Course Selection

Course Selection Process

Students will be selecting classes for the next school year.

- Core Classes

- Computer Science and Art Required Classes

- Physical Education & Health Classes

- Electives

*All courses are year long

Graduation Requirements

SUBJECT	# of CREDITS		SUBJECT	# OF CREDITS
Math	6* *Including the completion of Geometry*		Computer Science	1.5
English	4		World Language	2
Science	3		Physical Education & Health	1.75 (Senior PE is .25 credits)
History	3		Fine Arts	1

28 Credits Needed For Graduation

Course Levels at AMSA

Un-leveled - No distinction between College Prep or Honors. These include art, physical education, health and wellness, and all electives.

College Preparatory - Designed to prepare students for success in college-level course work.

Honors and Advanced - These classes cover more complex material, permit further in-depth study than a CP course and require independent learning and greater effort.

Advanced Placement - A program created by the College Board which offers college-level curriculum and examinations to high school students.

Post Advanced Placement - Courses that require an AP class as a prerequisite. These include Oracle Database, Intro to Cyber Security, Multivariable Calculus, Linear Algebra, and Vector Calculus.

Core Classes

How to choose which class is appropriate for you?

- What has your teacher recommended?
    - ✦ You need the appropriate teacher recommendation to take Honors, Advanced, and AP courses.
- What class are you taking now?
- What class is next in the progression?
- Consider the LEVEL of the course: Regular, Honors, Advanced, AP
    - ✦ AP courses may require the completion of summer assignments which are due on the first day of school.

Choose classes that best meet your individual strengths and goals.

Example Course Catalog Sample

	College Preparatory
core course	**Biology I**
grades 9	*1233 Biology*
credits 1	This course has been designed to prepare students for college biology courses. The topics will include the most recent discoveries in biology including bio-molecules, cell structure, energy conversion and utilization in cells, cell reproduction, and movement of bio-molecules in cells, the structure of nucleic acids, protein synthesis, genetics, organic evolution and ecology. This is a laboratory science course; lab techniques learned in previous courses will be utilized as students complete laboratory investigations in each major topic studied. Activities leading to MCAS proficiency will be included. Dissections will not be included.
homework (hrs/week) 1–2	

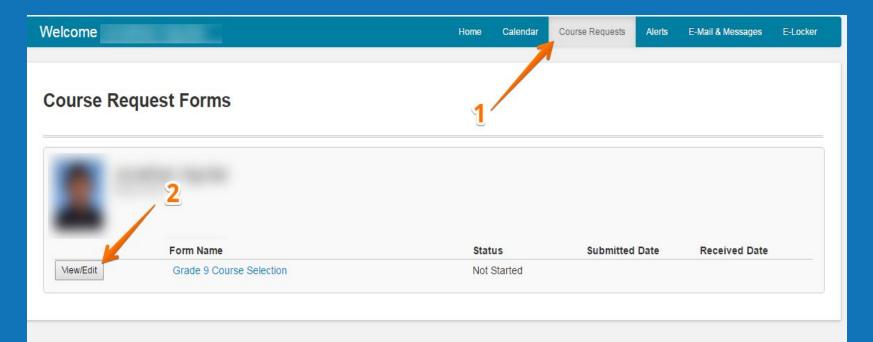|	Honors
core course	**Conceptual Biology**
grades 9	*1234 Biology H*
credits 1	This course is designed to be more descriptive than Biology 1. Topics include ecology, evolution, genetics and cell biology. A study of molecular biology will be included although nucleic acids, protein synthesis, respiration and photosynthesis with emphasis on the chemical aspects of these processes. The students will become proficient in basic laboratory skills by completing biology laboratory experiences, including open-ended investigations. Activities leading to MCAS proficiency will be included.
homework (hrs/week) 2–4	**Prerequisite:** 6th-8th grade biology (B+ or higher); teacher recommendation

Elective Classes

The list of elective classes available for your grade level are on the course request sheet on Plus Portals.

Here are a few reminders:

- Do not take a class that you have already taken
  (There are a few very select exceptions to this. Check the program of studies.)

- Counselors recommend that you have <u>at least</u> two years in the same world language.

- Electives are not guaranteed and may vary year to year depending on student interest.

Course Request Form

Must be accessed through the student's Plus Portals account

Course Request Form

Steps as you begin to complete the course request form:

Do you have the correct form?

You should be completing the course request for your **CURRENT** grade level.

Look at the top of your course request form. Does it match your grade level for right now?

View Course Recommendations

ELA/Literature Course Requirements

Grade 9 ELA/Literature Courses - Click on **Course Recommendations** and then choose the class that is recommended.

Course Recommendations:

ELA/Lit 9 (Length: All Year; Credits: 1.000)

ELA/Lit 9H (Length: All Year; Credits: 1.000)

Math Course Requirements

Grade 9 Math Courses - Choose one Algebra and one Geometry course.

Click on **Course Recommendations** and then choose the classes that are recommended.

Course Recommendations:

Algebra I (Length: All Year; Credits: 1.500)

Algebra II (Length: All Year; Credits: 1.500)

Geom A (Length: All Year; Credits: 0.500)

Alg II (H) (Length: All Year; Credits: 1.500)

Geom (H) (Length: All Year; Credits: 0.500)

Alg II/Tr A (Length: All Year; Credits: 1.500)

Teachers may recommend multiple courses that would be a good fit for you. In most cases, you will only choose one.

Reviewing Your Course Selections

9th Graders:

- Must take a minimum of 7.0 credits, but 7.5 credits are recommended (maximum of 8 credits).
- You must select a computer science course.
- We encourage you take a Fine Arts class - you will need a full credit of art to graduate. They are easiest to schedule in lower grades.

10-12th Graders:

- Students must take a minimum of 7 credits and a maximum of 8 credits.

See <u>slide 3</u> for specific graduation requirements

Course	Credit
English 9 H	1
Algebra II	1.5
Geometry	.5
World History	1
Biology H	1
French 1	1
PE	.5
Intro to Java	.5
Western Art	.5
	7.5 credits

Final Thoughts

- Follow deadlines
- Choose your courses wisely. Be intentional about the courses you sign up for — don't worry about what your friends are doing!
- Talk to your teachers, counselors, parents, or other professionals. Ask if you have questions!
- Consider future prerequisites. (Do you want to eventually be able to take AP Computer Science? Make sure you sign up for Intro to Java Programming first.)
- Reflection: Do my courses/levels set me up for my future plans and dreams?

Thank you!!