

Saugus Middle High School

“Home of the Sachems”



Program of Studies

2022-2023

Table of Contents

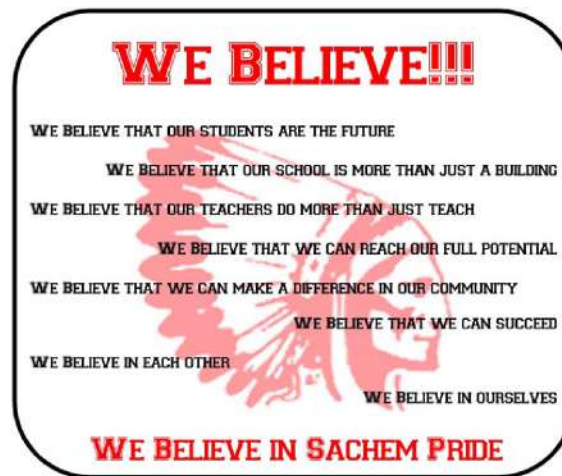
Introduction.....	3
Mission Statement.....	3
Learning Expectations.....	4
Graduation Requirements.....	5
• Advanced Placement	5
• Honor Courses	6
• College Prep Courses.....	6
• Course Changes	6
• Sequential Subjects.....	6
Four Year Credit/Course Projection Sheet	8
Admission to Post-Secondary Schools.....	9
Profile of SHS Graduates.....	10
Guidance Program.....	10
Testing.....	11
Rank & GPA.....	12
Financial Aid & Scholarships.....	13
College Planning Guidelines for Students.....	13
Guidelines for Parents & Guardians.....	15
Edgenuity Credit Recovery.....	16
The Saugus High School Academy For The Advanced Program of Studies Overview.....	16
Advanced Program Flowchart	
Advanced Placement Contract.....	18
Course Descriptions.....	19
Humanities.....	19
• English Department Offerings.....	19
• Social Department Offerings.....	22
• World Language Department Offerings.....	24
• Humanities Elective Offerings.....	26
STEM Courses.....	29
• Science Department Offerings.....	29
• Mathematics Department Offerings.....	31
• Technology Department Offerings.....	36
• STEM Elective Offerings.....	37
Fine Arts Courses.....	38
• Performing Arts Offerings.....	38
• Visual Arts Offerings.....	39
Wellness Courses.....	41
English Language Learners Programs	42
Special Education Programs.....	43
Career Elective Courses.....	43
Online Courses.....	44
• Semester Long Elective Offerings.....	44
• Year Long Elective Offerings.....	47

Introduction

This booklet is your guide to planning your program for the next year and beyond with the help of your caretakers and our staff. You should plan a sound educational program through your senior year based on your personal goals, needs and interests. Saugus Middle High School offers a wide variety of electives from which you may choose; on the other hand, we also have a number of requirements for graduation which must be kept in mind at all stages of planning.

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Mission Statement



Learning Expectations

ACADEMIC

AT SAUGUS HIGH SCHOOL **WE BELIEVE** THAT OUR STUDENTS CAN REACH THEIR FULL POTENTIAL. THROUGH THE EDUCATIONAL PROCESS STUDENTS WILL THINK CRITICALLY AND COMMUNICATE EFFECTIVELY. MEETING THIS EXPECTATION WILL PRODUCE STUDENTS WHO ARE 21ST CENTURY LEARNERS.

CONNECTING EDUCATION TO THE FUTURE

AT SAUGUS HIGH SCHOOL **WE BELIEVE** THAT OUR STUDENTS' ACTIONS HAVE A DIRECT EFFECT ON THEIR FUTURE. THROUGH THE EDUCATIONAL PROCESS STUDENTS WILL BE RESPONSIBLE, PREPARED, AND MOTIVATED. MEETING THIS EXPECTATION WILL PRODUCE STUDENTS WHO ARE COLLEGE AND CAREER READY.

BUILDING RELATIONSHIPS

AT SAUGUS HIGH SCHOOL **WE BELIEVE** THAT OUR STUDENTS' SOCIAL INTERACTIONS CONNECT TO THEIR EDUCATIONAL SUCCESS. THROUGH THE EDUCATIONAL PROCESS STUDENTS WILL BUILD EFFECTIVE RELATIONSHIPS THROUGH RESPECT, TOLERANCE, AND COURTESY. MEETING THIS EXPECTATION WILL PRODUCE STUDENTS WHO ARE THOUGHTFUL GLOBAL CITIZENS.

WE BELIEVE!!!

SCORE/ CATEGORY	MASTERING	PROFICIENT	NEEDS IMPROVEMENT
ACADEMICS	STUDENT MEETS AND SURPASSES EXPECTATIONS BY EXEMPLIFYING A STRONG SENSE OF ACADEMIC SERIOUSNESS.	STUDENT MEETS THE EXPECTATIONS BY EXEMPLIFYING A SENSE OF ACADEMIC SERIOUSNESS THAT IS COMMON AMONG HIS/HER PEERS.	STUDENT DOES NOT MEET THE EXPECTATIONS OF EXEMPLIFYING A COMMON SENSE OF ACADEMIC SERIOUSNESS.
CONNECTING EDUCATION TO THE FUTURE	STUDENT NOT ONLY UNDERSTANDS THE CONNECTION BETWEEN HIS/HER CUMULATIVE EFFORT IN SCHOOL AND HIS/HER FUTURE, BUT ALSO USES THAT UNDERSTANDING TO HELP GUIDE HIS/HER DECISION MAKING.	STUDENT SEEMS TO UNDERSTAND THE CONNECTION BETWEEN HIS/HER CUMULATIVE EFFORT IN SCHOOL AND HIS/HER FUTURE. HE/SHE MAY ALSO UNDERSTAND HOW THAT CONNECTION MIGHT IMPACT HIS/HER FUTURE.	STUDENT DOES NOT UNDERSTAND THE CONNECTION BETWEEN CUMULATIVE EFFORT IN SCHOOL AND HIS/HER FUTURE.
BUILDING RELATIONSHIPS	STUDENT BUILDS AND MAINTAINS STRONG RELATIONSHIPS WITH PEERS, STAFF MEMBERS, AND OTHERS ASSOCIATED WITH OUR SCHOOL OR COMMUNITY.	STUDENT ATTEMPTS TO BUILD RELATIONSHIPS WITH PEERS, STAFF MEMBERS, AND OTHERS ASSOCIATED WITH OUR SCHOOL OR COMMUNITY.	STUDENT DOES NOT HAVE, NOR HAS HE/SHE ATTEMPTED TO BUILD, RELATIONSHIPS WITH PEERS, STAFF MEMBERS, AND OTHERS ASSOCIATED WITH OUR SCHOOL OR COMMUNITY.

Graduation Requirements

1. Credits Required - 110 credits total to graduate

2. Subjects to be passed:

English	20 credits	(4 years)
Mathematics	20 credits	(4 years)
Social Studies	15 credits	(3 years)
Science	15 credits	(3 years)
Wellness	10 credits	(4 years)
Fine Arts	5 credits	(1 year)
World Language	10 credits	(2 years of same language highly recommended & required starting with the Class of 2023)

A minimum of 20 credits must be passed during the student's senior year.

3. In addition to the requirements listed above, twelve (12) hours of community service per year for a 4-year minimum of 48 hours.

4. MCAS Requirement

All students must pass the MCAS test in Math, English Language Arts and Science. Math and ELA require a minimum score of 240. Science requires a passing score of 220. Any student earning a 220 to 238 on the Math or ELA test will be placed on an Education Proficiency Plan (EPP). For the MCAS Next Gen exam, ELA requires a minimum score of 472 and Math requires a minimum score of 486. Any student earning a 455-471 in ELA or 469-485 in Math will be placed on an Education Proficiency Plan (EPP). This will require the student to take additional courses and/or tests in the content area in which they do not meet the passing score. Students failing to meet the minimum scores will be placed on an Individual Student Success plan to help them meet the passing score. This plan may require students to attend MCAS remediation course offered throughout the year.

Advanced Placement (AP) Courses: Saugus High School offers a variety of Advanced Placement (AP) courses. These courses give students the opportunity to take college-level courses while still in high school. Advanced Placement courses are rigorous and designed for students who wish to be challenged intellectually. Subjects are studied in greater depth and detail, with students expected to develop and support their arguments and perspectives. Development of writing skills, problem-solving techniques, and study habits essential for college academics provides an advantage to students successfully completing AP courses.

Advanced Placement courses currently planned for 2022-2023 at Saugus High School include:

AP Biology	AP Physics 1
AP Calculus AB	AP Physics 2
AP Chemistry	AP Psychology
AP English Literature & Composition	AP Statistics
AP English Language & Composition	AP US History
AP Computer Science Principles	AP World History
AP Computer Science A	
AP Environmental Science	

Students taking AP courses at Saugus High School are **required** to take the corresponding AP exam administered at school in May. The fee for each exam is approximately \$95.00, with fee reduction available for qualified students. Failure to complete the exam will lead to removal of the AP designation

for the course on the student's transcript.

Most colleges and universities in the United States (as well as in thirty other countries) award college credit and/or advanced placement through qualifying AP exam scores. This allows students the possibility of moving into upper-level courses, pursuing a double major, or gaining time to study abroad while in college.

Honors (H) Courses: Saugus High School currently offers our students a wide variety of honors level courses. Honors level courses are designed to provide students with a rigorous curriculum that is introduced at an accelerated pace. These courses are designed to challenge students academically and help them to develop critical thinking and problem solving skills.

College Prep (CP) Courses: Saugus High School offers a wide variety of college prep courses spanning a range of content areas. Students will follow a curriculum designed to follow the Common Core State Standards as well as state level content standards. The students will be instructed using various instructional strategies designed to prepare students for college success.

Course Changes

Students may make course changes during summer vacation. Changes made after the start of school may be allowed after parents/guardians contact the teacher and it is decided that the student is misplaced in the course. Students should discuss all matters of this nature with parents, counselors and teachers before making a decision. Schedule changes may not be possible due to courses being full.

Sequential Subjects

In order to continue in sequential subjects, students must have received a passing grade in the preceding courses or pass a prerequisite to qualify for placement.

English

- All students must successfully pass 4 years of English (Non-Elective) in order to graduate. It is strongly recommended that students who fail English take advantage of summer school opportunities and maintain their position in their class.
- English failure at the end of the freshman or sophomore year will necessitate either passing the course at an approved summer school with a grade of “70” or better, or repeating the course. English failed at the end of the junior year may be made up at an appropriate summer school with a grade of “70” or may be taken concurrently with Senior English if it fits into the student’s schedule. Students should meet with their Guidance Counselor as soon as possible to see if this is an option for his or her senior year.

Social Studies

- To meet the three year requirement for graduation, all students will pass US History I, US History II, and World History II.

Science

- To meet the three year requirement for graduation, all students will pass Biology, Chemistry and one additional year of a lab science.

Mathematics

- Students are required to complete 4 years in mathematics courses, including the completion of Geometry and Algebra 2.
- It is strongly recommended that students who fail any math course take advantage of summer school opportunities and maintain their position in their class.

World Language

- It is strongly recommended that all students pass a minimum of two years of one world language.
- Starting with the Class of 2023, 2 years of the same World Language will be required for graduation.
- A third year of the same world language is strongly recommended.

- Students aspiring to a highly selective college are recommended to elect a fourth year.

Fine Arts

- The courses offered in the Fine Arts Department are meant to enhance, broaden and enrich the student's background in visual and performing arts. Most classes will attempt to foster lifelong appreciation, understanding and interest. Students are required to explore the world of fine arts by taking a minimum of 5 credits in the fine arts area.

Wellness

- All students must pass 10 credits of Wellness in four years. For the next four years students will be required to pass a combination of Physical Education, Health Education, and Wellness. Students not physically capable of handling this program must submit a written statement from a medical doctor, to the nurse, in order to be excused. Medical excuses must be renewed yearly and presented with the approved Final Course Selection. Included in Wellness, students are required to fulfill their community services hours for that year concurrently.

Human Sexuality Curricula

- Parental/Guardian Notification Regarding Human Sexual Education and Human Sexuality Curricula. The Saugus Public School system has implemented a K-12 Comprehensive Health Education component with HIV/AIDS and human sexuality education programs occurring at the 9-12 grade level. Our School Committee has approved our curriculum to ensure the present and future health of our students. If you wish to review the curriculum or remove your son/daughter from its instruction in part or whole, please contact the building principal to schedule an appointment.

4-Year Credit/Course Projection Sheet

Graduation Requirements

Name: _____ Current Credits: _____ YOG: _____ Date: _____

English (4 years/20 credits)

English 1 _____ 5
English 2 _____ 5
English 3 _____ 5
English 4 _____ 5

Credits Needed To Graduate: 110

Courses/Credits Needed to Graduate:

Social Studies (3 years/15 credits)

U.S. History I _____ 5
U.S. History II _____ 5
World History II _____ 5

Science (3 years/15 credits)

Biology _____ 5
Chemistry _____ 5
Lab Science _____ 5

Math (4 years/20 credits)

Algebra _____ 5
Geometry _____ 5
Algebra 2 _____ 5
Math _____ 5
Math _____ 5

Community Service (48 HOURS)

Freshmen 12 Hours _____
Sophomore 12 Hours _____
Juniors 12 Hours _____
Seniors 12 Hours _____

World Language (2 years/10 credits)

Spanish/Latin _____ 5
Spanish/Latin _____ 5

MCAS

Math _____
ELA _____
Science _____

Fine Arts (1 year/5 credits)

_____ 2.5
_____ 2.5

EPP: (circle) Math ELA

Wellness (4 years/10 credits)

Wellness 1 _____ 2.5
Wellness 2 _____ 2.5
Wellness 3 _____ 2.5
Wellness 4 _____ 2.5

Admission to Post-Secondary Schools

During the school year, admissions officers from many schools and colleges visit SHS. These visits are posted on Naviance & students can sign up online. Interested juniors and seniors are given the opportunity to meet with these college representatives and discuss their colleges with them. The most important part of a student's college application is their high school transcript. The transcript includes each course and course level a student has taken and the final grade they earned. Colleges may request first and second term grades during a student's senior year and they will also request final grades before enrollment.

Students should check specific entrance requirements on college websites. Guidance Counselors will assist students with the college planning process. College-bound students should plan their schedules with sufficient credits in each subject area to meet the requirements of colleges they are interested in.

College-bound students must remember that they are competing with students from all over the world when it comes to applying to colleges and universities. Students are encouraged to build a strong academic transcript to better their chances for acceptance into certain institutions. Colleges also take into account standardized test scores, co-curricular activities, letters of recommendation, essays, enrichment programs and summer school completion (if applicable).

General requirements for most four year liberal arts colleges/universities are:

- 4 years of English
- 4 years of Math
- 3-4 years of one World Language
- 3 years of Social Studies
- 3 years of Science, preferably Biology, Chemistry and Physics including 2 years in a lab.
- Specialized electives recommended

College requirements for most highly selective colleges/universities or scientific programs (engineering) are:

- 4 years of English
- 4 or more years of Math
- 4 or more years of Science, usually Biology, Chemistry and Physics including 2 years of a lab.
- 4 or more years of one World Language
- 3 years of Social Studies
- Specialized electives recommended (Computer Aided Design)

Requirements usually expected of nursing applicants are:

- 4 years of English
- 4 or more years of Math
- 4 or more years of Science, preferably Biology, Chemistry, Physics, Anatomy & Physiology including 2 years in a lab.
- 3 years of Social Studies
- 3 or more years of one World Language (recommended)
- Specialized electives recommended (Psychology & AP Biology)

Minimum requirements for technical institutions are:

- 4 years of English
- 3-4 years of Math
- 3-4 years of Science, preferably courses in Biology, Chemistry and Physics
- 2-3 years of Social Studies
- Specialized electives recommended

Massachusetts State College Admission Standards

- The State Colleges and the Massachusetts Board of Higher Education require the following college-preparatory academic units as a minimum:
- 4 years English
- 4 years Mathematics (Algebra I, II & Geometry)
- 3 years Science (2 years of lab science)
- 3 years Social Studies
- 2 years World Language
- 2 years College Preparatory Electives

Profile of SHS Graduates

	Class of 2021	Class of 2020	Class of 2019	Class of 2018	Class of 2017	Class of 2016
Four Year Colleges and Universities	66.3%	58.6%	72.5%	77%	68.4%	70.3%
Two Year Colleges and Community Colleges	16.3%	18.5%	16%	13.4%	30.5%	21.2%
Other Education (career training/ technical school)	4.4%	7%	3.2%	.8%	3.7%	4.8%
Military	.6%	.6%	2.6%	.8%	2.6%	1.8%
Work	8.7%	7.6%	5.1%	3.2%	1.6%	.6%
Undecided	3.7%	7.6%	.6%	4.7%	3.1%	1.2%

Guidance Program

The Saugus High School Guidance Department works cooperatively with students, families and faculty on academic planning, course selection, personal/developmental issues, transition concerns, and the career/college search process. Counselors assist students in working toward their academic potential and encourage social and co-curricular experiences that provide opportunities for personal growth and independence. Students are encouraged to be self-advocates and seek out assistance whenever necessary. Parents/Guardians are encouraged to contact their student's Guidance Counselor for assistance in a student's transition to school, educational planning.. Guidance Counselors are available to meet by appointment and can be contacted via email (preferred) and telephone. Contact information is available on the Saugus High School Guidance website and newsletter.

Students will be participating in assigned guidance seminars throughout the school year. These seminars will focus on different topics based on grade level.

- **Grade 9:** Study skills, goal setting, co-curricular activities, time management, learning styles, and a Naviance introduction.
- **Grade 10:** Career and college planning, resume building,, testing information, and Naviance review.
- **Grade 11:** PSAT review, Naviance, college and career searches, college admissions planning, testing information, resume building

- **Grade 12:** Naviance, college and career searches, college essays, resume building, application process; interviewing skills, post high school planning, scholarships, stress management and financial aid assistance.

Counselors also work individually with students throughout their high school career on a variety of topics including: academic planning, transition, learning styles, decision making, coping strategies, goal setting, school and community involvement, personality profiles, career exploration, testing and college planning. Various virtual group meetings and webinars for families are scheduled each year as well: College Planning Night (spring) and Senior Parent College & Financial Aid Night (fall). In the spring, counselors meet individually with students to help them choose elective courses based on postsecondary interests.

The SHS Guidance Department tries to host a college fair in the cafeteria every June. Sophomores, juniors and parents/guardians are welcomed to attend. Announcements will be made prior to the event via the SHS website and email. **Students and parents may be surveyed after various activities to provide feedback which will be used to plan future programs.**

The Saugus High School Guidance Department incorporates technology into its program with its use of Naviance, a web-based service which is designed especially for students and families. It is a comprehensive website that is used to help in making decisions about courses, colleges, and careers. Naviance allows students and families to:

- **Receive important emails** – Family Connection lets us share important information with you and your student about upcoming meetings and events, local scholarship opportunities, and other online resources for college and career information. In addition, the site includes a link that your student can use to send their counselor an e-mail message.
- **Get involved in the planning and advising process** – Build a resume, complete online inventories regarding career searches, personality types, and learning styles. Students can also manage timelines and deadlines for making decisions about colleges and careers.
- **Research colleges** – Compare GPA, standardized test scores, and other statistics to actual historical data from SHS for students who have applied and been admitted in the past. Seniors can check their own rank & GPA as well.
- **College visits** – Find out which colleges & recruiters are visiting SHS & sign up to meet with college representatives. Students must pick up a Guidance pass & obtain their teachers' signed permission in order to miss class for these meetings. Students are responsible for making up any missed work.
- **Scholarships** – Local scholarships from area businesses & organizations are posted weekly and there is also a link for the National Scholarship Search from Sallie Mae.

To visit our school's Family Connection site, go to: <https://student.naviance.com/saugus>.

Parent/Guardian registration codes can be obtained by contacting their student's Guidance Counselor.

Testing

College Entrance Examination Board Tests (CEEB) include the Scholastic Aptitude Test (SAT) and the American College Testing Assessment (ACT) and are done on a voluntary basis. Students who plan to attend college should take advantage of all test opportunities in order to check their educational progress. It is the responsibility of students and families to watch for testing announcements and to follow directions for registration. **Students are encouraged to use the four free score reports at each registration. If a college requires test scores, it is the student's responsibility to make sure that all scores are sent to colleges directly from the College Board or ACT program.** The SHS CEEB code is 221-885. Students on free or reduced lunch should ask their Guidance Counselor about fee waivers.

Freshmen, Sophomores and Juniors: The Preliminary Scholastic Aptitude Tests and National Merit Scholarship Qualifying Test (PSAT/NMSQT) is a practice version of the College Board SAT. The

examination gives juniors the chance to qualify for National Merit Scholarship Corporation scholarship programs. Students should take the exam to receive feedback on their strengths/weaknesses on skills necessary for college, to see how their performance on an admissions test might compare with that of other students applying to college and to help them prepare for SAT Program tests. The exam is scheduled for mid-October and is only administered once per school year; there is no make-up exam if the PSAT is missed. SHS offers a Wednesday administration for any grade 11 student who signs up. This option is subject to funding.

Juniors and Seniors: The SAT Reasoning Test is required by most colleges, including many of the Massachusetts State Universities unless otherwise noted on the college's website. The test has two sections: Critical Reading and Math with a maximum score of 800 on each section. Students are encouraged to take the SAT in the spring of their junior year and again during the fall of their senior year. Students who plan to apply to college Early Action/Decision should take the SAT's twice in the spring of the junior year. Practice tests are available on the College Board website and an SAT Prep Program is offered by SHS periodically. **Students are encouraged to sign up for the Khan Academy test prep program, which is a free service linked to the College Board.**

The ACT is also a widely accepted college entrance exam which assesses high school students' general educational development and their ability to complete college-level work. The choice tests cover four skill areas; English, mathematics, reading, and science. The writing test is optional and it measures skills in planning and writing a short essay. Students can register at, and send their score reports from, www.ACTstudent.org.

Career Exploration Program

Saugus High School offers grade 11 and 12 students the opportunity to participate in the ASVAB Career Exploration Program. The ASVAB is a comprehensive career exploration and planning program that includes a multiple aptitude test battery, an interest inventory, and various career planning tools. It is designed to help all students, not just those with an interest in the military, explore their strengths and weaknesses and begin to think about different career options. For more information go to: <http://www.asvabprogram.com>. The ASVAB will be offered periodically and students and families are strongly encouraged to watch for announcements.

Military

Military recruiters visit SHS frequently during the school year via cafeteria visits and small group meetings if requested by the student.

Rank & GPA

Class rank is cumulative over four years and is weighted on the basis of achievement level. Class rank is based on GPA.

GRADE	AP	H	CP	GRADE	AP	H	CP
97-100	5.3	4.8	4.3	77-79	3.3	2.8	2.3
93-96	5.0	4.5	4.0	73-76	3.0	2.5	2.0
90-92	4.7	4.2	3.7	70-72	2.7	2.2	1.7
87-89	4.3	3.8	3.3	67-69	2.3	1.8	1.3
83-86	4.0	3.5	3.0	65-66	2.0	1.5	1.0
80-82	3.7	3.2	2.7	Below 65	0	0	0

Financial Aid & Scholarships

College tuition is on the rise and families need to take advantage of all resources available to finance higher education. Applying for federal financial aid includes completing and submitting the Free Application for Federal Student Aid (FAFSA). Colleges use information from the FAFSA to determine a student's "financial aid package," which may include: grants or scholarships which do not need to be repaid; low-interest loans to be repaid after the student leaves college and work-study which is part-time work on a college campus. As a service to families, the SHS Guidance Department sponsors a Financial Aid Presentation with resources from MEFA (The Massachusetts Educational Financing Authority). The presentation assists families in college financial planning and the preparation of the FAFSA and the College Scholarship Service (CSS Profile for private colleges).

Families need to obtain a Federal Student Aid Pin at www.pin.ed.gov before filing the FAFSA online at www.fafsa.ed.gov. **The FAFSA can be filed on or after October 1st**; families should always file the FAFSA! Beware of scams; it should never cost money to file the FAFSA. Parents/guardians can file the CSS Profile in the fall of their student's senior year and should watch for specific financial aid deadlines! Students should contact college Financial Aid Offices if they have questions about the financial aid process. Please note that Guidance Counselors can only provide general information regarding financial aid. Families and students can go to www.MEFA.org for financial aid assistance.

The Guidance Office receives notices of local scholarships during the school year. Criteria for awards may vary but are usually based on academic achievement, test scores, entrance examinations, essays, school and community service, and leadership qualities. Scholarship announcements are published on Naviance. It is especially important for families to inquire about scholarship opportunities offered by employers, church and community groups...etc. More specific SHS scholarships become available starting in March and seniors will be notified via assembly and email when ready.

College Planning Guidelines for Students

Grade 9:

- Take challenging classes! If you struggle in a subject, attend after school help sessions with your teacher or seek out NHS peer tutoring.
- You are responsible for your grades & attendance.
- Get involved in sports, clubs and your community to help you explore career interests.
- Talk to your Guidance Counselor about classes, career interests & plans for after SHS.
- Keep a list of your awards, honors, work experience, and co-curricular activities.
- Use Naviance to take the Learning Styles Inventory and search different careers.
- Always check your email and Google Classroom for important announcements.
- Be sure that all of your social media accounts are appropriate!
- **Work hard all year! Colleges see final grades for ALL years of high school! Your GPA is based on all four years of high school!**

Grade 10:

- Check your graduation requirements in X2 to make sure you're on track.
- Seek out leadership roles whenever possible.

- Use Naviance to take the career interest profiler and personality inventory and explore different careers, post-graduation options and to start your resume.
- Always check your email and Google Classroom for important announcements.
- Be sure that all of your social media accounts are appropriate!
- **Work hard all year! Colleges see final grades for ALL years of high school! Your GPA is based on all four years of high school!**

Grade 11:

- Meet with your Guidance Counselor to check on your graduation requirements and to use Naviance to work on your college search.
- Prepare & sign up to take the PSAT in October. Talk with your Guidance Counselor for more information
- Go to college fairs, such as the National College Fair in the spring (www.nacacnet.org) and talk to college representatives. Contact colleges to request information about admissions requirements, including required tests and financial aid!
- Register for the SAT and/or ACT in the spring. Watch for deadlines!
- Decide whether you're going to apply early action/early decision or regular decision. Deadlines will approach quickly during your senior year.
- **Early Decision is binding! You can only apply to one school this way. Early Action is not binding and you are able to apply to multiple schools using this method.**
- Look on Naviance & check in with your Guidance Counselor to find out about college visits, special events, open houses, and scholarships opportunities!
- Ask teachers who know you well if they can write your letter of recommendation & provide them with the appropriate forms.
- **Visit colleges!** This is the best way to figure out which type of college is for you. Check websites and ask about tours and take the time to talk to students on campus. Bring the College Visit Checklist with you!
- Always check your email and Google Classroom for important announcements.
- Be sure that all of your social media accounts are appropriate!
- **Work hard all year! Colleges see final grades for ALL years of high school! Your GPA is based on all four years of high school!**

Grade 12:

- Meet with your Guidance Counselor often to check on your graduation requirements and to discuss your plans for after graduation.
- Check with colleges that you are interested in to see what tests they require and keep a calendar of application deadlines.
- Talk with your parents/guardians about their expectations and yours, financial considerations, etc.
- **Communication is very important!** Let your Guidance Counselor know if you plan to apply to schools early decision or early action. Early action/decision deadlines approach quickly!
- Use Naviance to sign up for college visits.
- If you plan to play sports in college, be sure to register with the NCAA Clearinghouse.
- Register for the SAT/ACT. Make sure to send your scores to colleges directly from the College Board if they're required. You can send your score reports by going to: www.collegeboard.org. **Make sure to take advantage of your four free score reports when registering!**
- Attend open houses and arrange college visits & interviews in the fall of your senior year.

- Write thank you notes/emails after college interviews/meetings w/college representatives.
- Ask a teacher(s) if they can write you a letter of recommendation in person. Provide them with a completed Google Doc, activities resume & ample time to compose them! (At least 2 weeks). Then send them an invitation via Naviance. Also, ask your Guidance Counselor to write you a letter of recommendation if required and complete the Guidance Questionnaire via Google Forms.
- Write thank you notes to teachers who wrote you letters of recommendation!
- All colleges require an *official transcript* of your high school grades which must be submitted to colleges by your Guidance Counselor. In most cases, your counselor will do this electronically through Naviance.
 - Set up a Common Application account at www.COMMONAPP.org.
 - Log into Naviance and link it to your Common App account. Add colleges to your list and request transcripts electronically via Naviance.
- **Read directions carefully!** College applications can have different essay questions, testing & program requirements. Mistakes reflect poorly on your candidacy for admission
- Work hard all year! Colleges can see 1st & 2nd term grades.
- Attend the virtual financial aid night with your parents/guardians & watch for **financial aid deadlines**.
- Check Naviance & the SHS Guidance Newsletter for important financial aid information and local scholarships.
- Contact college financial aid offices or www.mefa.org if you have questions or concerns about your financial aid package.
- Continue to visit colleges to help make your final decision. Review college acceptances and submit your deposit by May 1st.
- Inform your Guidance Counselor of admissions decisions and update them in Naviance.
- Always check your email and Google Classroom for important announcements.
- Be sure that all of your social media accounts are appropriate!
- Fight senioritis...colleges can rescind your acceptance if your final grades drop drastically!

Guidelines for Parents/Guardians

- Parents/Guardians should keep an eye on attendance, grades via X2, study habits, and also talk to your student about their goals and priorities for after high school.
- Be sure your student has and checks an appropriate email account and their Google Classrooms frequently for important announcements.
- **Please be sure that your student's social media accounts are appropriate!**
- Discuss future plans, including financial concerns and any restrictions with your student. Do this early on in the school selection process so that everyone is on the same page.
- Encourage your child to develop independence! They are responsible for balancing homework, sports, work, and other activities. Students should be seeking out help if they are having trouble in school. **Self-advocacy is key!**
- Contact your student's Guidance Counselor with any questions regarding graduation requirements or post graduation planning.
- Check the SHS Guidance Newsletter & Naviance for important information regarding scholarships, financial aid opportunities, standardized tests, and career exploration.

- Check your email, phone messages, Naviance and SHS website and speak with your student periodically about school events.
- Attend college fairs. Prepare questions for college representatives ahead of time & let your student do the talking!
- Visit colleges at every opportunity! The experience of walking onto a college campus will help students as they plan for their future and figure out what type of college they are best suited for.
- Be aware of college deadlines!
- Keep records of college contacts – phone calls, names or representatives, meetings, etc.
- Assist your student with payments of sending testing scores from www.collegeboard.org and college application fees online.
- Attend virtual financial aid webinars & watch for **financial aid deadlines**. FAFSA guidelines and deadlines are always changing. Check Naviance & the SHS Guidance Newsletter for important financial aid websites and local scholarships. Contact college financial aid offices or www.mefa.org if you have questions or concerns about financial aid packages.
- Remain positive and encourage your child to work hard in achieving success!

Edgenuity Credit Recovery Program

Students will be able to utilize the Edgenuity online learning program to earn and/or recover credits toward graduation. Edgenuity is a self-paced, comprehensive, standards-based online courseware. Instruction and assessment will take place online. Credit for the course will be awarded upon successful completion of the Edgenuity course module. Edgenuity requires a minimum of 80% mastery to award credit. However, space is limited to students, who are motivated and committed to working independently and are deemed most likely to experience success. Students will be considered for the Edgenuity program based on the recommendation of their Administrator or Guidance Counselor.

The Saugus High School Academy for the Advanced Program of Studies

The Saugus High School Academy for the Advanced Program of Studies Overview

The Academy for the Advanced Program of Studies was founded to challenge gifted and highly motivated students through a rigorous series of courses culminating in college-level Advanced Placement classes and a specialized endorsement upon graduation. The Academy is designed with two academic concentrations or pathways in mind:

- Humanities pathway emphasizing world language, cultures, history, and literature.
- Science, Technology, Engineering and Mathematics (STEM) pathway.

Prior to entering Saugus High School, students will apply to participate in the Academy for the Advanced Program of Studies. Freshmen are accepted into the program based on entrance exam results, past MCAS scores, teacher recommendations, an application essay and middle school transcripts. Each year, the review committee accepts students who meet or exceed performance benchmarks in each of the established criteria outlined above. Once accepted, students must maintain a final grade of 78 in all courses in order to remain in the Advanced Academy Program. Students who fail to meet this expectation may still follow the Academy Program of Studies, but will not receive the any designation upon graduation.

All courses in the academy meet rigorous honors or Advanced Placement expectations. Successful completion of the Advanced Program of Studies at Saugus High School will provide students with collegiate level coursework and the necessary skills for success at elite colleges and universities. The overall goal of the Academy for the Advanced Program of Studies is to challenge students in becoming engaged critical problem-solvers, self-motivated learners with a relentless work-ethic, and mature young adults with the desire to take on collegiate level coursework necessary to succeed at elite colleges and universities.

Please see the charts below outlining the Humanities and STEM pathways for the Advanced Academy. During the freshman and sophomore years, the coursework is similar. Once students get to be juniors and seniors, the paths begin to diverge as students approach either an Advanced Endorsement for STEM or the Humanities.

Freshman Year	Sophomore Year
US History Honors	AP US History or Honors US History 2
Freshman Honors English	Sophomore Honors English
Biology Honors	Chemistry Honors
Geometry Honors*	Algebra 2 Honors*
Spanish 1/2 Honors or Latin 1 Honors	Spanish 2/3 Honors or Latin 2 Honors
Wellness 1/ Elective	Wellness/Elective
Elective	Elective

*** In the case where a student has not taken Algebra 1 in the 8th grade they would need to take Algebra 1 Honors in their Freshman year and double up with Geometry Honors and Algebra 2 Honors during their sophomore year.**

Requirements for the Humanities Pathway

Besides following the outline prescribed for freshman and sophomore year, a student enrolled in the Humanities Pathway will have to meet the following requirements.

- A total of 5 Advanced Placement (AP) courses.
- At least 4 of those AP courses must be in the content areas related to Humanities.
- At least 1 of those AP courses must be in the content area of ELA.
- At least 1 of those AP courses must be in the content area of Social Studies.
- Four years of World Language courses at the high school.
- Latin is strongly recommended in addition to Spanish 1 or 2 Honors
- Meet all of the other graduation requirements for Saugus High School

Requirements for the STEM Pathway

Besides following the outline prescribed for freshman and sophomore year, a student enrolled in the STEM Pathway will have to meet the following requirements.

- A total of 5 Advanced Placement (AP) courses.
- At least 4 of those AP courses must be in the content areas related to STEM.
- At least 1 of those AP courses must be in the content area of Mathematics.
- At least 1 of those AP courses must be in the content area of Science.
- At least three years of World Language courses at the high school.
- One year of a Computer Technology and/or Technology Education courses at the high school.
- Meet all of the other graduation requirements for Saugus High School

Advanced Placement Contract

In order to enroll in an Advanced Placement (AP) course both the student and parent/guardian must read, consent to, and sign this agreement. **Signing this agreement indicates a commitment on the part of the student to follow the requirements and demands of this course and make the commitment to remain in the course for the entire school year. Dropping an AP course will not be permitted after August 8, 2022. It should be understood that AP courses require critical thinking and reading as well as problem solving skills.** The rigor of the course models that of a college freshman level curriculum. Students are expected to be dedicated in their studies and should expect to complete assignments and assessments that are geared to high order thinking. AP courses follow a national curriculum designed to prepare students to successfully take and achieve a passing score on the AP exam in May. **All students enrolled in AP courses are required to stay in the course for the entire year & take the respective AP exam in May at their own expense.** **Non completion of this contract does not exempt students from the above requirements. They are still responsible for all of the above if they choose to take an AP course. Please keep a copy of this contract for your records.**

Expectations

Advanced Placement courses are designed to prepare students for the academic rigor of college. Students are expected to attend class prepared and to participate in all of the classroom activities. Given the academic rigor, the student needs to have solid work habits and strong organizational skills, as well as, being self motivated in their studies. At Saugus High School, we believe that every student has the potential to take and find success in an AP course and we encourage all students to enroll in at least one AP course during their high school career.

Homework and Assignments

Due to the advanced nature of AP courses, there is an expectation of daily homework and long range assignments designed to help the students develop critical thinking and reading skills and supplement in-class instruction. Students are often assigned readings or long term projects that require them to plan their time carefully so that they are not overwhelmed by deadlines. There are often occasions when students are required to work on long term and short term assignments at the same time. Self-discipline and the ability to manage time effectively will be necessary for success in these courses. **Summer work may be required and it is the student's responsibility to listen for announcements and collect that work before leaving for summer break. The work must be completed upon the start of school. As this is a college-level course, extra credit opportunities may not be available.**

The AP Examination

All students enrolled in the AP course are required to take The Advanced Placement exam, which is administered in May, at their *own* expense. The exam fee is TBD by the College Board (Ex. 2021 cost was \$95) and is to be paid online via the Unipay website no later than October 1, 2022. Students, who miss the exam due to an emergency illness, must have a doctor's note regarding the illness and submit it the following day to Ms. Politano in order to take the make-up exam. Otherwise, students will take the final exam for the course and receive college prep level credit in lieu of AP credit. For seniors, colleges will be notified about this change on their transcript.

My student and I have read the information above and we understand the level of work required and the policies which an AP course entails. **We understand that the student is making a commitment to stay in their AP class for the entire school year and that this signed contract is to be submitted to their Guidance Counselor by May 1, 2022. Payment for AP Exams is due by October 1, 2022 so please plan accordingly.** **Non completion of this contract does not exempt students from the above requirements. They are still responsible for all of the above if they choose to take an AP course. Please keep a copy of this contract for your records.**

Student Name: _____ Next Year Grade: _____

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____

**Return completed form to Guidance by: May 1, 2022*

Contact Person: Mrs. Politano-Burns, AP Coordinator

Humanities

English Department Core Offerings

Reading Literacy

Course #004

(5 Credits - year)

Prerequisites: Students are placed into this course based on teacher recommendation.. This course does not meet ELA graduation requirements.

Small group reading intervention focusing on comprehension, vocabulary, decoding, fluency, and accuracy. **This course does not meet NCAA eligibility criteria.**

English 9

Course #010

(5 Credits - year)

Prerequisites: Open to Grade 9 students only. Students are recommended for and assigned to this course.

This course is designed for students who need intensive individualized help in the skill areas of reading, vocabulary, writing, spelling, grammar and dictionary skills. **This course does not meet NCAA eligibility criteria.**

English 9 College Prep

Course #012

(5 Credits - year)

Prerequisite: Open to Grade 9 students.

This course focuses on improving oral and written composition skills. Reading material will include assigned modern and classic novels, as well as short story, drama, and poetry selections from the anthology, *Prentice Hall Literature, Penguin Edition for Massachusetts: Grade 9*. Grammar is taught both functionally and formally. The functional or usage portion is regarded as an intrinsic part of the writing program. Study skills are taught through classroom instruction and through the use of the library's resources. Vocabulary is presented in conjunction with the reading program. All vocabulary work will help prepare students for the MCAS and SAT examinations. Analytical writing and the five paragraph essay are emphasized in preparation for the MCAS examination.

English 9 Honors

Course #013

(5 Credits - year)

Prerequisites: Open to Grade 9 students with teacher recommendation.

In this course emphasis is placed on written composition in a variety of types: critiques, essays, narratives, expositions and exercises practicing techniques involved in writing research papers. Study skills, critical thinking skills, and library/research skills are fundamental to this course.

Reading materials cover both modern and classic selections in a wide range of genres, including selections from the anthology, *Prentice Hall Literature, Penguin Edition for Massachusetts: Grade 9*. Critical thinking and inferring skills are stressed among the reading comprehension skills. Standard literary terminology is included as a basis for interpreting literature: e.g., theme, tone, symbolism, figurative language, etc. Reading beyond classroom assignments is encouraged. Vocabulary is an important component of this course and is taught in context with the reading assignments. Grammar is taught both formally and functionally. The functional or usage portion is regarded as an intrinsic part of the writing program. The standard five paragraph essay is an essential component in preparing the students for the MCAS Long Composition.

English 10

Course #020

(5 Credits - year)

Prerequisite: Open to Grade 10 students only. Students are recommended for and assigned to this course.

The course is designed for students who need intensive individualized help in the skill areas of reading, vocabulary, writing, spelling, grammar and dictionary skills. **This course does not meet NCAA eligibility criteria.**

English 10 College Prep

Course #022

(5 Credits - year)

Prerequisites: Open to Grade 10 students upon successful completion of Freshman English

This course addresses all four genres; fiction, non-fiction, poetry and drama. Readings include works by a variety of writers with selections drawn from authors such as Shakespeare, Fitzgerald, Golding, Lee, Wharton, Houston, and Bradbury. Selections are also assigned from the anthology, *Prentice Hall Literature, Penguin Edition for Massachusetts, Grade 10*. Provision is made for a wide choice of outside readings to supplement the compulsory offerings. The careful study of functional grammar, structure, usage, punctuation, and vocabulary is offered in order to provide for successful experiences in written and oral composition. Expository writing is emphasized; analytical writing and the five paragraph essay are reviewed in preparation for the MCAS Examination.

English 10 Honors

Course #023

(5 Credits - year)

Prerequisites: Open to Grade 10 students with teacher recommendation.

This course has been designed for the student who has demonstrated a strong aptitude and interest in English language arts. All four genres; fiction, non-fiction, poetry and drama are addressed through assigned novels and selections from the anthology, *Prentice Hall Literature, Penguin Edition for Massachusetts: Grade 10*. Succinct, targeted writing and the five paragraph essay are practiced in preparation for the MCAS Examination. A premium is placed on intensive class discussion. In addition, creative writing, narrative writing, and poetic expression are emphasized. Provision is made for a wide choice of outside readings to supplement the compulsory offerings.

English 11

Course #030

(5 Credits - year)

Prerequisites: Open to Grade 11 students only. Students are recommended for and assigned to this course.

The course is designed for students who need intensive individualized help in the skill areas of reading, vocabulary, writing, spelling, grammar and dictionary skills with additional emphasis on verbal and written expression. ***This course does not meet NCAA eligibility criteria.***

English 11 College Prep

Course #032

(5 Credits - year)

Prerequisites: Open to Grade 11 students upon successful completion of Sophomore English

This course offers a variety of texts aimed at connection literature to our lives and our world. Nonfiction memoirs and a Shakespeare unit are utilized to explore the human experience and will be supplemented with poetry and excerpts. The course will focus on necessary writing skills including integration and effective use of evidence, argumentation and analysis, effective writing and editing development, critical thinking through writing, overall organization, and research.

English 11 Honors

Course #033

(5 Credits - year)

Prerequisites: Open to Grade 11 students with teacher recommendation.

This course is designed for those students who are interested in challenging themselves to an elevated course of studies for junior year. This course offers a variety of texts aimed at connection literature to our lives and our world. Nonfiction memoirs and a Shakespeare unit are utilized to explore the human experience and will be supplemented with poetry and excerpts. Active participation in class discussion will be an integral component of the course throughout the year for critical thinking exploration and development. The course will focus on necessary writing skills including integration and effective use of evidence, argumentation and analysis, effective writing and editing development, critical thinking through writing, overall organization, and research.

AP English Language and Composition

Course #035

(5 Credits - year)

Prerequisites: Open to Grade 11 or 12 students with teacher recommendation. Serves as an English requirement.

The AP Language and Composition course engages students in becoming skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. This course will emphasize the expository, analytical and argumentative writing that forms the basis of academic and professional communication as well as the personal and reflective writing that fosters the development of writing aptitude in any context. Its purpose is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. As well as engaging in a variety of writing tasks, students will also read a wide variety of prose styles from many disciplines and historical periods to gain understanding of the connections between interpretive skill in reading and writing. This course assumes that students already understand and use Standard English grammar, which will serve as the foundation from which stylistic development will be nurtured. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

English 12

Course #040

(5 Credits - year)

Prerequisites: Grade 12 students only. Students are recommended for and assigned to this course.

The course is designed for students who need intensive individualized help in the skill areas of reading, vocabulary, writing, spelling, grammar and dictionary skills with emphasis on consumer related reading and writing skills. ***This course does not meet NCAA eligibility criteria.***

English 12 College Prep

Course #042

(5 Credits - year)

Prerequisites: Open to Grade 12 students upon successful completion of Junior English

This course focuses on preparing seniors for the rigor of college reading, writing, and discussion. As such, the majority of the course highlights close reading strategies applied to informational text -- especially writing structure, authorial intent, and contextual vocabulary. Students will read, synthesize, and cite multiple resources (both supplied by the teacher and located on their own) to accomplish their argument writing goals. Students will also continue their study of Shakespearean tradition with *Macbeth*. End-of-year portfolio work will include revised synthesis writing, personal reflection, and metacognitive work.

AP English Literature and Composition**Course #045****(5 Credits - year)**

Prerequisites: Open to Grade 11 or 12 students with teacher recommendation. Serves as an English requirement.

Per the College Board, the AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. The AP English Literature Exam includes three essay prompts: Poetry Analysis, Prose Fiction Analysis, Literary Argument. Per the 2019 College Board AP curriculum updates, this course follows a revised curriculum and the course is divided into 6 units: literal and figurative, perspective and point of view, plot and sequence, character, culture and context, and sound and sense. Each unit contains anchor novels paired with assorted poems, short stories, & excerpts. Throughout the year students will focus on honing AP skill development, AP level writing, and active participation in critical thinking through class discussions.

Please note, students enrolled in the course will take the AP English Literature and Composition Exam in May. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

ELL Language Development 1, 2 & 3**Course #1036, 1037 & 1039****(5 Credits - year)**

Prerequisites: Open to all grades for students enrolled in the ELL program with teacher recommendation.

This ELA course, taught by a certified ESL teacher, is designed to engage ELL students with comprehensible English-language input to help them master oral and written English at an academic level. Class activities are adapted to students' fluency levels, and include the use of Total Physical Response, TPRS/TCI-structured conversation, interlinear-glossing language-instruction software, guided readings and discussions, written composition, and interaction with closed-caption video content.

Social Studies Department Offerings

US History I (1763-1877)**Course #110****(5 Credits - year)**

Prerequisite: Grade 9 students are recommended and assigned to this course. This course is designed for students requiring intensive specialized instruction in a small group setting.

This course is designed for students requiring intensive specialized instruction in a small group setting. Students will begin their study of United States history with a review of the origins and main events of the American Revolution, Constitutional principles, and events of the early Republic. They will examine the causes and consequences of the Civil War, industrialization, immigration, Progressivism and the role of the United States in World War I. The reading of primary and secondary source documents is a key feature of the two year set of U.S. History standards. Through analysis, discussion, and examination, students will develop their civic knowledge, critical thinking skills, and the practice of historical research. As a result of this course, students may be required to participate in a civic service activity as prescribed by state law. ***This course does not meet NCAA eligibility criteria.***

US History I (1763-1877) CP**Course #112****(5 Credits - year)**

Prerequisite: Open to grade 9 students.

Students will begin their study of United States history with a review of the origins and main events of the American Revolution, Constitutional principles, and events of the early Republic. They will examine the causes and consequences of the Civil War, industrialization, immigration, Progressivism and the role of the United States in World War I. The reading of primary and secondary source documents is a key feature of the two year set of U.S. History standards. Through analysis, discussion, and examination, students will develop their civic knowledge, critical thinking skills, and the practice of historical research. As a result of this course, students may be required to participate in a civic service activity as prescribed by state law.

US History I (1763-1877) Honors**Course #113****(5 Credits - year)**

Prerequisites: Open to Grade 9 students with teacher recommendation.

Students will begin their study of United States history with a review of the origins and main events of the American Revolution, Constitutional principles, and events of the early Republic. They will examine, in depth, the causes and consequences of the Civil War, industrialization, immigration, Progressivism and the role of the United States in World War I. The reading of primary and secondary source documents is a key feature of the two year set of U.S. History standards. Through analysis, discussion, and examination, students will develop their civic knowledge,

critical thinking skills, and the practice of historical research. As a result of this course, students may be required to participate in a civic service activity as prescribed by state law.

US History II (1877 - Present) Course #120 (5 Credits - year)

Prerequisite: Grade 10 students are recommended and assigned to this course. This course is designed for students requiring intensive specialized instruction in a small group setting.

Students continue their study of United States history of the 20th and 21st centuries. They learn about the economic history of the Great Depression, New Deal, World War II, and the Cold War, concluding with an examination of domestic and global policies and politics in the 21st century. The reading of primary source documents is a key feature of the two-year set of U.S. History standards. Through analysis, discussion, and examination, students will develop their civic knowledge, critical thinking skills, and the practice of historical research. As a result of this course, students may be required to participate in a civic service activity as prescribed by state law. ***This course does not meet NCAA eligibility criteria.***

US History II (1877-Present) CP Course #122 (5 Credits - year)

Prerequisite: Grade 10 students.

Students continue their study of United States history of the 20th and 21st centuries. They learn about the economic history of the Great Depression, New Deal, World War II, and the Cold War, concluding with an examination of domestic and global policies and politics in the 21st century. The reading of primary source documents is a key feature of the two-year set of U.S. History standards. Through analysis, discussion, and examination, students will develop their civic knowledge, critical thinking skills, and the practice of historical research. As a result of this course, students may be required to participate in a civic service activity as prescribed by state law.

US History II (1877-Present) Honors Course #123 (5 Credits - year)

Prerequisites: Open to Grade 10 students with teacher recommendation.

Students continue their, in depth, study of United States history of the 20th and 21st centuries. They learn about the economic history of the Great Depression, New Deal, World War II, and the Cold War, concluding with an examination of domestic and global policies and politics in the 21st century. The reading of primary source documents is a key feature of the two-year set of U.S. History standards. Through analysis, discussion, and examination, students will develop their civic knowledge, critical thinking skills, and the practice of historical research. As a result of this course, students may be required to participate in a civic service activity as prescribed by state law.

World History II (1500-Present) Course #130 (5 Credits - year)

Prerequisite: Grade 11 students are recommended and assigned to this course. This course is designed for students requiring intensive specialized instruction in a small group setting.

In World History II students study the rise of the nation state in Europe and the economic and political roots of the modern world, including the Industrial Revolution, 19th century political reform in Western Europe, and European imperialism in Africa, Asia, and South America. They also examine the causes and consequences of the great military and economic events of the past century, including World War I, the Great Depression, World War II, the Cold War, the Russian and Chinese revolutions, the rise of nationalism, and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. This course is a continuation of Ancient/Classical Civilizations in Grade 7 and World History I in Grade 8. ***This course does not meet NCAA eligibility criteria.***

World History II (1500-Present) CP Course # 132 (5 Credits - year)

Prerequisite: Open to Grade 11 students.

In World History II students study the rise of the nation state in Europe and the economic and political roots of the modern world, including the Industrial Revolution, 19th century political reform in Western Europe, and European imperialism in Africa, Asia, and South America. They also examine the causes and consequences of the great military and economic events of the past century, including World War I, the Great Depression, World War II, the Cold War, the Russian and Chinese revolutions, the rise of nationalism, and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. This course is a continuation of Ancient/Classical Civilizations in Grade 7 and World History I in Grade 8.

World History II (1500-Present) Honors Course # 133 (5 Credits - year)

Prerequisites: Open to Grade 11 students with teacher recommendation.

In World History II students study, in depth, the rise of the nation state in Europe and the economic and political roots of the modern world, including the Industrial Revolution, 19th century political reform in Western Europe, and

European imperialism in Africa, Asia, and South America. They also examine the causes and consequences of the great military and economic events of the past century, including World War I, the Great Depression, World War II, the Cold War, the Russian and Chinese revolutions, the rise of nationalism, and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. This course is a continuation of Ancient/Classical Civilizations in Grade 7 and World History I in Grade 8.

AP United States History

Course # 134

(5 Credits - year)

Prerequisites: Open to Grade 10 students with teacher recommendation. Serves as a Sophomore Social Studies requirement. Also open to seniors as an elective with teacher recommendation.

The AP course in U.S. History is designed to provide students with analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The textbooks will be supplemented by readings in the form of documents, essays, and books on special themes. Students will be expected to take notes from printed materials and lectures or discussions, write essay examinations and write analytical and research papers with clarity and precision. Summer reading is required. This course is open to highly motivated students who are willing to meet the level of effort and performance necessary to be prepared for the AP examination, which will be given in the spring. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

AP World History

Course # 135

(5 Credits - year)

Prerequisites: Open to Grade 11 students with teacher recommendation. Serves as a Junior Social Studies requirement. Also open to seniors as an elective with teacher recommendation.

The AP course in World History is designed to provide students with analytic skills and factual knowledge necessary to deal critically with the problems and materials in World History. The textbooks will be supplemented by readings in the form of documents, essays, and books on special themes. Students will be expected to take notes from printed materials and lectures or discussions, write essay examinations and write analytical and research papers with clarity and precision. Summer reading is required. This course is open to highly motivated students who are willing to meet the level of effort and performance necessary to be prepared for the AP examination, which will be given in the spring. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

AP Psychology

Course # 165

(5 Credits - year)

Prerequisites: Open to Grade 11 and 12 students with teacher recommendation. Students are encouraged to have taken Introduction to Psychology Honors.

The AP course in Psychology introduces students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to psychological facts, principles, phenomena associated with each of the major subfields within psychology. Students will also learn about the methods psychologists use in their science and practice. This course is open to highly motivated students who are willing to meet the level of effort and performance necessary to be prepared for the AP examination, which will be given in the spring. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

World Language Department Offerings

Spanish 1 College Prep

Course # 412

(5 Credits - year)

Prerequisites: Open to all students.

This course is designed to develop student proficiency in speaking, listening, reading, and writing Spanish, and to increase students' knowledge and appreciation of the diverse cultures of the Spanish-speaking world. Emphasizing communication, the course employs a variety of activities to promote learning and application of the target language. Students in this course are expected to perform at an average pace and skill level.

Spanish 1 Honors

Course # 413

(5 Credits - year)

Prerequisites: Academy students will be placed into this course.

This course is designed to develop student proficiency in speaking, listening, reading, and writing Spanish, and to increase students' knowledge and appreciation of the diverse cultures of the Spanish-speaking world. Emphasizing communication, the course employs a variety of activities to promote learning and application of the target language. The class pace is accelerated and a higher-level of student skill development is expected.

Spanish 2 College Prep**Course # 422****(5 Credits - year)***Prerequisite: Successful completion of Spanish 1.*

This course provides a brief review of the communicative functions acquired in Spanish 1. New speech patterns, vocabulary, and controlled conversational situations are introduced in order to help students work toward Spanish fluency. Students in this course are expected to perform at an average pace and skill level.

Spanish 2 Honors**Course # 423****(5 Credits - year)***Prerequisite: Successful completion of Spanish 1H. Academy students will be placed into this course*

This course continues to build on the communicative skills developed in level 1. New vocabulary, idioms, tenses, and speech patterns are introduced, including “independent” usage and complex sentences which increase throughout the year. The class pace is accelerated and a higher-level of student skill development is expected.

Spanish 3 College Prep**Course # 432****(5 Credits - year)***Prerequisite: Successful completion of Spanish 2.*

This course provides a systematic review, and further development of, all communicative functions. Students are engaged in more advanced composition, research, and aural and oral training. Literature introduced includes short stories by Latin American and Spanish authors.

Spanish 3 Honors**Course # 433****(5 Credits - year)***Prerequisite: Successful completion of Spanish 2H.*

This course provides a thorough review of content from level 2H and continues development of the four language skills. Extensive new vocabulary and speech patterns are introduced, and emphasis is placed on reading for content, and on independent communication of ideas through original statements involving new materials, and through written compositions. The class pace is accelerated and a higher-level of student skill development is expected.

Spanish 4 Honors**Course # 443****(5 Credits - year)***Prerequisite: Successful completion of Spanish 3H.*

This course is a combination of oral, aural, reading, and written work, and makes use of testing materials aimed at promoting fluency in the target language.

Spanish 5 Honors**Course # 429****(5 Credits - year)***Prerequisite: Successful completion of Spanish 4H.*

In this course, students will increase Spanish language proficiency through the study of various authentic sources such as television commercials, newspaper articles, music, and films. This course will also review advanced grammatical structures in a practical context. Students will be exposed to further in-depth study of Hispanic history and culture. This course is intended for students who have successfully completed four years of language study.

Spanish for Heritage Speakers & Advanced Language Learners - Intermediate Course #434 (5 Credits-year)

This course is designed for heritage/native speakers of Spanish, as well as for speakers of other Latin languages that require enhanced opportunities to study language. The course will explore advanced topics in Spanish language, literature, and culture. Students will also gain a better understanding of their own language and build upon the skills they already possess. The main focus of this course is on reading and writing skills, although reading, writing, listening, and speaking in Spanish will all be practiced. Students will be prepared to use their bilingual skills in both academic and professional settings.

Latin 1 Honors**Course # 480****(5 Credits - year)***Prerequisite: Open to all students.*

Latin I is an introduction to the Latin language and Roman civilization. Instruction at the first year level will emphasize grammar, vocabulary and translation. Students will also study the Greek and Roman mythology and acquaint themselves with the major heroes, monsters and epics in this genre.

Latin 2 Honors**Course # 481****(5 Credits - year)***Prerequisite: Successful completion of Latin 1H.*

Latin II: Students will continue their study of the Latin language and grammar while continuing to increase their vocabulary and their ability to translate. Students will also study the major events and figures of the Punic Wars and the era of the Roman Republic.

Latin 3 Honors**Course # 482****(5 Credits - year)**

Prerequisite: Successful completion of Latin 2H.

Students will continue their study of the fundamentals of the Latin language and grammar while continuing to increase their vocabulary and strengthen their ability to translate. The students will gain the skills to translate, comprehend and enjoy authentic Latin texts including Ovid's *Metamorphoses*. Students will learn the elements of Roman poetry including common literary devices, meter, word order and sound patterns. The students will also study the major events and figures during the Augustan Age and how it relates to Roman Literature.

Latin 4 Honors

Course # 483

(5 Credits - year)

Prerequisite: Successful completion of Latin 3H.

This course aims to enable students to read, understand and enjoy the poetry of two of the most famous love poets from Antiquity: Catullus and Horace. The students will study the poetry of these men and examine the use of literary devices, allusions, meter, and grammatical and syntactical concepts as they appear in the poetry of the authors. In addition, the students will examine the life and times of these poets as well as events that influenced these men and their poetry.

Humanities - Elective Offerings

Sociology

Course #142

(2.5 credits - semester)

Prerequisite: Open to students in Grades 11 and 12.

This course presents a framework of understanding today's society. This course begins with an analysis of man in the environment of his culture and his society. Particular emphasis is given to the culture concepts. Further study is given on the effect of culture in shaping the personality. This concept is the key to understanding not only other people but also ourselves. This course gives attention to particular institutions and social problems—dating, family, marriage, divorce, and juvenile delinquency.

History of the U.S. through Film

Course # 146

(2.5 credits - semester)

Prerequisite: Open to all students.

Students will examine the history of the United States by viewing a variety of motion pictures and documentaries. Beginning with the French and Indian War (Last of the Mohican) and continuing through some of the United States most intriguing moments, students will be exposed to history through a medium in which they are comfortable. Students will also be exposed to a variety of different styles of filmmaking and will be asked to judge the historical accuracy of the films and to look for biases in the films.

Abnormal Psychology

Course #162

(2.5 credits - semester)

Prerequisite: Open to students in grades 10-12.

Psychology is the study of how the brain should function. But what happens when those functions are impaired? Abnormal Psychology is a semester long course which profiles the various functions of the human brain and their connections with both each other and the rest of the body. It uncovers what causes abnormalities and mental illness within the brain and how these are treated, cured, and handled while also utilizing proper terminology and taking a different perspective towards mental illness than may usually be found within society. The class focuses on case studies, group activities, personal journaling, and lots of discussion on these topic and more!

Contemporary Law

Course #154

(2.5 credits - semester)

Prerequisite: Open to all students.

This course provides the student with a sampling of the law such as contracts, torts, domestic relations, criminal law, and constitutional law. Whenever possible, the case law method of teaching is used, as it would be in a law school. In addition, students may have an opportunity to take part in the Massachusetts Bar Assoc. statewide mock trial competition.

Introduction to Psychology

Course #160

(2.5 credits - semester)

Prerequisite: Open to students in grades 10-12.

This course is an introduction to the human mind and behavior. Students learn the language and methodology of psychology. They will discuss the history and development of modern psychological thought and theories; human physiology, particularly of the brain; conditioning and the learning process; stages of development, including the ideas of Freud and other key figures; what happens during sleep and other states of consciousness; familial and

social relationships, including the long-term effects of child abuse; abnormal and aberrant behavior including alcoholism and drug addiction and personalities; psychology and the law; and a variety of related topics.

Marketing & Advertising

Course #356

(2.5 credits - semester)

Prerequisites: Open to all students in grades 11-12. Students in grade 10 permitted with teacher approval.

This course will provide students with an opportunity to learn about marketing and advertising as a potential field of study. It will take an in-depth look into the marketing of goods and services (focusing on entertainment, sports, and fashion). Topics include: Introduction to Marketing, Market Segmentations, Market Research, Marketing Mix, and Advertising. Students will obtain their skills and knowledge through classroom instruction, group work, and projects/presentations.

The Holocaust

Course # 167

(2.5 credits - semester)

Prerequisite: Open to students in grades 10-12.

In this elective course, students will focus on the causes of the Holocaust. Students will examine the history of anti-Semitism and the European hatred toward the Jews leading up to the Holocaust, the rise of the Nationalist Socialist Party (Nazi) and Adolf Hitler in Germany. Through teacher and guest lectures, memoirs, documentaries, feature films, projects, and field trips, the horrors of the ghettos and concentration camps will be shared. The answer to the Jewish question in Europe with the implementation of the “final solution” and death camps will also be examined. Furthermore, students will investigate the aftermath of the Holocaust. Topics such as the Nuremberg Trials, anti-Semitism in Europe and the United States following World War II, and the creation of the Neo-Nazi Party in today’s world will be explored.

Mythology

Course #490

(2.5 credits - semester)

Prerequisites: Open to all students.

This class is an introduction to classical mythology. Students will explore ancient Greek and Roman stories about the lives of gods, goddesses, heroes and heroines and the universe. The course will illustrate the influence of these myths on the art, literature and culture of the modern world. This course presents an interdisciplinary approach which considers literary and artistic themes from such diverse perspectives as theology, sociology, anthropology and history.

STEM

Science - Technology - Engineering - Math

Science Department Core Offerings

Introduction to Science Foundations

Course # 209

(5 Credits - year)

Prerequisites: Open to ELL students with an English proficiency score of 1 or 2.

Science Foundations is an inquiry and phenomenon-based, interactive and intensive English language learning course taught through the content of general/foundational science principles and concepts. While working independently or collaboratively (partnerships/small groups/whole-class), students in this course will actively improve their English language listening, speaking, reading and writing skills as they study the foundations of science. This course is, *first*, an intensive literacy course and, *second*, a science course, preparing students for future English and science courses in the mainstream setting.

Biology

Course # 210

(5 Credits - year)

Prerequisites: Students are recommended and assigned for this course.

This is a first year science course that introduces concepts fundamental to an understanding of science, and introduces biology as a particular branch of science. The course develops an understanding of the biology strands following the Massachusetts curriculum frameworks. ***This course does not meet NCAA eligibility criteria.***

Biology College Prep

Course # 212

(5 Credits - year)

Prerequisites: Open to grade 9 students.

The life sciences investigate the diversity, complexity, and interconnectedness of life on earth. This course stresses the basic unity of life from the simplest cell to man. The learning strands include: The Chemistry of Life, Structure

and Function of Cells, Genetics, Human Anatomy and Physiology, Evolution and Biodiversity and Ecology. Students participate in laboratories in all of the above topics.

Biology Honors

Course # 213

5 Credits - year)

Prerequisite: Open to grade 9 students who are also enrolled in Algebra 1 Honors or Geometry Honors or CP with teacher recommendation.

The course and laboratory component are designed to provide a survey of biological principles for students who are interested in the subject and have demonstrated high motivation. Students will explore various topics that include: The Chemistry of Life, Structure and Function of Cells, Genetics, Human Anatomy and Physiology, evolution and Biodiversity and Ecology. The ability to work independently and deal with abstract concepts is expected.

Chemistry

Course # 220

(5 Credits - year)

Prerequisites: Students are recommended and assigned for this course.

This is the second year science course. Students will explore the relationship of Chemistry to many of today's medical and ecological issues. They will apply basic chemical knowledge of the structure of matter and energy relationships to the problems of living in a modern, technical society. The learning strands include: Properties of matter, Atomic structure, Periodicity, Chemical Bonding, Chemical reactions and stoichiometry, Gases and Kinetic Molecular theory, Solutions, Acids and Bases, Equilibrium and Kinetics, Thermochemistry, and Oxidation-Reduction and Electrochemistry. ***This course does not meet NCAA eligibility criteria.***

Chemistry College Prep

Course # 222

(5 Credits - year)

Prerequisites: Successful completion of grade 9 Biology.

In this fast paced course, students will explore the relationship of Chemistry to many of today's medical and ecological issues. They will apply basic chemical knowledge of the structure of matter and energy relationships to the problems of living in a modern, technical society. The learning strands include: Properties of matter, Atomic structure, Periodicity, Chemical Bonding, Chemical reactions and stoichiometry, Gases and Kinetic Molecular theory, Solutions, Acids and Bases, Equilibrium and Kinetics, Thermochemistry, and Oxidation-Reduction and Electrochemistry.

Chemistry Honors

Course # 223

(5 Credits - year)

Prerequisite: Open to grade 10 students with teacher recommendation.

This is an advanced course, which is organized around a central theme: the properties of matter are a consequence of its chemical structure. A balanced approach is presented in combining chemical theories and concepts with quantitative problems. Students will find this material challenging and will be encouraged to think independently throughout the course. Topics of study include scientific laboratory writing skills, factor-label method to problem solving, formula and equation writing, stoichiometry and the mole, atomic and molecular structure, periodicity of periodic table, gas laws, thermodynamics, equilibrium and acid/base chemistry, redox reactions, and chemical rates.

Physics College Prep

Course # 232

(5 Credits - year)

Prerequisites: Open to students in grades 11 and 12 with successful completion of Biology and Chemistry.

This course and laboratory component provides students with a working knowledge of the physical world. Students will use the most modern technology available to develop concepts and improve problem-solving skills. This course can serve as an important component of college preparatory study. The learning strands are motion and forces, conservation of energy and momentum, heat and heat transfer, waves, electromagnetism and electromagnetic radiation.

Physics Honors

Course # 233

(5 Credits - year)

Prerequisites: Successful completion of Biology and Chemistry with teacher recommendation.

This rigorous first year course for students who require a solid foundation in the fundamentals of Physics and may wish to elect AP Physics the following year. An ability to deal with the abstracts and reason mathematically is essential to success. Measurement, Unitary Analysis, Laws of Motion, Gravitation, Free-fall and Projectile Motion, Electricity and Optics are covered.

AP Physics Course 1

Course # 234

(5 Credits - year)

Prerequisites: Open to students in grades 11 and 12 with successful completion of Biology and Chemistry with teacher recommendation.

Advanced placement Algebra based physics course with a focus on kinematics; Newton's laws of motion, torque; rotational motion and angular momentum; gravitation and circular motion; work, energy and power; linear

momentum; oscillation. The course follows the College Board syllabus for AP Physics Course 1. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

AP Physics Course 2

Course # 238

(5 Credits - year)

Prerequisites: Open to students in grades 12 with successful completion of AP Physics Course 1 with teacher recommendation.

Advanced placement Algebra based physics course with a focus on fluid statics and dynamics with kinetic theory, PV diagrams and probability; electrostatics; electric circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; topics in modern physics. The course follows the College Board syllabus for AP Physics Course 2. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

Ecology

Course # 240

(5 Credits - year)

Prerequisites: Students are recommended and assigned for this course.

Ecology is the study of the interactions between organisms and their environment. It focuses on understanding the physical, chemical, and biological processes regulating the dynamics of terrestrial and aquatic ecosystems. We will discuss topics in ecology that build upon our understanding of ecosystem organization and function learned in Biology. The course will also explore the structure, behavior, habitat, and classification of animals. Some of the topics that will be covered are invertebrates which includes sponges, flatworms, mollusks, insects, arthropods, and echinoderms. The vertebrates will also be discussed which includes fishes, amphibians, reptiles, birds, and mammals. This class will incorporate laboratory activities inside and outside the classroom that complement the classroom curriculum. This course does not meet NCAA eligibility criteria.

Anatomy and Physiology Honors

Course # 243

(5 Credits - year)

Prerequisites: Open to students in grades 11 and 12 with successful completion of Biology and Chemistry with teacher recommendation.

The course combines lectures, hands-on activities, projects and laboratory exercises in order to provide a thorough understanding of human anatomy and physiology. The important relationships between structure and function at the level of cells, tissues, organs and organ systems are emphasized.

AP Biology

Course # 245

(5 Credits - year)

Prerequisites: Open to students in grades 11 and 12 with successful completion of Biology and Chemistry with teacher recommendation. It is highly recommended that students complete Anatomy and Physiology prior to taking AP Biology.

This course and laboratory component provide for study at the most advanced conceptual level. In addition to the regular class work, students will design and execute an original research investigation independent of class time. The topics of the course are molecules and cells, heredity and evolution, organisms and populations, structure and function of plants and animals and ecology. Students who work successfully in this course are required to take the Advanced Placement Examination in Biology. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

Ecology College Prep

Course # 250

(5 Credits - year)

Prerequisites: Open to students in grades 11 and 12 with successful completion of Biology and Chemistry

Ecology is the study of the interactions between organisms and their environment. It focuses on understanding the physical, chemical, and biological processes regulating the dynamics of terrestrial and aquatic ecosystems. We will discuss topics in ecology that build upon our understanding of ecosystem organization and function learned in Biology. The course will also explore the structure, behavior, habitat, and classification of animals. Some of the topics that will be covered are invertebrates which includes sponges, flatworms, mollusks, insects, arthropods, and echinoderms. The vertebrates will also be discussed which includes fishes, amphibians, reptiles, birds, and mammals. This class will incorporate laboratory activities inside and outside the classroom that complement the classroom curriculum.

AP Chemistry

Course # 255

(5 Credits - year)

Prerequisites: Open to students in grades 11 and 12 with successful completion of Biology and Chemistry with teacher recommendation.

Advanced Placement Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Therefore, it is based on a predetermined, fast paced, syllabus.

Topics include concepts in physical chemistry, organic chemistry, structure of matter, chemical bonding, equilibrium, acid-base theory, and an extensive laboratory program. Students taking this class are expected to work at a fast pace and exhibit good laboratory and organizational skills as well as effective study habits. Students who work successfully in this course are required to take the Advanced Placement examination in Chemistry. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

AP Environmental Science

Course # 275

(5 Credits - year)

Prerequisites: Open to students in grades 10, 11 and 12 with successful completion of Biology with teacher recommendation.

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

Mathematics Department Core Offerings

The SHS Math department offers a flexible program of study that meets the needs of all students in the 21st century. The primary goal of each course is to teach mathematics in accordance with our school's Mission and Expectations for Student Learning. Courses reflect NCTM and Massachusetts curriculum frameworks.

The math department offers a variety of learning experiences and assessment opportunities through an assortment of student centered activities. Students engage in learning through the use of technology, investigative labs, hands on activities and real world modeling. These courses will help develop problem solving, critical thinking and quantitative reasoning skills. The recommended calculator is the Texas Instruments TI-84+

Introduction to Math Foundations

Course #309

(5 Credits - year)

Prerequisites: Open to ELL students with an English proficiency score of 1 or 2 who require remedial instruction in basic mathematics skills, and is designed to be taken concurrently with either Algebra I CP or Geometry CP.

This course instructs ELL students in the basic skills necessary for success in SHS's mathematics program, including essentials of addition, subtraction, multiplication, division, fractions, manipulation of negative numbers, and use of number lines; and provides academic support as necessary to assist ELL students with Algebra I CP and Geometry CP content.

Algebra 1

Course #310

(5 Credits - year)

Prerequisites: Students are recommended and assigned to this course.

This course will investigate real numbers, percentage problems, linear equations and inequalities, linear functions, systems of linear equations, absolute value equations and inequalities, laws of exponents, polynomials, rational expressions, quadratic functions, radical functions, and measures of central tendency. These modern courses in first year algebra emphasize function and relations as the foundations for algebraic structure. There will be MCAS preparation skills and drills presented to prepare each student for success in tenth grade MCAS testing. ***This course does not meet NCAA eligibility criteria.***

Algebra 1 College Prep

Course #312

(5 Credits - year)

Prerequisites: Open to grade 9 students.

This course will investigate real numbers, percentage problems, linear equations and inequalities, linear functions, systems of linear equations, absolute value equations and inequalities, laws of exponents, polynomials, rational expressions, quadratic functions, radical functions, and measures of central tendency. These modern courses in first year algebra emphasize function and relations as the foundations for algebraic structure. There will be MCAS preparation skills and drills presented to prepare each student for success in tenth grade MCAS testing.

Algebra 1 Honors

Course #313

(5 Credits - year)

Prerequisites: Students must have a 90% average in 8th grade math with teacher recommendation.

This course will investigate real numbers, percentage problems, linear equations and inequalities, linear functions, systems of linear equations, absolute value equations and inequalities, laws of exponents, polynomials, rational expressions, quadratic functions, radical functions, and measures of central tendency. These modern courses in first year algebra emphasize function and relations as the foundations for algebraic structure. There will be MCAS preparation skills and drills presented to prepare each student for success in tenth grade MCAS testing.

Geometry **Course #320** **(5 Credits - year)**

Prerequisites: Students are recommended and assigned to this course. Students must have a passing grade in Algebra 1 and teacher recommendation.

This course will investigate foundations of Geometry, parallel and perpendicular lines, triangles, congruence, polygons, quadrilaterals, similarity, perimeter, circumference, area, volume, surface area, circles, transformational geometry, geometric reasoning, right triangles, and trigonometry. These modern courses in geometry emphasize concepts involving both geometry and measurement as the foundations for geometric structure. There will be MCAS preparation skills and drills presented to prepare each student for success in tenth grade MCAS testing. ***This course does not meet NCAA eligibility criteria.***

Geometry College Prep **Course #322** **(5 Credits - year)**

Prerequisites: Successful completion of Algebra 1 CP.

This course will investigate foundations of Geometry, parallel and perpendicular lines, triangles, congruence, polygons, quadrilaterals, similarity, perimeter, circumference, area, volume, surface area, circles, transformational geometry, geometric reasoning, right triangles, and trigonometry. These modern courses in geometry emphasize concepts involving both geometry and measurement as the foundations for geometric structure. There will be MCAS preparation skills and drills presented to prepare each student for success in tenth grade MCAS testing.

Geometry Honors **Course #323** **(5 Credits - year)**

Prerequisite: Open to grade 9 or 10 students with successful completion of Algebra 1 and teacher recommendation.

This course will investigate foundations of Geometry, parallel and perpendicular lines, triangles, congruence, polygons, quadrilaterals, similarity, perimeter, circumference, area, volume, surface area, circles, transformational geometry, geometric reasoning, right triangles, and trigonometry. These modern courses in geometry emphasize concepts involving both geometry and measurement as the foundations for geometric structure. There will be MCAS preparation skills and drills presented to prepare each student for success in tenth grade MCAS testing.

Algebra 2 **Course # 330** **(5 Credits - year)**

Prerequisites: Students are recommended and assigned to this course. Students must have a passing grade in Geometry and teacher recommendation.

This course will begin with a review of Algebra 1 concepts: equations, inequalities, linear systems and functions. Quadratic and exponential functions are re-examined and extended to polynomial and logarithmic functions and the associated operations. Basic trigonometric and rational functions and imaginary numbers are introduced and explored. Probability and statistics concepts are refreshed and extended to complete this course. ***This course does not meet NCAA eligibility criteria.***

Algebra 2 College Prep **Course # 332** **(5 Credits - year)**

Prerequisites: Successful completion of Algebra 1 and Geometry.

This course will begin with a review of Algebra 1 concepts: equations, inequalities, linear systems and functions. Quadratic and exponential functions are re-examined and extended to polynomial and logarithmic functions and the associated operations. Basic trigonometric and rational functions and imaginary numbers are introduced and explored. Probability and statistics concepts are refreshed and extended to complete this course.

Algebra 2 Honors **Course # 333** **(5 Credits - year)**

Prerequisites: Successful completion of Algebra 1 and Geometry with teacher recommendation.

This course will begin with a review of Algebra 1 concepts: equations, inequalities, linear systems and functions. Quadratic and exponential functions are re-examined and extended to polynomial and logarithmic functions and the associated operations. Basic trigonometric and rational functions and imaginary numbers are introduced and explored. Probability and statistics concepts are refreshed and extended to complete this course.

Algebra 3 **Course # 340** **(5 Credits - year)**

Prerequisites: Students are recommended and assigned to this course. Students must have a passing grade in Algebra 2 and teacher recommendation.

This course begins with a review of key Algebra 2 concepts: quadratics, complex numbers and functions. Polynomial functions and right triangle trigonometry are re-examined and extended to non-right triangle trigonometry.

Functions, Statistics & Trigonometry CP **Course # 366** **(5 Credits - year)**

Prerequisites: Successful completion of Algebra 1, Geometry and Algebra 2 with teacher recommendation. Can be taken in conjunction with Algebra 2 for seniors.

This course includes content from three topics necessary for success in college level math: trigonometry, functions and statistics. The focus will be on increasing skill levels in algebra and arithmetic and to introduce students to trigonometry and statistics. Functions, Statistics, and Trigonometry (FST) emphasizes functional expressions; especially linear, quadratic, power, logarithmic, and root functions and how to manipulate them. The trigonometry component will include the study of the circular function. The course will also introduce statistical properties such as measures, probability, simulation, and distributions, including binomial and normal distributions.

Pre-Calculus Honors **Course # 343** **(5 Credits - year)**

Prerequisites: Successful completion of Algebra 1, Geometry and Algebra 2 and teacher recommendation.

This Pre-Calculus course begins with a review of key Algebra 2 concepts: quadratics, complex numbers and functions. Polynomial functions and right triangle trigonometry are re-examined and extended to non-right triangle trigonometry. Operations with vectors and complex numbers are introduced and explored. An introduction to limits and beginner calculus topics complete this course.

Calculus Honors **Course # 353** **(5 Credits - year)**

Prerequisites: Successful completion of Honors Precalculus with teacher recommendation.

This course includes topics of functions, asymptotic and unbounded behavior, continuity, and limits. Concepts involving derivatives will also be introduced. These concepts include basic derivatives concepts, derivatives at a point, derivatives as a function, second derivatives, and application of derivatives, curve sketching, and computation of derivatives. The third major concept is integrals. Topics of integrals include interpretations and properties of definite integrals, applications of integrals, the Fundamental Theorem of Calculus, techniques of antidifferentiation, application of antidifferentiation and numerical approximations of definite integrals. A graphing calculator is **required** for this course. The recommended calculator is a TI-84, TI-89, or TI-Nspire graphing calculator.

AP Calculus AB **Course # 345** **(5 Credits - year)**

Prerequisites: Successful completion of Honors Precalculus with teacher recommendation.

This course follows the topics outlined for Calculus AB as described by the College Board Advanced Placement Program. It includes topics of functions, asymptotic and unbounded behavior, continuity, and limits. Concepts involving derivatives will also be introduced. These concepts include basic derivatives concepts, derivatives at a point, derivatives as a function, second derivatives, and application of derivatives, curve sketching, and computation of derivatives. The third major concept is integrals. Topics of integrals include interpretations and properties of definite integrals, applications of integrals, the Fundamental Theorem of Calculus, techniques of antidifferentiation, application of anti-differentiation and numerical approximations of definite integrals. A graphing calculator is **required** for this course. The recommended calculator is a TI-84, TI-89, or TI-Nspire graphing calculator. Students will be expected to use the graphing calculator to perform the four requirements as defined in the AP Program. These requirements are plotting graphs of a function in the appropriate viewing window, finding the zeros of functions, numeric calculation of derivatives, and numerical calculations of definite integrals. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

AP Statistics **Course # 365** **(5 Credits - year)**

Prerequisites: Successful completion of Algebra 1, Geometry and Algebra 2 with teacher recommendation.

This course follows the topics outlined for Statistics as described by the College Board Advanced Placement Program. Major themes encompass exploring data, patterns and departures from patterns, anticipating patterns, producing models using probability and simulation, planning a study, deciding what and how to measure, statistical inferences, and confirming models. A graphing calculator is **required** for this course. The recommended calculator is a TI-84 and TI-Nspire graphing calculator. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

Technology Department Core Offerings

Computer Science**Course # 565****(2.5 Credits- semester)***Prerequisites: Open to all students.*

This course offers an introduction to students to an array of computer science concepts that include computer programming, robotics, 3D printing, and digital media design. The course covers the fundamental concepts required for beginner multimedia designers to create compelling meaningful content using the Adobe Suite software with programs such as Adobe Photoshop, Adobe Premiere, Adobe After Effects, and Adobe Illustrator. In addition, students will be programming apps on various platforms, such as Sphero robots and Scratch.

Computer-Aided-Design with AutoCAD**Course # 571****(2.5 Credits- semester)***Prerequisites: Open to all students*

Instruction in mastering various commands and drawing techniques of AutoCAD . Topics are covered in an easy-to-understand sequence, and progress in such a way that allows the student to become comfortable with the commands as knowledge builds.

**Advanced Computer-Aided-Design
with AutoCAD****Course # 572****(5 Credits - year)***Prerequisites: Successful completion of Computer Aided-Design with a grade of B.*

Concentrating on Mechanical Design, instruction continues the work started in AutoCAD. Students will become proficient in blueprint-reading and drawing.

**Honors Computer-Aided-Design
with AutoCAD****Course # 573****(5 Credits - year)***Prerequisites: CAD and Advanced CAD with a grade of B, The Academy or any senior interested in a technical field with a teacher recommendation.*

Concentrating on the 3rd Dimension, students will be introduced to solid-modeling using the most up-to-date software available to designers and engineers.

AutoCAD Specialization**Course # 576****(2.5 Credits- semester)***Prerequisites: Three years of AutoCAD. Teacher recommendation required.*

Using AutoCAD software, students have the opportunity to expand their individual interests in a myriad of Design and Engineering Areas. **Course can be taken multiple times. This is a Pass/Fail Course that is not factored into a student's GPA.**

AP Computer Science A**Course # 577****(5 Credits - year)***Prerequisites: Successful completion of AP Computer Science Principles with teacher recommendation.*

The AP Computer Science A course is an advanced course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

AP Computer Science Principles**Course # 578****(5 Credits - year)***Prerequisites: Successful completion of Course #565 with teacher recommendation.*

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Students taking AP courses at Saugus High School **are required** to take the corresponding AP exam administered at school in May.

Help Desk**Course # 568****(2.5 Credits - semester)***Prerequisite: Teacher recommendation required. Students must have taken at least one computer science course.*

This course is designed to develop a technical knowledge and customer relations skills necessary to be a successful PC service technician. Students will be instructed in software installation, troubleshooting, hardware repair and installation, and in computer maintenance. On a daily basis, students will provide help desk technical assistance, follow-up diagnostics, repair and maintenance of school computers. ***Course can be taken multiple times. This is a Pass/Fail Course that is not factored into a student's GPA.***

STEM Elective Offerings

Forensics

Course # 274

(2.5 Credits- semester)

Prerequisites: Open to students in grades 11 and 12 with successful completion of Biology and Chemistry.

This course is designed to challenge students with topics such as fingerprinting, DNA analysis, blood typing and spattering, trajectories (for ballistics as well as blood spattering) comparative anatomy, and chemical analysis of drugs, poisons, and trace evidence, and the dynamics of Physics. Students will learn about the careers involved with Forensic Science and will play mock roles as experts in the field to solve crimes. The students will all be given the tools to interpret data and techniques involved for both chemical and biological analysis of evidence.

Honors Field Research and Design Methods (Semester 2 Only)

Course # 277

(2.5 Credits- semester)

Prerequisites: Open to students in grades 11 and 12 with teacher recommendation.

This course is for students who want to explore and further their understanding of scientific research in local ecosystems. Students will take frequent field trips around the area to gather field data in various outdoor environments. By working with local scientists, students will practice techniques used in the field to gather data. Students will gain knowledge by accessing current scientific research and analyzing data. Long term and short term projects will have students working both independently and collaboratively in and out of the classroom. The final product of the course will be to design and implement a scientific inquiry research project to answer a question using methodology. Students will use their knowledge and experiences to collect, analyze, and present their data and conclusions.

Fine Arts

Performing Arts Offerings

Credit is given to student members who meet their obligations pertaining to rehearsals and performance commitments. Students are encouraged to participate in Concert Band, Instrumental Ensembles, Concert Choir and Quartets. Practice schedules arranged.

Chorus

Course # 800

(5 Credits - year)

Prerequisites: Open to all students 9-12 who are interested in singing. ***This class may be taken multiple times.***

This ensemble is a general chorus of mixed voices (male & female) that performs music from a wide variety of musical styles. Performances may include, but are not limited to, school assemblies, civic/community programs, and annual concerts. Some rehearsals outside of the regular school day may be required. **Membership in this course is required to participate in after school select vocal groups or to audition for the district/all-state level chorus.**

Honors Chorus

Course # 805

(5 Credits - year)

This is an honors level option for chorus and meets at the same time as the regular chorus. In addition to the regular requirements for chorus, students enrolled in the honors options will be required to complete an additional project each quarter. Projects may include, but are not limited to, the creation of program notes for concerts, quartets and/or small singing groups, and other options approved by the instructor. **Membership in this course is required to participate in after school select vocal groups or to audition for the district/all-state level chorus. Students may choose this honors option at the beginning of the school year with teacher approval.**

Band

Course # 801

(5 Credits - year)

*Prerequisites: Proven basic instrumental skills either through participation in band in earlier grades or through private study. **This class can be taken multiple times.***

The H.S. Band is a performance-based course of study. Performance opportunities include the marching band, the concert band, various seasonal “pep” bands, small ensembles, solo work and participation in a spring musical. Commitment to this class will not be limited to classroom time. Rehearsals and performances are frequently scheduled after school and attendance is mandatory. Students are responsible for the care and maintenance of all school-owned instruments and uniforms.

Transfer students who meet basic skills standards are invited to join auditions at the discretion of the instructor. Students who lack basic playing skills but have an interest in band participation may make arrangements with the instructor for lessons.

Performance opportunities in music festivals, exchange concerts and public forums locally and out of the community may require fundraising to help defray the cost. Students are expected to participate.

Credit is given to student members who meet their obligations pertaining to rehearsals and performance commitments. Students are encouraged to participate in Stage Band, Instrumental Ensembles and Orchestra. Practice schedule arranged.

Introduction to Theatre

Course # 821

(2.5 Credits - semester)

Prerequisites: Open to all students

This course is designed to introduce students to the many facets of Theatre Arts including theatre history, improvisation, script writing, and acting. Actor training activities include warm-up exercises for the body and voice as well as the study of characterization, motivation, concentration and relaxation. Acting experiences will include pantomimes, improvisations, dramatic readings, and memorized scenes. Students will be required to attend and create performances outside of the school setting.

Technical Theater

Course #826

(2.5 Credits - semester)

Prerequisites: Open to all students

This half year course is designed to give students hands on technical theater experience. Instructional activities include: stage management, set design and construction, lighting and sound design and execution, properties and costume research, design and building and make-up design and application. Box office, program and marketing will be explored as well. Students will be required to design and run the technical aspects of classroom projects and drama productions outside of the school setting.

Theatre Games and Improvisation

Course #829

(2.5 Credits - semester)

*Prerequisites: Open to all students. **This course can be taken multiple times.***

The purpose of this course is to provide an understanding of the fundamentals of theatrical improvisation through the use of theatre games and exercises. Students will be trained in the fundamental skills of the theater arts, including acting techniques, body control, voice, diction, pantomime, creating of character, projection of ideas and emotions, and acting of improvisational scenes.

Music in Film

Course #832

(2.5 Credits - semester)

Prerequisites: Open to all students.

Have you ever stopped to listen to the music in movies? Film scores are one of the biggest ways people experience music in our day and age. In this course students will examine how music affects our perception of movies. From the music of John Williams in *Jaws*, *E.T.* and *Star Wars* to how Beethoven is used in current movies to new film scores from Trent Reznor in *The Social Network*, students will learn how composers are able to make us feel sad, terrified and triumphant. This class will include written assignments, projects and tests.

Film Studies

Course #833

(2.5 Credits - semester)

Prerequisite: Open to all students.

This half-year course will allow students to view 12-15 classic films from various eras, genres, and countries. Films will be studied and critically analyzed to understand how directors use film technique to tell stories visually. Students should come to understand the genre as another means of learning.

Acting & Play Study

Course # 839

(2.5 Credits - semester)

Prerequisites: Successful completion of Introduction to Theatre #821.

In this course, students will hone their acting skills while diving into the styles of various periods in dramatic literature, including Greek theatre, William Shakespeare, Henrik Ibsen, Anton Chekov, Bertolt Brecht, Harold Pinter, and Oscar Wilde. Students will perform and direct scenes and monologues from various styles of theatre with the aim of telling a story within that given dramatic style.

Visual Arts Offerings

Introduction to Studio Art **Course #807** (2.5 Credits - semester)

Prerequisites: Open to all students.

In this course students will be exposed to the procedures and materials that artists use. Students will use the entire artistic process of planning, creating, revising, preparing for exhibition, and self assessment. Although students will have opportunities for collaboration with their peers, this course demands students who are self-motivated to create. A sketchbook is required for notes and idea development.

Studio Art **Course #809** (2.5 Credits - semester)

Prerequisites: Successful completion of Introduction to Studio Art.

In this course the student is the artist and the classroom is their studio. Students must be able to work independently on projects of their own creation. Many forms of art will be accessible to students including drawing, painting, sculpture, printmaking, etc. Students will focus on their artistic growth as they continue to develop a personal style within their work. A sketchbook is required for this class. ***Students may repeat this course for credit with teacher permission.***

Independent Art Portfolio **Course #812** (2.5 Credits - semester)

Prerequisite: Successful completion of Studio Art & teacher recommendation

This course is designed to meet the needs of the student who is considering a career in the arts. Students will collect their pieces to assemble a portfolio that may be used for admission requirements for colleges, universities, technical programs, etc. This course requires that students are able to work independently. A sketchbook is required for this course. ***Students may repeat this course for credit with teacher permission.***

Pottery **Course #818** (2.5 Credits - semester)

Prerequisites: Successful completion of Introduction to Studio Art.

This course is intended to give students an introduction to pottery materials and techniques. Included will be projects that cover the basics of clay such as; slab building, coil construction, pinch pots and throwing on the pottery wheel. Students will develop skills while exploring form and function, and the history of pottery. ***Students may repeat this course for credit with teacher permission***

Publication and Design **Course #532** (5 Credits - year)

Prerequisite: Grade 12 student by teacher recommendation only.

This course offers a practical introduction to the conception, design and production of promotional print. Using industry standard software taught in course #565, students will learn more advanced techniques such as manipulate type into artwork, designing logos, creating illustrations using computer imaging techniques and scanned images in their projects. Students will be responsible to produce the layout for the *Tontoquonian*, Saugus High School's yearbook, and to produce marketable items such as: calendars with feature photos and graphics, business letterheads and cards, newsletters, handbooks, brochures and invitations. This class is also responsible for creating the senior video.

Video Editing **Course #544** (2.5 Credits - semester)

Prerequisites: Open to all students.

Students will learn the basics of using a digital still and video camera. They will also learn to use a scanner in combination with video and pictures they have imported to create a variety of video projects. The video software that is taught in the class is Adobe Premiere, used to create video projects. Students will be responsible for filming co-curricular events after school hours as part of their portfolio and class participation.

Advanced Video Editing **Course #575** (2.5 Credits - semester)

Prerequisites: Successful completion of Video Editing or with a teacher recommendation.

This course will provide students the opportunity to utilize knowledge obtained in Video Editing to create and maintain a video resume and e-portfolio utilizing Adobe Premiere as well as other advanced movie editing software and digital media. Students will be responsible for teaming up with teachers in other departments to develop some type of cross curriculum projects where teachers will be able to utilize the students' expertise with the software as well as develop assignments that will utilize the technology used in this course. Students may be responsible for

filming co-curricular events after school hours as part of their portfolio and class participation. *Only self-motivating students should enroll.*

Video Production

Course #815

(2.5 Credits - semester)

Prerequisites: Successful completion of Video Editing.

In this class the students will be introduced to the basic skills of video production. Throughout the semester these skills should be developed and refined and to some degree mastered by the students. Then the students will be introduced to the more elaborate skills involved in video production and during the remainder of the course should work to be comfortable applying these skills at a basic level. At the conclusion of this course the students should have mastered the basic skills and be able to use with prompting the more advanced skills.

Introduction to Digital Photography

Course #547

(2.5 Credits - semester)

Prerequisites: Teacher Recommendation, Open to students in grades 10-12.

This is a fun and exciting introduction into a new world of digital photography. Students are introduced to digital camera controls, image creation and workflow. In-class instructions and assignments cover non-automatic shooting modes, image storage capabilities, file types, menus, exposure, light, shutter effects, and creativity.

Demonstrations and lectures are complemented by field trips around the school grounds. Students take their field images back to the digital lab, and learn to utilize Adobe Lightroom software for optimal image development and organization. Extensive hands-on class and fieldwork provides students with the knowledge and practice to become comfortable with digital SLR cameras and image processing.

Wellness

The Wellness Department offers modules in which the students learn fundamental health concepts and skills that foster healthy habits and behaviors. Through a combined and coordinated teaching of health education, and family and consumer science, starting in grade 9 and continuing through grade 12, these modules will enable the individual to make healthier lifestyle choices.

Wellness Department Core Offerings

Wellness 101

Course #911

(2.5 Credits - semester)

Prerequisites: Required for all freshmen

Students will be introduced and instructed on various Physical Education & Health Education activities.

Physical Education activities include , but not limited to:

- Intro to Weight/ Fitness Room - students will learn how to properly use and train with the equipment while maintaining safety
- Team Games Unit - intro to various team sports (soccer, volleyball, floor hockey, team handball, etc)
- Leisure Activities - recreational games (Cornhole, Spikeball, KanJam, Ladderball, etc)
- Team Building Unit - Cooperative Games and basic team building/ icebreaker activities

Health Education topics include:

- Intro to Wellness - Discover the components of Wellness; Fitness Testing
- Personal Health - Proper care and maintenance of themselves
- Addiction/ Drug Awareness - discussion on addiction; risk factors, and classes of drugs - vaping information
- Relationships - developing and maintaining healthy relationships and recognizing and eliminating unhealthy relationships

Wellness 2

Course #912

(2.5 Credits - semester)

Students will be instructed in the fundamental skills and the rules of a number of varied team activities including football, soccer, softball, volleyball, floor hockey and basketball. Students will also be exposed to non individual

leisure sports. These activities include walking for health, weight training, aerobic exercise, and other selected activities. Health classroom modules on sexual education, personal health, drug education, and violence prevention (conflict resolution) will be covered. Students may also be exposed to other proactive prevention programs and guest speakers.

Wellness 3

Course #913

(2.5 Credits - semester)

Students will be instructed in the fundamental skills and the rules of a number of varied team activities including football, soccer, softball, volleyball, floor hockey and basketball. Students will also be exposed to non individual leisure sports. These activities include walking for health, weight training, aerobic exercise, and other selected activities. Health classroom modules on Nutrition, CPR & First Aid, Life Skills, and alcohol/drug education will be covered. Students may also be exposed to other proactive prevention programs and guest speakers.

Wellness 4

Course #914

(2.5 Credits - semester)

This will be an all activities based course focused on teaching students about fitness for life. Activities will range from team sports to 1 outdoor leisure activities.

Wellness Department Elective Offerings

Marketing & Advertising

Course #356

(2.5 credits - semester)

*Prerequisites: Open to all students in grades 11-12. Students in grade 10 permitted with teacher approval. **This course does not meet wellness graduation requirements.***

This course will provide students with an opportunity to learn about marketing and advertising as a potential field of study. It will take an in-depth look into the marketing of goods and services (focusing on entertainment, sports, and fashion). Topics include: Introduction to Marketing, Market Segmentations, Market Research, Marketing Mix, and Advertising. Students will obtain their skills and knowledge through classroom instruction, group work, and projects/presentations.

Intro to Sports Management

Course #917

(2.5 Credits - semester)

*Prerequisites: Open to students in grades 11 and 12 with teacher recommendation. **This course does not meet wellness graduation requirements.***

Entry-level course designed to introduce this highly sought after field of study. Students will learn the different aspects of Sports Management, such as Athletic Administration, Sports Broadcasting, Sports Law, Sports Marketing, Public Relations, and Event/ Facility Management. They will also have the opportunity to meet various professionals in the sporting industry.

The Psychology of Sports

Course # 918

(2.5 Credits - semester)

*Prerequisite: Open to students in Grade 11 or 12. **This course does not meet wellness graduation requirements.***

This course explores the relationship of competitive and recreational sports to social and cultural aspects of society. Sport is analyzed as an important social institution that influences and is influenced by the larger society. Topics will include issues concerning ethics, race, gender, deviance, and social problems, and youth socialization with regard to sports.

English Language Learners

Transitional English Support

Course # 1035

(5 Credits - year)

Prerequisite: Open to all ELL students with an English proficiency score of a 4 or a 5 or completion of ELD 3 and FEL students in their first year after exiting the ELL program.

This course is designed for students who have mastered social language and are focusing on complex, academic language. EL and FEL students at this level follow a curriculum that includes the standards as outlined in the WIDA English Language Development Standards. Critical thinking skills, process writing, interactive learning, and participating in oral discussions will be stressed. Students will continue to apply an understanding of process skills when writing essays and research papers. A survey of the forms of literature presented in mainstream college level courses is an integral part of the course.

English Language Development 1**Course # 1036****(5 Credits - year)**

Prerequisite: Open to all ELL students with an English proficiency score of a 1.

This course is designed for students with **emerging** English proficiency and limited or interrupted prior schooling. This theme-based course familiarizes students with the language they need to succeed as students and community members, and helps students develop effective study habits and skills. EL students at this level follow a curriculum that includes listening, speaking, reading and writing as outlined in the WIDA English Language Development Standards. This course focuses on basic interpersonal communicative skills in English and simultaneously introduces cognitive academic language proficiency skills. This course satisfies an English graduation requirement.

English Language Development 2**Course # 1037****(5 Credits - year)**

Prerequisite: Open to all ELL students with an English proficiency score of a 2 or completion of ELD 1.

This course is designed for students with **intermediate** English proficiency. EL students at this level follow a curriculum that includes listening, speaking, reading and writing as outlined in the WIDA English Language Development Standards. Basic interpersonal communicative skills in English are emphasized while simultaneously introducing cognitive academic language proficiency skills. This course satisfies an English graduation requirement.

English Language Development 3**Course # 1039****(5 Credits - year)**

Prerequisite: Open to all ELL students with a English proficiency score of a 3 or completion of ELD 2.

This course is a continuation in the series of English Language Development courses. EL students at this level follow a curriculum that includes listening, speaking, reading and writing as outlined in the WIDA English Language Development Standards. Students will interact with complex reading materials and academic tasks. In addition to standard intermediate grammar and vocabulary acquisition, students will read works of greater length, discuss literary and factual works in English, conduct library research, give oral presentations and practice writing process skills. Further development of English proficiency for both interpersonal communication and academic use is emphasized.

English Language Development 2 Reading & Writing**Course # 1041****(5 Credits - year)**

Prerequisite: Open to all ELL students with an English proficiency score of a 2 or completion of ELD 1.

This course focuses on accuracy in reading comprehension and writing English in personal and basic academic contexts. Students will write personal narratives as well as evidence based informative and persuasive essays. Students will read a variety of both fictional stories and nonfiction articles as well as two novels which will be discussed orally and in writing. Students will use new vocabulary and grammar structures introduced in ELL 2.

Introduction to Science Foundations**Course # 209****(5 Credits - year)**

Prerequisites: Open to ELL students with an English proficiency score of 1 or 2.

Science Foundations is an inquiry and phenomenon-based, interactive and intensive English language learning course taught through the content of general/foundational science principles and concepts. While working independently or collaboratively (partnerships/small groups/whole-class), students in this course will actively improve their English language listening, speaking, reading and writing skills as they study the foundations of science. This course is, *first*, an intensive literacy course and, *second*, a science course, preparing students for future English and science courses in the mainstream setting.

Introduction to Math Foundations**Course #309****(5 Credits - year)**

Prerequisites: Open to ELL students with an English proficiency score of 1 or 2 who require remedial instruction in basic mathematics skills, and is designed to be taken concurrently with either Algebra I CP or Geometry CP.

This course instructs ELL students in the basic skills necessary for success in SHS's mathematics program, including essentials of addition, subtraction, multiplication, division, fractions, manipulation of negative numbers, and use of number lines; and provides academic support as necessary to assist ELL students with Algebra 1 CP and Geometry CP content.

Special Education Programs

Work Study**Course #1018****(2.5 Credits - semester)**

Prerequisite: Open to grade 11-12 PROUD Program students.

The Work-Study Program at Saugus High School provides junior and senior students an opportunity to meet their academic requirements for graduation while gaining valuable work experience. Through this employment experience, students will build the knowledge, skills, independence and self-confidence to be successful in higher education, the workplace, and in life. Students participating in this program will attend their academic classes daily and be granted late arrival or early dismissal to participate in employment during school hours. The program connects business and education and provides students with experience to give them focus for their lives after high school. ***Courses can be taken multiple times with teacher approval.***

Transition Skills **Course #1019** **(2.5 Credits - semester)**

Prerequisite: Open to students in all grades by Special Education Department Approval only.

The purpose of this course is to assist students in transition from high school to their post-secondary life. Students will explore college, careers, independent living, and learn more about themselves as individuals. Students will create a transition portfolio that they can take with them when they leave. The course curriculum will follow a timeline of activities that will vary from student to student based on their individual needs and plans.

Student Center **Course #1020** **(2.5 Credits - semester)**

Prerequisite: Open to all grades for students on IEP plans.

Students interested in receiving additional academic help may report to the Student Center during a directed study period where staff and/or student instructional aides will provide assistance. Students enrolled full time will be eligible for up to 5 credits as determined by the team.

Life Skills **Course #648** **(5 Credits - year)**

Prerequisites: Students are assigned to this course based on their Individualized Education Plans.

This course is designed for students with individual education plans who need additional instruction for post high school endeavors. Basic skills in reading, math and writing will be stressed using a variety of information and hands-on related work that will provide for independent living.

Career Electives

Help Desk **Course # 568** **(2.5 Credits - semester)**

Prerequisite: Teacher recommendation required. Students must have taken at least one computer science course.

This course is designed to develop a technical knowledge and customer relations skills necessary to be a successful PC service technician. Students will be instructed in software installation, troubleshooting, hardware repair and installation, and in computer maintenance. On a daily basis, students will provide help desk technical assistance, follow-up diagnostics, repair and maintenance of school computers. ***Course can be taken multiple times. This is a Pass/Fail Course that is not factored into a student's GPA.***

Child Lab **Course # 641** **(2.5 Credits - semester)**

*Prerequisites: Open to 11th & 12th grade students with a good attendance & conduct record along with teacher recommendation. **Students need to have their own method of transportation to travel to the Veterans Early Learning Center.***

This is a half year course that offers the high school student a hands-on experience with preschoolers. New Beginnings is a preschool at the Veterans Memorial Elementary School. High school students are taught how to prepare lessons and plan circle time activities. Students have the opportunity to teach lessons to the 4 and 5 year olds enrolled in the program.

Peer Leaders Program **Course # 660** **(2.5 Credits - semester)**

Prerequisites: Open to all interested students in grades 9-12 with a good attendance & conduct record.

This is a half year course that offers high school students the chance to work hands-on in a substantially separate setting with peers who have intellectual disabilities. Students will be expected to work in the classroom, serve as a peer mentor and friend. Students will learn the importance of confidentiality and respect for all students. ***Course can be taken multiple times.***

Office Aides **Course #974** **(0 Credits - semester)**

Prerequisite: Open to grade 12 students with a good attendance & conduct record. Limit 2 per period per office.

Interested students may request to work as an Office Aide. Students are chosen based on academics, conduct and at the discretion of administration. Requests should go through the Principal's office. This course is not graded.

Lab Aide

Course #975

(2.5 Credits - semester)

This course is open to students in grades 11 & 12 by teacher recommendation only. This is a Pass/Fail graded course that is not factored into a student's GPA.

This course is for students who are interested in a career in the science field. Students will help teachers prepare for labs by creating solutions, appropriating glassware and other materials and assist in clean up and storage of materials. Lab aides may assist in facilitating labs and by helping to plan and set up activities and will be another resource for students during class.

Teacher Assistant

Course #976

(2.5 Credits - semester)

This course is open to students in grades 11 & 12 by teacher recommendation only. This is a Pass/Fail graded course that is not factored into a student's GPA.

The Teacher Assistant course provides the student with the opportunity to explore possible career choices while providing service to the SHS community under the direction of a faculty member. The TA experience is held during the normal school day during what would otherwise be a directed study. Students are assigned to one faculty member per period and assist that teacher with their classes. Students must be enrolled in six classes to be eligible to participate.

Online Courses

Saugus High School is fortunate to be able to offer online course offerings for electives that match student interest and expand our ability to offer diverse classes. This allows us to offer courses that would not otherwise be available either because of lack of enrollment and/or staffing issues. The curriculum is provided through our collaboration with Edgenuity and access to their course offerings. Below are the courses that are recommended and offered both yearlong and semester. These are self paced courses but they must be completed within the timeline of the semester and/or year deadlines. Students will be programmed/scheduled into these courses in the same manner as other electives, and there will be locations where the students are expected to be during their "class time."

Semester Elective Offerings

Humanities Offerings

Government

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays.

Economics

This course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and

responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

Sociology

Providing insight into the human dynamics of our diverse society, this is an engaging, one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

STEM Offerings

Personal Finance

This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester course, students learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals.

Intro to Coding

Intro to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately.

Medical Terminology

This semester-long course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the healthcare field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments.

Wellness Offerings

Contemporary Health

This high-school health offering examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws. This course takes covers issues of sex and gender identity, same-sex relationships, contraception, and other sensitive topics.

Full Year Elective Offerings

Fine Arts Offerings

Art History

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this one-semester course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth- and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

Introduction to Art

Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, this one-semester course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

Humanities Offerings

Introduction to Business

In this semester or full-year introductory course, students will learn the principles of business using real-world examples by learning what it takes to plan and launch a product or service in today's fast-paced business environment. This course covers an introduction to economic basics, costs and profit, and different business types; techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society, locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

STEM Offerings

Earth and Space Science

Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

Introduction to Health Sciences

This high school course introduces students to a variety of healthcare careers, as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.