

Arlington High School
Program of Studies 2021-2022
Updates and New Courses

Policy and General Information Updates

- [Wellness Graduation Requirement Adjustment for Class of 2022 *Covid-19:](#)
- [MCAS CD for the STE exam](#)

Courses

<u>New Courses</u>	<u>Dept.</u>	<u>Level</u>	<u>Grade(s)</u>	<u>Credits</u>
Adulting with Technology (I and II) Child and Parenting	FACS	Curr. A	9 - 12	2.5

***Full Course Descriptions are given below.**

Courses being reactivated or adjusted

Reactivated

Astronomy	Science	Heterogenous	10 - 12	2.5
Oceanography	Science	Heterogenous	10 - 12	2.5
Public Speaking	ELA	Heterogenous	11 - 12	2.5
JavaScript and Web Development - Honors	Math	Honors	10-12	2.5

Name adjustment

Physical Science	Science	Heterogenous	9	5.0
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Dormant Courses: courses that will be offered again the following year

Physiology of Exercise & Activity	Science	Heterogenous	10 - 12	2.5
Weather and Climate	Science	Heterogenous	10 - 12	2.5

Courses being removed

History of Massachusetts	History	Heterogenous	10 - 12	2.5
History of the Middle East	History	Heterogenous	10 - 12	2.5
Italian, Introduction to	World Lang.	Heterogenous	9 - 12	5.0
Philosophy of Science	Science	Heterogenous	10 - 12	2.5
Philosophy Introduction to	Science	Heterogenous	10 - 12	2.5

Course Descriptions for New Courses

CS#####Z Child Development and Parenting**Grade 10 - 12****2.5 credits**

Would you like to learn more about children, but are having a difficult time fitting a one year course into your schedule? Would you like to explore the role of being an important person in a child's life? Would you like to learn more about how to support families? This is the perfect opportunity to learn more about child development, as well as parenting and caregiving roles in relation to the developing **child** and guiding them in the learning process. Join us for a highly engaging, hands-on, personalized look at children, how they grow and develop, and how parents and extended family members and/or friends help them grow into healthy young adults. Explore the various roles that adults play in children's development, learning, and personal family lives. This class is a great option for students who would like to explore child development or who are interested in having or working with children and families in the future.

CS2307Z Adulting with Technology I**Grades 10, 11, 12****2.5 credits**

Adulting with Technology will integrate aspects of culinary classes with career, financial literacy, relationship and health skills with the technology students are already using in their daily lives. Students will explore apps and free websites to find the best methods for managing their resources throughout their adult lives. Adulting with Technology is a semester course that allows students to participate in a variety of group and independent learning activities including, labs, simulations, guest speakers, and hands-on activities.

**SC1105Z Physical Science Heterogenous****Grade 9****5 credits**

This course is designed to introduce students to the relationships that exist between matter and energy. Through meaningful problem-solving and laboratory investigations, students will apply physical laws in order to become aware of the strong partnership between science and technology and between the process and product of science. Areas of concentration will include motion, forces, conservation laws, heat, electricity and magnetism, waves, and light and sound. This course includes a wide variety of laboratory demonstrations and activities. Students will be prepared to successfully complete the Introductory Physics MCAS test.

*Student may elect to complete additional work to receive Honors Credit.

The following courses were offered last year, but did not run due to scheduling changes with Covid-19.

**SS7806Z Gender & Society (Semester course)****Grades 11 & 12****2.5 credits**

This course will examine why gender equality is so important and yet so hard to achieve. The central aim is to foster critical reading and thinking about gender and the ways in which it is shaped by the interlocking systems of racism, sexism, ethnocentrism, heterosexism, ageism, ableism, colonialism and globalization; and how social movements have resisted these inequalities and worked to create new systems of change. We will scrutinize political, social and legal constructions of gender which continue to operate as though gender is binary, and explore a more inclusive approach which reflects a gender continuum within the context of entrenched power structures. Through understanding the construction of gender and its relationship with society, we will look for solutions to eradicate gender discrimination and gender-based violence.

PE7662Z A.M. Personal Fitness**Grades 10, 11, 12****2.5 credits**

This course will meet from 7:30am-8:20am. This course offers instruction and practice in various fitness components such as cardiorespiratory endurance, muscular endurance, muscular strength, and flexibility. Activities include strength training, aerobic training, cardiorespiratory fitness, fitness games, yoga, nutrition, injury prevention and fitness testing. Personal training and fitness plan development are offered in this course.

PE7663Z A.M. Recreational Sports**Grade 10, 11, 12****2.5 credits**

This course will meet from 7:30am-8:20am. Students in this course will participate in activities that are more individually based such as badminton, table tennis, tennis, etc. and activities that are team based but recreationally focused. (please note: the course meets during the 1st and 4th Quarter and is offered to Grade 10 and 11 only in Quarter 4).

PE7664Z Drugs and the Body**Grades 10, 11 and 12****2.5 credits**

This course will dive deeper into the effects of drugs, both legal and illegal, and how they affect the body. The course will build off of the Grade 9 curriculum and offer a more in-depth look at their effects on the human body, behavior, psychology, and experience.

CS1923Z Creative Textile Design- Curriculum A**Grade 10, 11, 12****2.5 credits**

Do you enjoy creative, hands-on classes? Want something to add to your fashion portfolio? Do you enjoy exploring color and design to create a custom wardrobe accessory? Then this semester long class is for you!! We'll be combining technology with traditional methods, such as knitting and weaving, working with a variety of fibers in creating your own fabric. Use the principles of design, color theory, and your newly learned skills to create your own textiles that can be made into something to suit your personalized wardrobe or home accessory

Policies

Changes have been highlighted yellow

Wellness Graduation Requirement Adjustment for Class of 2022 *Covid-19 update:

Members of the Class of 2022 enrolled in Term 4 Physical Education classes in 2020 will not have an opportunity to complete those credits because of our remote status in the 2020 school year. Making up this term in later years will substantially reduce opportunities for them to explore other academic offerings and will require them to take more than the usual amount of PE in one year.

For this reason, we will reduce the Physical Education graduation requirement for the Classes of 2022 by one term of Physical Education (requiring Grade 9 PE and a total of 3 quarters of PE during grades 10-12)

Class of 2022 - will require 4 PE courses (9th grade PE and 3 quarter electives)

Class of 2023 - will require 5 PE courses (9th grade PE and 4 quarter electives)

Class of 2024 - will require 5 PE courses (9th grade PE and 4 quarter electives)

MCAS Competency Determination (pending DOE)

Students must meet or exceed a score of 472 or higher on the Massachusetts Comprehensive Assessment System (MCAS) in the subject areas of English Language Arts and Mathematics. Students who earn a scaled score between 440 and 469 on the English Language Arts and Mathematics examinations may receive a high school diploma only by demonstrating proficiency in the subject matter through completion of an Education Proficiency Plan (EPP) by continuing additional work in the targeted content area(s) through grade 12.

Students must also meet or exceed a scaled score of 220 on the Science, Technology and Engineering Exam in the one of the tested subject areas: Chemistry, Introductory Physics, Biology, or Technology/Engineering.

These are subject to change as the state updates the requirements

**Students whose year of graduation is 2022, 2023 will not be required to take the STE upon district certification that the student earned credit for a course aligned to the curriculum frameworks in the relevant subject matter and has demonstrated competency in one of the four tested disciplines (biology, chemistry, introductory physics, and technology/engineering) in either the 19-20 school year or a prior school year.

MCAS exam	Scaled Scores	Achievement Level	Achievement Levels Legend	Subjects
	440 - 469	NM	Not Meeting Expectations Requires an EPP	
Next	470 - 499	PM	Partially Meeting Expectations	

Generation				-Mathematics
Exam	500 - 529	M	Meeting Expectations	-ELA
	530-560	E	Exceeding Expectations	
	200 - 218	F	Failing	Science/Technology Exam
Legacy	220 - 238	NI	Needs Improvement (requires an EPP)	- Biology
	240 - 258	P	Proficient	- Chemistry
				- Introductory Physics
	260 - 280	A	Advanced	- Technology/ Engineering