labs, walking field trips, and engaging projects. We will also learn how to plan, prepare, and host a brunch. We will explore food preparation techniques, valuable menu planning skills, recipe resources, and how to personalize recipes for both personal taste and time. Students will be evaluated through a variety of activities, including cooking in the culinary labs, projects, and we'll leave class with a personalized cookbook of recipes and information that will be a valuable tool for now and when you live on your own.

CS####Z Cooking On Your Own **Grades 11, 12** **2.5 credits**

Do you only know how to cook Ramen and boxed mac and cheese? Is that how you're planning to survive college and your early adulthood? Join this class to learn how to plan, shop for, and cook fun, healthy, and inexpensive meals for you and your friends. Students will discover tips and tricks for surviving on their own. This is a great opportunity to learn how to plan and prepare a variety of foods in our cooking labs, walking field trips, and engaging projects. We will explore food preparation techniques, valuable menu planning skills, recipe resources, and how to personalize recipes for both personal taste and time. Basic Budgeting and financial responsibility will also be explored and practiced. Students will be evaluated through a variety of activities, including cooking in the culinary labs, projects, and we'll leave class with a personalized cookbook of recipes and information that will be a valuable tool for now and when you live on your own.

Social Studies

SS7800Z Public Policy and Civic Action **Grades 11, 12** **2.5 credits**
(AP weighting & Syracuse University Dual Enrollment)

This course uses a collaborative, hands-on approach to give students a better understanding of how effective public policy is created. At the beginning of the semester, students will identify a social problem at the town or school level and work in groups to come up with a proposed public policy that deals with that problem. They will forecast the impact of that policy, analyze the political factors affecting the policy, and develop strategies to implement the proposed public policy. While studying their particular public policy issue, students will enhance basic research, communication, and decision-making skills and will develop a range of applied social science skills that will help them to make more informed choices as citizens, as workers, and as consumers. In addition, This is a college course offered on-site at Arlington High School through a partnership with Syracuse University. All students taking the one semester class will receive a grade at the AP weight for the course on their Arlington High transcript. Additionally, students may opt to pay a nominal fee of \$336 for three SU credits. Students on free/reduced lunches can take the course for credit at a greatly reduced fee (See History Dept Head Denny Conklin). Typically, colleges will accept the Syracuse credits with a grade for transfer credit.

 **SS####Z Economics for Life (Semester Course)** **Grades 11, 12** **2.5 credits**

Students will engage in a study of basic micro and macro economic principles to enhance their understanding of capitalism to help them become strong citizens and make astute financial decisions. In particular they will examine the powers of the Federal Reserve and federal government as well as scrutinize the economic theories employed by Democratic and the Republican parties. Then the students will create a business to enhance their understanding of microeconomic concepts. The class concludes with an examination of the role of the consumer; here students learn personal finance life skills such as making a budget, learning wise shopping strategies, learning how to achieve a strong credit score, how to avoid credit

card debt, and how to save for retirement. The Honors curriculum will consist of all the same major topics as the Level A Economics for life topics listed above. However the Honors class will move at a faster pace to enable the students to engage in a more detailed economic analysis. This analysis will include applying basic mathematical equations to our economic model.

** Students have the option of signing up for the honors section or curriculum A section*

Computer Science

MA####Z Computer Science Discoveries - Curriculum A Grades 9-12 2.5 credits

What is computer science? Computer Science Discoveries (CS Discoveries) is an introductory semester-long computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

Suggested Entry Criteria: There are no prerequisites for this course.

MA####Z Video Game Development - Honors Grades 10-12 2.5 credits

Learn to program and have fun doing it. We will use the Java programming language to develop video games and simulations. This course will feature a number of independent projects and is appropriate for students just starting to learn how to program and for students who already have experience and want to hone their skills on projects of their choice. Students will work independently and in groups to create their projects. Computers and online tools will be provided for all students, but the environment that we will use is available for use at home as well.

Suggested Entry Criteria: Open to students that either complete Computer Science Principles or have experience with the basics of computer programming.

MA####Z Advanced Robotics - Honors Grades 10-12 2.5 credits

Build your own robots! Program them to do creative and useful tasks! We will be using Lego EV3 kits and extending them with the Python programming language to develop advanced solutions for robotic tasks. This class goes beyond the standard Lego development environment to really delve into what robots can do for us and how to get them to do it with a modern and growing computer language. This course is designed for students who have no previous programming experience to advanced students who have programmed robots and want to advance their knowledge of computer science through independent projects. Computers and online tools will be provided for all students, but the environment that we will use is available for use at home as well.

Suggested Entry Criteria: Open to students that either complete Computer Science Principles or have experience with the basics of computer programming.

Performing Arts

PA####Z Freshman Chorus Grade 9 5 credits

This choir is open to anyone in grade 9. We learn healthy singing techniques, a variety of music literature and repertoire, and perform in concerts at the high school auditorium, Town Hall and in community events and/or festivals when able. The students will sing daily, practice these musical techniques, learn to sight read, learn foundational theory and perform in concerts to expand their musical experience. Attendance at all performances is a requirement of this course.

PA####Z Musical Theatre Performance Grades 10 - 12 2.5 credits

This class explores individual and group performances of musical theatre. Through discussions and exercises highlighting healthy vocal and acting techniques, students will experience the rich diversity of various creators of musical theatre. Students will understand the history of the art form and the context of the creation and development of this uniquely American genre. This is a performance based class, students will be singing solo and in groups.

PA####Z Classic American Film Grades 10-12 2.5 credits

This course is an introduction to film history covering the period 1915-1941. Students will study how film reflects the major artistic and cultural developments in motion picture history of this era. Topics will include the invention of motion pictures, the establishment of a film industry and the studio system, and developments in the use of cinematic technique. Films explored will include *Modern Times*, *Citizen Kane*, and *Casablanca* (among others). In addition, each student will be required to complete an independent review of a film of critical substance from the list of suggestions or of a substantive film of his/her choice subject to teacher approval. The course is based on the belief that strong connections can be made between language arts and media, between composing and film making, between literature and narrative film, between reader and viewer response, and between literary and film criticism. This is a one semester class that fulfills 1/2 the credits of the fine arts requirement for graduation.

PA####Z Modern American Film Grades 10-12 2.5 credits

This course is an introduction to film history covering the period 1941-1990s. Students will study how film reflects the major artistic and cultural developments in motion picture history. Topics will include the idea of film as art, the development of a particularly American acting style. The historical and political movements that produce specific works of art will be explored. Films explored will be *Rear Window*, *On the Waterfront* and *The Graduate* (among others). In addition, each student will be required to complete an independent review of a film of critical substance from the list of suggestions or of a substantive film of his/her choice subject to teacher approval. The course is based on the belief that strong connections can be made between language arts and media, between composing and film making, between literature and narrative film, between reader and viewer response, and between literary and film criticism. This is a one semester class that fulfills 1/2 the credits of the fine arts requirement for graduation. (Classic American Film is **NOT** a prerequisite for this course.)

PA####Z Music Improvisation - Curriculum A Grades 9, 10, 11, 12 2.5 credits

Music improvisation is the ultimate in musical creativity that combines performance, personal expression, communication of emotions, as well as spontaneous response to other musicians. Musical improvisation has been a core expressive musical element in almost every culture around the world and in the work of almost every composer and performer past and present. In this course, we explore the function of improvisation within an ensemble setting. With emphasis on proper vocal and instrumental technique, we experience how harmony works and cover basic Jazz history as an evolving American art form that crosses every musical style. Students will work to prepare recitals to showcase the improvisation techniques they've learned over the course of the semester. Attendance at performances is a requirement of this course.

PA####Z Music Theory - Curriculum A Grades 9, 10, 11, 12 2.5 credits

In this course, students with experience in music can expand and deepen their knowledge and practice. Students come away with a working knowledge of the essentials of scale, chord and harmonic structures, and a general history of the writing of music. We also spend time on sight singing and melodic and rhythmic dictation, essential ear training techniques. Students have the opportunity to compose and arrange their own music.

PA9301Z Piano/Keyboard Lab Grade 9, 10, 11, 12 2.5 credits

Learn to play your favorite songs on piano/keyboard! This course is designed for students with little (one year or less) or no experience with piano. The focus of the course is learning piano technique and performing basic-level music. Ability to read music not required-we'll teach you! Open to students in grades 9-12. No prerequisite.

Physical Education

PE7911Z Backpacking & Camping (1st Quarter) Grades 11, 12 only 2.5 credits

This is a one Quarter PE elective designed to teach students the skills needed to plan and participate in backpacking trips. Students will learn skills such as map reading, meal planning, fire lighting, and basic first aid, among others needed for successful low impact backpacking. The course will culminate with a 3 day 2

night backpacking trip that is required for successful completion of the course. Course size is limited to no more than 13 students. (please note; the course meets during the 1st Quarter).

PE####Z Biking (1st or 4th Quarter) Grade 10, 11, 12 2.5 credits

This course will include topics such as bicycle safety, road bicycling safety, and bicycle maintenance. Students will learn skills such as use of proper equipment, changing a flat tire, fixing a disassembled chain, rules to the road, bicycle operation, and cycling for fitness.

PE####Z Relaxation Grade 10, 11, 12 2.5 credits

This course will offer techniques and strategies for relaxation as a means to reduce stress.

Visual Arts

**AC####Z Foundations in Studio Art Grades 9, 10, 11, 12 5 credits
(formerly called Art I) - Curriculum A**

This visual art course, "Foundation in Studio Art" is the best entry point to all of our studio art courses. This course is designed to increase students' understanding of the potential of visual art to communicate personal feelings and ideas. A rich variety of media are introduced through projects that emphasize both creativity and skill building. Students study observational and imaginative drawing, painting, printmaking, digital imaging, and sculpture, including working with clay, wire, wood, and other 3D materials. World cultures and the work of both historical and contemporary artists are used to inform and inspire student art making. The course is designed for students who might continue studying visual art in high school but also for students who may not take a course in visual art again.

This course fulfills the 5 credit Fine Arts Graduation Requirement.

AC####Z Studio Art* (formerly called Art II) - Curriculum A Grades 10, 11, 12 5 credits

Studio Art is designed to increase students' independence and confidence in their artmaking. Emphasis is placed on individualized instruction and on the ability of students to make informed decisions about materials and themes. Students study a range of historical periods and contemporary art styles. Students are challenged to use a rich variety of 2D and 3D media to explore complex ideas in visual art. Artwork is regularly shared, critiqued and exhibited and a sketchbook is maintained throughout the year. This course fulfills the 5 credit Fine Arts Graduation Requirement.

Suggested Entry Criteria: "Foundations in Studio Art" (Formerly called Art I) or instructor's permission.

AC####Z Ceramic Sculpture and Pottery - Curriculum A Grades 10, 11, 12 2.5 credits

This half-year course introduces students to the use of clay as a sculptural material to create both functional and aesthetic objects.. Through this course students are able to develop their own personal style through hand building and wheel throwing. Students use clay to convey meaning and emotion while creating personalized works of art. A variety of surface treatments and glazing techniques will be taught. Students learn how clay is being used now in the contemporary art world as well as historical approaches in many world cultures.

This course fulfills 2.5 credits toward the 5-credit Fine Art Graduation Requirement

Suggested Entry Criteria: "Foundations in Studio Art" (Formerly called Art I) or permission of the instructor

AC####Z Sculpture - Curriculum A Grades 10, 11, 12 2.5 credits

This new visual art course is for students who enjoy working three dimensionally. Students learn how to use clay to create small and large-scale non-functional works. While the primary material is clay, other materials are used including wood, wire, metals, found objects, and natural and recycled materials. Students work both independently and collaboratively, connect with other disciplines, and create sculptures to exhibit and critique. Contemporary sculptors' works and 20th century artists' works are studied and discussed. This work influences the development of the teacher's assignments and students' approaches to their own work. One additional goal of the course is to increase students' international arts literacy.

The course fulfills 2.5 credits toward the 5 credit Fine Arts Graduation Requirement.

Suggested Entry Criteria: "Foundations in Studio Art" (Formerly called Art I) or instructor's permission.

