## Southern University Laboratory School



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## INTRODUCTION

The purpose of the Course Directory is to help you select the courses you will take in the upcoming school year. At Southern University Laboratory School, scheduling courses is done through a partnership between students, teachers, parents, and the school counselors. During the Spring semester of each year, an updated copy of the Course Directory is posted to the school's website to assist you in making informed decisions about scheduling for the coming year. This guide should be the first resource for answering questions about courses and scheduling at SULS.

Your high school education is influenced by your selection of courses and by the application of your abilities. A major part of your school work consists of those skills that you will need for college. Gaining admission to college is competitive. Although colleges vary in their specific entrance requirements, admission is typically based on the student's high school grades, rigor of courses taken, standardized test scores, participation in extracurricular activities and letters of recommendation. The courses included in this guide are designed to allow each student to pursue a college preparatory course of study.

## SCHEDULING INFORMATION COURSE REQUEST PROCESS

Course Request Sheets, and the Individual Graduation Plan, for the upcoming year are distributed and collected by the school counselor each Spring. Parents and students are always welcome to request to meet with their child's school counselor to discuss individual schedules. The completed course request, along with the parent's and student's signatures, must be returned to only the school counselor. It is the student's responsibility to have his or her schedule request completed on time. While no student is guaranteed to receive his or her first choice of courses, students who do not return their schedule request sheet by the deadline may lose priority in the scheduling process. Electives will be selected at the counselor's discretion.

## SCHEDULE CHANGES

Any change in course requests must be made by a parent/guardian in writing and presented to the school counselor. Required courses may not be dropped. AP courses are a full year commitment, and dual enrollment is a commitment for the first semester and will follow the University's guidelines for withdrawal or removal from a class. Students may not drop or add a class after the $5^{\text {th }}$ day of school. The random changing of classes at the start of the school year will not be honored due to the effect these changes have on class size and classroom instruction. There will be no schedule changes in January. In addition, a request to drop a course must receive final approval from the principal.

Since admission requirements vary from college to college, high school graduation does
not guarantee admission to college. It is primarily the responsibility of the student and the parent to ensure that the student's credits, grade point average, and standardized test scores meet the requirements of the Taylor Opportunity Program for Students (TOPS) and the college he or she chooses to enter. This also applies to National Collegiate Athletics Association (NCAA) requirements.

Schedules will be changed only when it is necessary for a student to graduate or when a mistake was made by the school.

## SCHEDULING CONFLICTS

SULS offers a variety of courses and we make every effort to fully schedule student course requests. As at any school; however, there will be times when a student cannot schedule every course that he or she wants. Students are given the opportunity to choose alternative courses on the course selection sheet should there be a conflict. If no alternatives are listed, students are placed in the most appropriate alternate course.

## ELECTIVE COURSES

Southern University Laboratory School reserves the right to cancel any course not required for graduation if too few students request the course.

## GENERAL INFORMATION

## CLASS RANK

Senior Class rank will be determined by the students' weighted grade point average, including all subjects. Calculation of a student's official class rank is determined by the number of courses taken and the grade point value of those courses.

## EARLY GRADUATION

Students who wish to graduate early must meet the following requirements:

- Early graduation must be declared by the end of the student's junior year. (Last day of school of the junior year)
- Students must have earned a minimum of 17 credit hours toward LDOE and SULS graduation requirements to declare early graduation.
- An SBLC meeting must be held to approve early graduation.
- Students will be required to pay Junior and Senior fees. These fees are not inclusive of graduation supplies.
- No half days will be permitted (Early Release). Students will be required to be enrolled in Dual Enrollment courses, Edgenuity courses or a school approved online learning platform for the remainder of the day.
- Early graduates do not qualify for salutatorian or valedictorian and will not be ranked with their cohort.


## HIGH SCHOOL COURSES TAKEN IN MIDDLE SCHOOL

Middle school students taking courses for high school credit may opt to have those grades transferred to their high school transcript or they may opt to repeat the course(s) in 9th grade. High school courses taken in middle school, such as Algebra I, Geometry, Physical Science, French I or Spanish I, count toward the credits needed to graduate, count towards TOPS, count in the class ranking, and count towards a student's cumulative grade point average. Regardless of how many high school credits are earned in middle school, students must take English, math, science, and social studies all 4 years of high school.

## HONOR GRADUATES

All students who have a 3.00 or higher grade point average at the end of high school shall be designated as Honor Graduates.

All Seniors who compile a grade point average in the range of 3.90 and higher shall be designated as graduating Summa Cum Laude. All Seniors who compile a grade point average in the range of 3.89 to 3.70 shall be designated as graduating Magna Cum Laude.

All Seniors who compile a grade point average in the range of 3.69 to 3.50 shall be designated as graduating Cum Laude. All Seniors who compile a grade point average in the range of 3.49 to 3.00 shall be designated as graduating with Honors.

## LEGEND OF THE CORDS

Summa Cum Laude - Intertwined Green and Gold Cord
Magna Cum Laude - Single Green Cord
Cum Laude - Single White Cord
Honors - Single Gold Cord
SGA - Royal Blue Cord
Dual Enrollment - Light Blue Cord (Must have passed 9 hrs.)
Senior Beta - Intertwined Black and Gold
Advanced Placement - Purple Cord (Must earn passing score of 3 or above on AP test)

## SALUTATORIAN

To be eligible for this award, the student(s) shall have the second highest cumulative grade point average at the end of high school. To be named valedictorian or salutatorian of the Laboratory School graduating class, a senior MUST have attended the Laboratory School in grades 10-12 consecutively ( 6 semesters).

## VALEDICTORIAN

To be eligible for this award, the student(s) shall have the highest cumulative grade point average at the end of high school. To be named valedictorian or salutatorian of the Laboratory School graduating class, a senior MUST have attended the Laboratory School in grades 10-12 consecutively ( 6 semesters).

## CREDIT RECOVERY/SUMMER SCHOOL

Students earn a $1 / 2$ credit or 1 full credit for each course per semester. If a student fails to pass a course required for graduation either first or second semester, he/she will be required to attend summer school (credit recovery) for the course(s) failed. Each year, students may repeat no more than 2 credits in summer school. If more courses are failed than can be made up in summer school, he/she will be required to make up the course(s) prior to graduation. Students can only take a max of 2 courses per year in credit recovery and can only a maximum of 7 credit recovery units that may be applied toward graduation.

There will be no summer school option for grades K through 8th. If a student needs summer school, he/she will need to withdraw from SULS and attend his/her zoned public school (FAPE).

## COURSE ACCELERATION

Students who would like to take additional courses during the summer must meet the following requirements:

- Must be approved by administration.
- Cannot take a LEAP 2025 aligned course (English I, English II, Algebra I, Geometry, Biology, or US History).
- Must earn a composite score of 19 on the ACT with a subscore of a 19 in math and a 18 in ELA (composite and subscores are subject to change as per Louisiana Board of Regents)
- Early graduation must be declared by the end of the junior year
- No half days will be permitted (Early Release). Students will be required to be enrolled in Dual Enrollment courses, Edgenuity courses or a school approved online learning platform for the remainder of the day.

Courses taken through outside agencies (i.e universities, colleges, DukeTip, homeschool) must be pre-approved by an SBLC prior to enrollment in the course. Credit will be applied to transcript as an Pass/Fail elective from completed courses based on assigned grade. (100-66.5\% Pass- $66.4 \%-0 \%$ Fail)

## EDGENUITY

Edgenuity provides an exciting and engaging educational environment that is designed to capture attention and draw students into the interactive world of online and blended learning. Edgenuity provides courses for students in sixth to twelfth grade. Using a combination of animations, simulations, video-led direct instruction, relevant websites, and a myriad of activities that support the lesson's topic, students have a wealth of information at their fingertips that can be reviewed as many times as necessary to achieve mastery. Edgenuity strongly believes that each student is unique and acquires information in his or her own way. As a result of that belief, courses are designed to provide students with activities that support the ways they learn best: seeing, hearing, and touching the course materials.

## GUIDELINES FOR EDGENUITY STUDENTS

- All students shall complete $100 \%$ of the course(s) enrolled by the end of the semester.
- Summer courses (credit recovery or independent studies) will end July 31st; no extensions will be allowed beyond the first day of school into the fall semester.
- Students must receive a passing grade ( $67 \%+$ ) upon the completion of the course to receive credit.
- Any student who fails to master an objective after the set number of tries must first complete a review of the objective using IXL, or another means of review approved by the Edgenuity administrator before additional retakes will be granted.
- Should any student show "idle" for an inexplicable amount of time on session logs during an assigned credit recovery class over multiple class periods, the student's privilege to continue with the Edgenuity program may be revoked. The student will be warned and parent contact made before removing the student. The removal of a student is solely at the discretion of administration.
- The amount of time it takes a student to complete a course is solely up to the student. Internet access is all that is needed to log on to Edgenuity. Students are highly encouraged to work outside of school hours; however, all assessments must be proctored.


## CREDIT RECOVERY:

Students who are candidates for credit recovery must complete the credit recovery form and obtain permission from the counselor.

Students who qualify for credit recovery are only students who are deficient (failed required courses) in credits for promotion. Credit recovery affords the students an opportunity to attend summer school at a cost to the student ( a cost per course) - up to 2 courses may be taken at a time. (This allows a student to earn two credits during the summer.) The student must meet the following requirements:

- Initial conference between the student and administration to go over transcripts and credits lacking.
- Administration will set course end dates before the beginning of the fall semester. If the student does not complete the course, the student will not receive credit and will have to retake the course.
- Students may earn a maximum of seven credit recovery units that may be applied towards diploma graduation requirements and no more than two Carnegie units annually.
- If student wants to attend a different school district for credit recovery, permission must be obtained prior to attending

Students who are seeking credit recovery outside of SULS, must complete the credit recovery form and obtain permission from the counselor prior to starting the course. If proper permission is not obtained, SUSL reserves the right to not accept the credit(s). Upon completion of the program, all formal documentation should be submitted to the SULS counseling department. These documents will be used to update the student's cum records. Please note that the grade earned from credit recovery will not replace the original grade earned in the course. We do not repeat and delete grades. For high school students, it will be placed on the official transcript and labeled as a summer school grade and the credit for the course will be granted. Credit for the course will be granted upon proof of a passing grade.

## TRANSFER STUDENTS

Students who transfer to the Southern University Laboratory School with a letter grade showing on the transcript from the previous school will be given that same letter grade on the SULS transcript. If grade point averages are on the previous school's transcript and their grade scale is available, that student will be awarded a letter grade based on the previous school's grade scale. Should a grade scale for the previous school not be available, letter grades will be based on the SULS grading scale.

## GRADING SCALE \& QUALITY POINTS

Advanced Placement and Dual Enrollment courses are weighted courses and as such earn additional points. AP and DE are on a 10 point collegiate grading scale. Honor Courses are on the 7 point grading scale; however, the students will earn additional quality points.

| Grade | Unweighted <br> Courses | AP \& DE <br> Courses |
| :---: | :---: | :---: |
| $\boldsymbol{A}$ | $93-100$ | $90-100$ |
| $\boldsymbol{B}$ | $85-92$ | $80-89$ |
| $\boldsymbol{C}$ | $75-84$ | $70-79$ |
| $\boldsymbol{D}$ | $67-74$ | $60-69$ |
| $\boldsymbol{F}$ | $0-66$ | $0-59$ |


| Grade | Unweighted <br> Courses | H/AP/DE <br> Courses |
| :---: | :---: | :---: |
| $\boldsymbol{A}$ | 4 quality points | 5 quality points |
| $\boldsymbol{B}$ | 3 quality points | 4 quality points |
| $\boldsymbol{C}$ | 2 quality points | 3 quality points |
| $\boldsymbol{D}$ | 1 quality points | 2 quality points |
| $\boldsymbol{F}$ | 0 quality points | 0 quality points |

Marks that appear on the report card and progress report are:

- A
- B
- C
- D
- F
- I = Incomplete - failure to complete work. If work is not completed by the end of the academic year for the end of semester then the "I" will be calculated to a failing grade. Credit, " I " is treated as " F " in calculating GPA.
Note: "I" - If a student receives an " $I$ " for a final grade for the semester, the work must be made up, and the responsibility for all make-up work rests with the student in cooperation with the teacher. All "I's" must be documented and confirmed with the Assistant Principal of Instruction.

It is a school policy that if a student is absent and there is a graded assignment, a zero goes into the roll book until that work is made up. No I's will be given.

## GRADE CORRECTION

Grade Corrections for any high school Carnegie unit or any course must be made no later than two weeks ( 10 business days, Monday-Friday) following the end of the previous semester and must have the approval of the Principal or Assistant Principal. A grade correction will only be allowed if an error was made in the calculation of the grade, extenuating circumstances (Approved LDOE Attendance Policy) and with the approval of
the Principal or Assistant Principal.

## GRADE APPEAL

Students may appeal their final grade for the following reasons:

- Grade miscalculation
- Error in the final exam if a change in the final exam grade would cause a change in the course grade
Students may not appeal disagreements with teaching methodologies, attendance policies, or grade weighting methods. During the term of the course, it is the student's responsibility to communicate any concerns he/she may have about any grade concerns to the teacher.


## Process for the Final Grade Appeal

1. Appeal to the School Counselor
a. The student obtains a Grade Appeal Form from the counseling department.
b. By the end of the first week of the term following the course, the student must contact the school counselor and provide the form. The form must be completed by the student with the parent's signature. The contact with the counselor may be by any method including email, letter or in person. If the school counselor is not available, the student should submit the form to the Assistant Principal, or Principal.
c. The school counselor will complete her/his portion of the form within 10 business days (Monday-Friday) of receipt of the form from the student.
d. The counselor will contact the teacher and Assistant Principal for a review of the teacher's gradebook. If the counselor agrees with the submitted request for a grade change, a grade form change form will be initiated by the counselor with approval from the committee (Counselor, Teacher and Assistant Principal).
e. If the counselor does not agree with the student, the grade remains unchanged with the review of the committee (Counselor, Teacher and Assistant Principal). Regardless of the outcome of the appeal to the counselor, the form will be signed by the counselor, acknowledging that the grade appeal is complete.
f. The student may either accept the grade or request an appeal with the Director for due process.
g. If the student decides to file for due process. A SBLC (School Building Level Committee) will be convened to determine the final decision.
h. Grades must be disputed within the school year of the course taken. All disputes must be submitted in writing prior to July 1 of the school year.

| HIGH SCHOOL GRADUATION REQUIREMENTS <br> Class of 2018 and thereafter <br> (SULS graduation requirements align with the TOPS University Diploma) |  |
| :---: | :---: |
| Credits | Courses |
| ENGLISH = 4 CREDITS |  |
| 1Credit | English I |
| 1Credit | English II |
| lCredit | English III, AP Language |
| 1Credit | English IV, SUBR DE ENGL 110 \& 111, \& AP Literature |
| MATH $=4$ CREDITS |  |
| 1Credit | Algebra I |
| 1Credit | Geometry |
| 1Credit | Algebra II |
| 1Credit | Advanced Math - Functions \& Statistics, SUBR DE Advanced Math 135 \& 140- Pre calculus, Math Methods AP Calculus AB or AP Calculus BC |
| SCIENCE $=4$ CREDITS |  |
| 1Credit | Physical Science |
| 1Credit | Biology I |
| 1Credit | Chemistry I |
| 1Credit | Biology II, Chemistry AP, Environmental Science, Physics, Physics AP |
| SOCIAL STUDIES = 4 CREDITS |  |
| 1Credit | World Geography or AP Human Geography |
| 1Credit | Civics or AP US Government \& Politics |
| 1Credit | U.S. History, SUBR DE HIST 104 \& 105 |


| lCredit | World History, SUBR DE HIST 114 \& 115 |
| :---: | :--- |
| PHYSICAL EDUCATION $=$ <br> $\mathbf{1} 1 / 2$ CREDITS |  |
| lCredit | Physical Education I |
| $1 / 2$ Credt | Physical Education II |
| HEALTH = $1 / 2$ CREDIT | Health |
| $1 / 2$ Credt | (2 credits of the SAME language must be taken for <br> high school credit $)$ |
| WORLD LANGUAGE $=2$ <br> CREDITS | World Language - credit one |
| 1Credit | World Language - credit one |
| 1Credit | SUBR DE SPAN 100 and 101 <br> SUBR DE French 100 and 101 |
| Credit |  |
| FINE ARTS = 1 CREDIT | Art, Band, Choir, Fine Arts Survey or Theater |
| 1Credit | See course descriptions |
| ELECTIVES = 3 CREDITS |  |
| 3 Credits |  |
| TOTAL $=\mathbf{2 4}$ Credits |  |

NOTE: Regardless of how many high school credits are earned in middle school, all SULS students are required to take English, Math, Science, and Social Studies all 4 years of high school.

## WEIGHTED COURSE INFORMATION

Prior to the scheduling process, high school students will have an opportunity to learn about the Advanced Placement, Dual Enrollment, and Honors course offerings from the guidance counselor.

## ADVANCED PLACEMENT COURSES

Advanced Placement (AP) classes are complex and abstract. These courses emphasize the academic study and performance skills to help prepare the learner to successfully complete the examinations at the end of the course. The information, skills and assignments are comparable to college courses. Students will be required to take an AP test at the end of the course where they must earn a 3 or higher in order to receive college credit.

## ***All AP courses require a one year commitment and cannot be dropped at the semester. ${ }^{* * *}$

Questions regarding AP courses should be directed to the Assistant Principal Mrs. Renita

## Sherrard at Renita Sherrard@subr.edu

## DUAL ENROLLMENT COURSES

Dual Enrollment (DE) courses follow a college-level curriculum. Students taking DE courses earn high school and college credit. Dual Enrollment Courses may be taken on Southern University Campus. Dual Enrollment will follow the policy for withdrawal of classes according to Southern University policy and procedures governed by the Registrar Office.

Questions regarding Dual Enrollment (DE) courses should be directed to the Assistant Principal Mrs. Renita Sherrard at Renita_Sherrard@subr.edu or Mrs. Shanta McCall Shanta_McCall@sulabschool.com or Mrs. LaSonia Brown at Lasonia Brown@sulabschool.com

The Dual Enrollment Coordinator for Southern University, Dr. Camacia Smith-Ross.

| MINIMUM DUAL ENROLLMENT REQUIREMENTS |  |  |  |
| :--- | :--- | :--- | ---: |
| 2.5 cumulative <br> $G P A$ | ACT Composite $=$ | ACT English $=18$ | ACT Math $=19$ |

## Honors Courses

Honors classes are college preparatory classes that cover topics in greater depth

## COURSE DESCRIPTIONS

## ENGLISH

| English I | 1 Credit |  |
| :--- | :--- | :--- |
| English I is an introduction to world literature and composition. Literature study |  |  |
| focuses on several topics, themes, and issues traced through novels, short stories, |  |  |
| poetry, drama and nonfiction; study also requires students to analyze and respond to |  |  |
| literature. Composition study requires that students write both analytically and |  |  |
| creatively for a variety of purposes and audiences. |  |  |


| English II | 1 Credit | Prerequisite: English I |
| :--- | :--- | :--- |
| English II is primarily an American Literature course that focuses on the development <br> of reading, writing, listening and speaking skills to facilitate essay writing, <br> comprehension, analysis, and interpretation of a variety of texts. |  |  |


| English III | 1 Credit | Prerequisite: English II |
| :--- | :--- | :--- |
| English III is a course that develops critical reading, thinking, and expressive skills |  |  |
| through intensive study of Western literature. Students will read and analyze a variety of |  |  |
| genres and write for a variety of audiences and purposes. Students will use technology |  |  |
| for research and presentations. |  |  |


| English IV | 1 Credit | Prerequisite: English III |
| :--- | :--- | :--- |
| English IV is a literature and composition course. Students will read a variety of genres <br> and selections from world cultures to contemporary drama, fiction, poetry and <br> informational texts. Composition focuses on analytical writing, rhetoric, and revision, <br> including a research component. |  |  |


| AP Literature | 1 Credit | Prerequisite: English III \& Teacher Approval |
| :--- | :--- | :--- |
|  | DE: English 110 \& 111 |  |
| AP Literature will prepare students for the College Board Advanced Placement |  |  |
| Examination by that name. Students will be required to engage in close reading from |  |  |
| various genres, periods and cultures with concentration on works of recognized literary |  |  |
| merit. They also will engage in critical analysis of imaginative literature to deepen their |  |  |
| understanding of the ways writers use language to provide both meaning and pleasure. |  |  |
| Students will be required to write expository, analytical and argumentative essays that |  |  |
| requires them to analyze and interpret literary works. AP Exam Fee - $\$ 45$ |  |  |


$\left.$| DE: English 110 \& 111 |  |
| :--- | :--- | :--- |
| FRESHMAN $\backslash$ COMPOSITION | $\mathbf{1}$ Credit HS |
| $\mathbf{3}$ College Cr. |  | | Prerequisite: English III, ACT Composite 19 |
| :--- |
| English $\mathbf{- 1 8}$ \& 2.0 GPA | \right\rvert\, | Emphasis on writing as a learning, thinking process. Discussion of and practice in |
| :--- |
| strategies used in prewriting, writing, and revising expressive, informative, analytical |
| and argumentative essays. Students will be required to purchase their own |
| books/MyMathlab/livetext/instructional materials. |

## MATHEMATICS

| Algebra I | 1 Credit |  |
| :--- | :--- | :--- |

> Algebra I is a core course which focuses on developing a rich understanding of fundamental algebraic ideas. Topics include solving one-variable equations and inequalities, simplifying radicals, function notation, writing equations of linear functions, graphing linear functions and inequalities, solving systems of equations, properties of exponents, exponential functions, operations with polynomials, factoring polynomials, graphing quadratic functions, and solving quadratic equations. Students must apply problem- solving skills. Students must apply problem-solving skills.

\section*{| Geometry | 1 Credit | Prerequisite: Algebra I |
| :--- | :--- | :--- |}

Geometry is the study of visual patterns and the use of these patterns to describe the physical universe. Students utilize inductive reasoning to make conjectures about the relationships in geometric figures and use deductive reasoning to confirm these conjectures. After discovering or deriving relationships, students use their ideas to solve algebraic problems involving geometry. Euclidean geometry, transformational geometry, and coordinate geometry will be covered.

| Algebra II | 1 Credit | Prerequisite: Algebra I \& Geometry |
| :--- | :--- | :--- |
| Algebra II provides students an opportunity to further their understanding of algebraic <br> concepts and skills introduced in Algebra I and Geometry. It also provides students with <br> opportunities to extend the use of functions as models for dealing with real life <br> situations. Students explore algebraic functions of different degrees through data <br> collection, analysis, and interpretation. Students also learn the skills needed to solve <br> and manipulate functions of varying degrees. |  |  |


| Advanced Math | 1 Credit | Prerequisite: Algebra II \& Geometry |
| :--- | :--- | :--- |
| Advanced Math is for those students who do not plan on taking AP Calculus but would |  |  |
| benefit from additional exploration of Algebra II concepts. Concepts covered in the fall |  |  |
| semester class may include the study of problem solving and critical thinking, set theory, |  |  |
| logic, equations (linear, quadratic, rational and radical) and inequalities, functions and |  |  |
| graphs, measurement and geometry, and other discrete math topics. |  |  |


| DE : Advanced Math | 1 Credit HS <br> Pre-Calculus 135 | Prerequisite: Algebra II \& Teacher Approval <br> 3 College Cr |
| :--- | :--- | :--- |
| ACT Composite-19 Math-19 |  |  |$|$| Advanced Math Precalculus (College Algebra) is for those students who have scored |
| :--- | :--- |
| 22 or higher on the ACT math subtest. The ACT score must be prior to the start of |
| school. Topics include a review of the real numbers and their properties; operations |
| with complex numbers; equations and inequalities; polynomial, rational, exponential, |
| and logarithmic functions and their graphs; and systems of equations and inequalities. |
| Modelling is introduced and applications are emphasized. Designed for students in the |
| business, scientific, or engineering programs. Graphing calculators recommended. |
| Prerequisite: Placement examination. |
| Course Fee - $\mathbf{\$ 1 0 0}$ |


| DE : Advanced Math 140 <br> Pre-Calculus II: College <br> Trigonometry | 1 Credit HS | Prerequisite: Algebra II \& Teacher Approval <br> ACT Composite-19 Math-19 |
| :--- | :--- | :--- |

Topics include exponential logarithmic and trigonometric equations and functions; trigonometric identities; right angle trigonometry; Laws of sines and cosines; and DeMoivre's Theorem. Modeling and applications are emphasized. Designed for students in the scientific or engineering programs. Graphing calculators are recommended. Prerequisite: A grade of "C" or better in MATH 135 or by placement examination.

Course Fee - \$100

## SCIENCES

| Physical Science | 1 Credit |  |
| :--- | :--- | :--- |
| Physical Science has three components: science, mathematics, and technology. Students |  |  |
| will receive intensive math and science integration in a laboratory setting. Skills |  |  |
| targeted are lab inquiry skills, including experimental design, graphical analysis of |  |  |
| data, use of the periodic table and other science and mathematical tables, manipulation |  |  |
| of algebraic expressions, and activities involving simple ratios. |  |  |


| Biology I | 1 Credit | Prerequisite: Physical Science |
| :--- | :--- | :--- |
| Biology I is a course which provides a fundamental overview of living things. Labs are <br> an integral part of the class. It is taught thematically with an emphasis on evolution, <br> genetics, homeostasis, and the unity and diversity of living things. |  |  |


| Chemistry I | 1 Credit | Prerequisite: Completion of Biology I; <br> Enrolled in Algebra II or higher level math |
| :--- | :--- | :--- |
| Chemistry I is a course in which students will learn facts, formulas, and principles that <br> compose the language of chemistry. A variety of chemical topics including scientific <br> measurement and problem-solving, physical and chemical changes, atomic theory and <br> structure, formula writing, chemical reactions and equations, stoichiometry, states of <br> matter, chemical bonding, solutions, equilibrium, acids and bases, oxidation-reduction <br> reactions, and electrochemistry, as well as laboratory experiences, will be covered. |  |  |


| Physics | 1 Credit | Prerequisite: Completion of Chemistry and <br> Algebra II or higher |
| :--- | :--- | :--- |

Physics is a course recommended for all students who are interested in how the physical world works. The course will develop problem solving and critical thinking skills related to objects in the real world. The course includes projects, laboratory investigations, a heavy math component, and physics concepts. Topics will include velocity, acceleration, forces, momentum, work, energy, waves, electricity, and magnetism.
Students need a scientific calculator.

| DE: <br> Biology II <br> Biology 104/105 | 1 Credit 3 College Cr. | Prerequisite: Completion of Biology I \& Chemistry, ACT Composite 19 Seniors |
| :---: | :---: | :---: |
| Biology II is an in-depth study of the scientific method, biological molecules, cell biology, genetics, ecology, evolution and diversity. Lab exercises and lab practicals are involved. <br> Course Fee - \$100 |  |  |


| DE: Biology 104 | 1 Credit <br> 3 College <br> Cr. | Co-requisite: Lab 106 \& 107 (taken <br> simultaneously with course) |
| :--- | :--- | :--- |

Biology 104 is a study of basic biological concepts as they relate to man and his surroundings. Major emphasis on the nature of science, evolution, the cell, heredity, reproduction, growth, and development.

## Course Fee -\$100

| DE: Biology 105 | 1 Credit | Co-requisite: Lab 106 \& 107 (taken <br> simultaneously with course) |
| :--- | :--- | :--- |

Biology 105 is basic biological concepts as they relate to man and his surroundings. Major emphasis on how living things maintain themselves, man's environment, and the behavior of living things. BIOL 104 is a prerequisite.

Course Fee - $\$ 100$

| Chemistry AP | 1 Credit | Prerequisite: B or better in Chemistry I; <br> Teacher Approval; 25 or higher on |
| :--- | :--- | :--- |


|  |  |  |
| :---: | :---: | :---: |
| Chemistry $\boldsymbol{A P}$ is comparable to a first-year college course and is an in-depth study of the principles and concepts in chemistry. Students are required to demonstrate an understanding of these principles through application in a laboratory situation. Content includes structure bonding, stoichiometry, thermodynamics, kinetics, and quantitative analysis. This course is designed toward advanced placement for the college- bound student. <br> $1 / 2$ AP Fee Exam - $\$ 47.50$ |  |  |
| l Scie | 1 Cred | Prerequisiu. Senit |
| Environmental Science is designed to provide students with the essential principles of environmental science and with a comprehensive and fundamental understanding of sound science, stewardship, and sustainability, which are necessary for understanding and exploring the interactions and relations between humans and Earth. It will also offer an up-to-date look at today's global, national, and regional environmental issues facing our societies. The course will provide an important foundation for students' general education by coupling scientific issues with community and humanitarian needs |  |  |

## SOCIAL STUDIES

\section*{| World Geography $9^{\text {th }}$ Grade | 1 Credit |
| :--- | :--- |}

World Geography is a course that explores basic geographic concepts, national and increasingly global cultures, physical geography, events of the past and present that have shaped the various regions and nations to be studied, and a comprehensive study of regions and nations of the world. Students will study these concepts in the context of the various regions of the world: the United States and Canada, Latin America, Europe, Russia and the Republics, Africa, Southwest Asia, South Asia, East Asia, Southeast Asia, Oceania, and Antarctica.

## AP Human Geography 1 Credit

Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They also learn about the methods
and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). $1 / 2$ AP Fee Exam - $\$ 47.50$

| Civics | 1 Credit |
| :--- | :--- |
| Civics is designed to explore the origins of government, political theory, and the |  |
| American political system. In addition, many local, national, and global social issues |  |
| are discussed and debated. This course will also review basic economic systems, as well |  |
| as methods for analyzing financial institutions. The role of the citizen (politically, |  |
| socially, and economically) is at the heart of this course. |  |


|  |  |  |
| :---: | :---: | :---: |
| AP US Government \& Politics: United States focuses on governmental and political aspects of the U.S. government. This course explores the political theory and government structure that direct the daily operation of our government and shape our public policies. The objectives of this course go beyond a basic analysis of how our government "works" to help students develop a critical understanding of the strengths and weaknesses of the American political system. As such, students will focus on developing an individual critical understanding of the daily workings of the U.S. government and begin to develop an understanding, and hopefully an appreciation, of the rights and responsibilities of citizens. The course content is structured around the College Board's AP U.S. Government and Politics Course Description. There will be an emphasis in this course on developing study, reading, and writing skills necessary for college and AP exam success. <br> 1/2 AP Fee Exam - $\$ 47.50$ |  |  |


| United States History | 1 Credit |
| :--- | :--- |
| United States History includes basic geographic, economic, social, political, and <br> historical developments following reconstruction and the westward movement. Special <br> attention is given to the impact of industrialization and urbanization, the changing roles <br> of social classes and minority groups, the experience of depression and reform attempts, <br> and America's rise to global power, including relations with the Communist world. <br> Students will identify ways to solve problems, make decisions, and participate as a <br> responsible citizen of the United States, while developing basic tools of historical <br> interpretation, research, and analysis. |  |


| World History | 1 Credit |  |
| :--- | :--- | :--- |

World History will cover the period from the Renaissance through the late $20^{\text {th }}$ century. The course emphasizes cause and effect, cultural change, and connections to our condition in the $21^{\text {st }}$ century. The influence of Western Civilization on modern institutions, governments, attitudes, and perspectives will be a major focus. The contribution of other areas of the world such as Asia, Africa, and Latin America to our present civilization will also be investigated.

| AP World History | 1 Credit |
| :--- | :--- | :--- |
| AP World History investigates significant events, individuals, developments, and |  |
| processes in six historical periods from approximately 8000 B.C.E. to the present. |  |
| Students develop and use the same skills, practices, and methods employed by historians: |  |
| analyzing primary and secondary sources; developing historical arguments; making |  |
| historical comparisons; and utilizing reasoning about contextualization, causation, and |  |
| continuity and change over time. The course provides five themes that students explore |  |
| throughout the course in order to make connections among historical developments in |  |
| different times and places: interaction between humans and the environment; |  |
| development and interaction of cultures; state building, expansion, and conflict; creation, |  |
| expansion, and interaction of economic systems; and development and transformation of |  |
| social structures. $1 / 2$ AP Fee Exam $\mathbf{\$ 4 7 . 5 0}$ |  |


| AP US History | 1 Credit | Prerequisite: U.S. History |
| :--- | :--- | :--- |
| AP US History course focuses on the development of historical thinking skills |  |  |
| (chronological reasoning, comparing and contextualizing, crafting historical |  |  |
| arguments using historical evidence, and interpreting and |  |  |
| synthesizing historical narrative) and an understanding of content learning |  |  |
| objectives organized around seven themes, such as identity, peopling, and America |  |  |
| in the world. In line with college and university U.S. history survey courses' |  |  |
| increased focus on early and recent American history and decreased emphasis on |  |  |
| other areas, the AP U.S. History course expands on the history of the Americas |  |  |
| from 1491 to 1607 and from 1980 to the present. |  |  |
| $1 / 2$ AP Fee Exam $-\$ 47.50$ |  |  |


| DE: American History <br> 104/105 | 1 Credit <br> 3 College <br> Cr. | Prerequisite: World Geography;Civics <br> ACT Composite -19 |
| :--- | :--- | :--- |
| American History 104/105 |  |  |
| North America to 1865. A continuation of HIST 104 with emphasis upon the period <br> from 1865 to the present. |  |  |
| Course Fee $-\$ 100$ |  |  |


| DE: History of Civilization | 1 Credit <br> 114/115 | Prerequisite: World Geography; Civics <br> 3 College <br> Cr. |
| :--- | :--- | :--- | | ACT Composite 19 |
| :--- |

History of Civilization is a survey of world civilization from prehistoric time to circa 1500. A continuation of HIST 114 with emphasis Oon civilization from 1500 to the present.

Course Fee - $\$ 100$

## HEALTH \& PHYSICAL EDUCATION

| Physical Education I | 1 Credit |  |
| :--- | :--- | :--- |
| Physical Education I emphasizes lifetime activities and individual sports. Wellness and <br> behaviors to promote a healthy lifestyle are a major theme. Units may include weight <br> training, badminton, racquetball, pickleball, speedminton, and tennis. |  |  |


| Physical Education II | $1 / 2$ Credit - <br> I Credit | Prerequisite: Physical Education I |
| :--- | :--- | :--- |
| Physical Education II continues to emphasize lifetime activities and individual sports. <br> A progression of activities from Physical Education I is continued with students gaining <br> an opportunity to become more aware of the benefits of physical activity. |  |  |


| Health Education | $1 / 2$ Credit |  |
| :--- | :--- | :--- |
| Health Education emphasizes values that define who students are and helps shape |  |  |
| decisions they make. Topics may include stress management, relationships, nutrition, |  |  |
| drug education, tobacco use, alcohol abuse, communicable and noncommunicable |  |  |
| diseases. CPR instruction is part of the program with an emphasis on responding to an |  |  |
| emergency situation. |  |  |


| Physical Education III | $1 / 2$ Credit - <br> I Credit | Prerequisite: Physical Education I and II |
| :--- | :--- | :--- |
| Physical Education III continues to emphasize lifetime activities and individual sports. <br> A progression of activities from Physical Education I is continued with students gaining <br> an opportunity to become more aware of the benefits of physical activity. |  |  |

## WORLD LANGUAGES

High school students must take at least two consecutive levels of the same language in high school during grades 9 through 12.

| Spanish I | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |
| Spanish I is an introduction to the Spanish language and culture. Emphasis will be <br> placed on vocabulary, grammar, reading, and writing as well as the development of <br> pronunciation, speaking, and listening skills. |  |  |


| Spanish II | 1 Credit | Prerequisite: Spanish I |
| :--- | :--- | :--- |
| Spanish II will enhance and develop skills learned in Spanish I. The class will include <br> advanced grammar, advanced vocabulary, and additional verb tenses, as well as <br> increased conversation and composition skills. |  |  |


| DE: Elementary Spanish <br> 100 | 2 Credit <br> $\mathbf{6}$ College <br> Cr. | Prerequisite: ACT Composite 19 <br> Juniors or Seniors |
| :--- | :--- | :--- |
| Spanish 100 is an advanced course in which communication and reading skills will be <br> further developed. Special emphasis will be placed on both written and oral <br> communication based on literature and cultural readings and films. <br> Course Fee $-\$ 100$ |  |  |


| DE: Elementary Spanish <br> 101 | 2 Credit <br> $\mathbf{6}$ College <br> Cr. | Prerequisite: ACT Composite 19 <br> Juniors or Seniors |
| :--- | :--- | :--- |
| Spanish 101 is a continuation of SPAN 100 with increased emphasis on reading and <br> writing activities. Continued use of computer lab self-tutorials. Lab attendance required. <br> Prerequisite: SPAN 100 or credit exam. |  |  |

Course Fee - $\$ 100$

| DE: SUBR French 100 | 2 Credit <br> 6 <br>  <br>  <br> Cr. College | Prerequisite: ACT Composite 19 <br> Juniors or Seniors |
| :--- | :--- | :--- |

French 100 is an introduction to the elementary structures in the French language. Emphasis on listening comprehension, pronunciation, basic vocabulary and grammar structures necessary for developing oral proficiency skills. Classroom work is extended and enhanced by carefully coordinated student use of laboratory facilities for oral comprehension and pronunciation exercises, vocabulary acquisition, grammar, and spelling exercises. Lab attendance required. Must take French 101.

Course Fee - $\$ 100$

| DE: SUBR French 101 | Prerequisite: French 101, ACT Composite 19 <br> Juniors or Seniors |
| :--- | :--- |
| French 101 is a continuation of FREN 100 with increased emphasis on reading and <br> writing activities. Continued use of computer lab self-tutorials. Lab attendance <br> required. |  |
| Course Fee - \$100 |  |

## TECHNOLOGY

| Introduction to Computer <br> Business Applications | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |
| Computer Applications is an elective course that will provide you with the necessary <br> Microsoft Office tools for success in preparing Word documents and Excel spreadsheets <br> in high school, college, and life. Students will select and integrate appropriate <br> productivity tools including, but not limited to, word processor, spreadsheet, <br> PowerPoint, desktop publishing, presentation graphics, draw and paint programs. |  |  |


| AP Computer Science <br> Principles | 1 Credit | Prerequisite: IBCA |
| :--- | :--- | :--- |

AP Computer Science Principles introduces students to the idea of computer science, inviting students to develop the computational thinking needed for success across multiple disciplines. This course requires no background or knowledge of computer science to be successful. The course is unique in its focus on pushing students to be creative and encouraging students to apply creative processes when developing computational artifacts. The course highlights the relevance of computer science by emphasizing the major impact advances in computing have on people and society. Students will develop effective communication and collaboration skills by working individually and collaborating to solve problems.

1/2 AP Fee Exam - $\$ 47.50$

| AP Computer Science A | 1 Credit | Prerequisite: Geometry and either AP <br> Computer <br> Science Principles OR Special Permission of <br> Instructor |
| :--- | :--- | :--- |

AP Computer Science A introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. In this course the student will learn to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering. The student will also learn to apply programming tools and solve complex problems through hands-on experiences and examples. All programming will be done in the Java programming language. $1 / 2$ AP Fee Exam - $\$ 47.50$

| DE: Intro to Computer <br> Technology 105 | Prerequisite: IBCA, ACT Composite 19 <br> Juniors and Seniors Only |
| :--- | :--- |
| Intro to Computer Technology endows knowledge of the capabilities, limitations, and <br> implications of computer technology. It presents the fundamentals necessary within an <br> ever changing need of technology and global society which include and not limited to: <br> user interfaces, word processing, spreadsheets, and multimedia/ presentation software. <br> Prerequisite: None. |  |

Course Fee - $\$ 100$

| Fine Arts Survey | 1 Credit | Prerequisite: Freshmen \& Sophomores Only |
| :--- | :--- | :--- |
| Fine Arts Survey is designed to increase students' understanding and enjoyment of the |  |  |
| arts in our culture as well as provide exposure to the arts from other parts of the world. |  |  |
| Visual and performing arts will be explored through historical review, investigation of |  |  |
| the creative process, aesthetic perception, and significance and importance to |  |  |
| contemporary society. The course will discuss music, dance, theater/film, visual arts. |  |  |


|  |  |  |
| :---: | :---: | :---: |
| Art I is an introduction to the visual arts. It is open to $9^{\text {th }}$ and $10^{\text {th }}$ grade students who are interested in exploring the world of art. Students will learn about the elements of art and principles of design while experiencing a variety of media. Students will begin to develop a personal portfolio. |  |  |


| Art II | 1 Credit | Prerequisite: Art I |
| :--- | :--- | :--- |
| Art II is an intermediate level visual arts exploration. Art elements and principles will <br> continue to be emphasized. This course is open to all high school students. $A$ variety of <br> media will be available for students to experience. Students will continue to develop a <br> personal portfolio. |  |  |


| DE: Understanding The <br> Arts 200 | 1 Credit <br> 3 College <br> Cr. | Prerequisite: Art II and a portfolio of at least <br> 3 pieces <br> to be approved by instructor |
| :--- | :--- | :--- |

## Course Fee - $\$ 100$

Band and Choir classes are open to any student and can be started at any grade level with the approval of the Band or Choir Director. Up to four credits can be earned in Band or Choir. Students are required to attend all scheduled after school events. This includes concerts, festivals, sectional rehearsals, marching commitments, and similar events.

| Beginning Band | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |

Beginning Band has two components - marching band and concert band. Band is primarily performance based and includes elements of music theory, history, appreciation, and sight reading as it relates to band. After school and weekend commitments are required as listed in the syllabus. Previous experience on a band instrument is required. Marching uniforms are provided, and students must purchase the proper marching/concert shoes. There is a band fee.

| Intermediate Band | 1 Credit | Prerequisite: Intermediate Band |
| :--- | :--- | :--- |
| Intermediate Band has two components - marching band and concert band. Band is |  |  |
| primarily performance based and includes elements of music theory, history, |  |  |
| appreciation, and sight reading as it relates to band. After school and weekend |  |  |
| commitments are required as listed in the syllabus. Previous experience on a band |  |  |
| instrument is required. Marching uniforms are provided, and students must purchase the |  |  |
| proper marching/concert shoes. There is a band fee. |  |  |


| Advanced Band | 1 Credit | Prerequisite: Teacher Approval |
| :--- | :--- | :--- |
| Advanced Band has two components - marching band and concert band. Band is |  |  |
| primarily performance based and includes elements of music theory, history, |  |  |
| appreciation, and sight reading as it relates to band. After school and weekend |  |  |
| commitments are required as listed in the syllabus. Previous experience on a band |  |  |
| instrument is required. Marching uniforms are provided, and students must purchase the |  |  |
| proper marching/concert shoes. There is a band fee. |  |  |


| Jazz Ensemble | 1 Credit | Prerequisite: Enrollment in Advanced Band <br> or Advanced Choir \& Teacher Approval |
| :--- | :--- | :--- |
| Jazz Band is open to $11^{\text {th }}$ and $12^{\text {th }}$ grade students who are interested in exploring jazz <br> techniques as they relate to individual instruments, history, and listening skills. Students <br> are expected to learn how to improvise. Concert attendance is required. Students must <br> also be enrolled in Advanced Band or Advanced Choir. Pep Band is required for Jazz <br> Band members. |  |  |


| Beginning Choir | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |
| Beginning Choir is a non-audition choir open to first time choir students. Quality of <br> sound, proper vocal production, sight singing and performances are the basic <br> concentrations. Performance requirements are 3 to 4 concerts per year. Concert attire is <br> required. |  |  |


| Intermediate Choir | 1 Credit | Prerequisite: Beginning Choir |
| :--- | :--- | :--- |

Intermediate Choir is a non-audition choir for $10^{\text {th }}, 11^{\text {th }}$, and $12^{\text {th }}$ grade students who have taken Beginning Choir. Quality of sound, proper vocal production and technique, and sight singing must all be in place before entering this course. Performance requirements are 3 to 4 concerts per year. Concert attire is required.

\section*{| Advanced Choir | 1 Credit | Prerequisite: Audition |
| :--- | :--- | :--- |}

Advanced Choir is the highest level of mixed voice choir. More advanced literature and more frequent performances are experienced in this choir. This course is for all high school grades upon audition. Students are to be able to perform with proper posture, vocal technique, and read music at a fairly high proficiency. Higher level music should be the expectation of all students in this class. A cappella music is the major concentration. Three to four performances are required during the school year. Concert attire is required.

\section*{| Theater I | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |}

Theater I is a course in which students explore basic techniques in acting, directing, and producing live theatre as well as critical analysis of the art. A variety of performance and project assignments provide an opportunity for the individual to develop, organize, and interpret knowledge for application. Students develop creative expression through the application of knowledge, ideas, communication and collaboration skills, organizational abilities, and imagination in preparation for further learning.

\section*{| Theater II | 1 Credit | Prerequisite: Theater I and Audition |
| :--- | :--- | :--- |}

Theatre Arts II is a course in which students apply basic techniques in acting, directing, and producing live theatre while exploring major developments in drama, major playwrights and their plays, the evolution of theatre as a culture, production styles, and critical analysis of the art. Students develop aesthetic perception as well as historical and cultural perspective through the knowledge of art forms, respect for their commonalities and differences, and by recognizing and understanding that the arts throughout history are a record of human experience with a past, present, and future. The skills of analysis, problem solving, cooperative involvement, flexibility, productivity, and self-direction contribute to preparing the individual for further learning

## Electives

| Publications I (Yearbook) | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |
| Pubic |  |  |

Publications I is a course in which students create page layouts and copy for the yearbook, and learn basic photography skills. Students will also be introduced to basic desktop publishing. Students must be able to work independently and cooperatively within strict time frames.

| Publications II (Yearbook) | 1 Credit | Prerequisite: Publications I \& Teacher <br> Approval |
| :--- | :--- | :--- |

Publications II is a course in which students will learn to create yearbook pages using the computer and templates. Students will be expected to submit photographs that are suitable for yearbook publication. Students will demonstrate the ability to serve as section editors; this includes both journalistic skills and leadership qualities.

| Law Studies I | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |
| Law Studies I is a course which is designed to assist students in the understanding of <br> basic legal rights and responsibilities as they apply to the individual. Students focus on <br> procedural law, paying particular attention to the balance between the government's <br> duty to protect society versus individual rights as guaranteed by the United States Bill of <br> Rights. The course begins with a brief study of the sources of American law: common, <br> constitutional, legislative, and administrative law. It continues with a study of the <br> creation and enforcement of laws as well as both the federal and state level judicial <br> systems. Students will be asked to compete in Mock Trial and Moot Court Competitions. |  |  |


| Law Studies II | 1 Credit | Prerequisite: Law Studies I |
| :--- | :--- | :--- |
| This course will continue with Civil Law including topics such as Contracts, Warranties, |  |  |
| Consumer Issues, and Family Law. Aspects of Criminal Law not covered in Law I will |  |  |
| be explored such as Juvenile Justice and Law and Terrorism. In addition, as students |  |  |
| taking Introduction to Law will already have a background in Law from part I, Moot |  |  |
| Courts, Mock Trials, and other role-playing opportunities will be explored to enhance |  |  |
| the study of Law. |  |  |


| African American History | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |

African -American History is a course which provides an overview of African American history and culture. Topics include major events, persons, and issues spanning from the 16th century and the origin of African American heritage to contemporary times.
Students will survey the evolution and development of African American culture through narratives, documents, and images. The course includes lectures, discussions, and video presentations.

| ACT Prep | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |
| This class offers assistance to students in preparing for the ACT. This course is offered |  |  |
| 1st semester and 2nd semester. The class offers assistance to students in preparing for |  |  |
| the English and Math portion of the ACT. |  |  |


| Basic Career Readiness | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |

Basic Career Readiness is a career awareness/exploration course designed to engage students in opportunities that will translate into: developing employability "soft" skills, exploring career pathways, and developing an awareness of the connection between education and their career choice. Through the career awareness/exploration activities students will begin to connect academic success with short-term and long-term post-secondary goals. Students will also engage in personal finance activities, career research, resume/portfolio development.

| Speech I | 1 Credit | Prerequisite: None |
| :--- | :--- | :--- |
| Speech I is a course which explores public speaking and various forms of individual <br> competitive speech events. Students write and perform speeches that they may later <br> choose to deliver at competitive events. Forms of speech events include: expository, <br> oratory, advocacy, impromptu and humorous. |  |  |


| Robotics I | 1 Credit <br> 3 College <br> Cr. | Prerequisite: None |
| :--- | :--- | :--- |

Robotics I is a course which provides students with a hands-on, project-based approach to STEM concepts. Students work in teams in attempts to design and build a solution to problems presented by the instructor. Students obtain and apply knowledge in physics, chemistry, electronics, computer programming, oral presentations, and engineering ethics.

| Introduction to <br> Engineering | 1 Credit | Prerequisite: Robotics |
| :--- | :--- | :--- |
| Introduction to Engineering course provides students with a background of the fields of <br> engineering. The course will include hands-on activities from various disciplines as well <br> as guest lectures from industry and faculty. Specifically, this course will emphasize that <br> an engineer is a team worker who needs strong skills in technical problem solving, <br> engineering design, ethical decision making, and communicating to diverse audiences. |  |  |

\(\left.$$
\begin{array}{|l|l|l|}\hline \text { DE: Introduction to } & \begin{array}{l}1 \text { Credit } \\
\text { Sociology } 210\end{array} & \begin{array}{l}\text { Prerequisite: } \text { ACT Composite 19, Juniors or } \\
\text { College }\end{array}
$$ <br>

Ceniors\end{array}\right] .\)| Introduction to Sociology is the scientific study of the origin, evolution, and |
| :--- |
| organization of social life; eminent scholars of sociology; the development and |
| understanding of present day social-cultural life. |
| Course Fee $-\$ 100$ |


| DE: General Psychology 210 | 1 Credit <br> 3 College Cr. | Prerequisite:ACT Composite 19, Juniors or Seniors |
| :---: | :---: | :---: |
| General Psychology is an introduction to psychology emphasizing various approaches and perspectives to understanding behavior. Topics covered include biological foundations of behavior; learning and memory; psychological tests; motivation; health psychology; psychopathology; social foundations of behavior; and personality. |  |  |

Course Fee - $\$ 100$

## NON-CREDIT COURSES

| School Service | 0 Credit | Prerequisite: Juniors Only and Seniors Only |
| :--- | :--- | :--- |
| School Services is open only to juniors. Students enrolled in School Service are assigned <br> to teachers as assistants at a designated time. No credit is awarded for this course. The <br> Secondary School Principal will determine what offices or classrooms service workers <br> are placed. However, students will receive a grade which will be on their transcript. $\mathbf{l}$ |  |  |


| Study Hall | $\mathbf{0}$ Credit | Prerequisite: Seniors Only |
| :--- | :--- | :--- |
| Study Hall is open only to seniors. Seniors who have room in their schedule may request <br> a study hall. No credit is awarded for this course. The Secondary School Principal will <br> determine what hour of the day students have their study hall. |  |  |


| DE: Developmental <br> English 090 | 1 Credit <br> Elective | Prerequisite: Juniors and Seniors Only <br> ACT Composite 12 |
| :--- | :--- | :--- |
| Developmental English focuses on writing skills considered essential for success in <br> college-level courses. Review of standard English: grammar, sentence structure, <br> punctuation, capitalization, and spelling. Includes practical application of these <br> conventions through sentences and, ultimately, the paragraph. Requires mandatory <br> laboratory participation. (For students with a standard score of 17 and below on the <br> English area of the ACT and 440 and below on the English area of the SAT.) <br> Course Fee - \$100 |  |  |


| DE: Developmental Math <br> 092 | 1 Credit <br> Elective | Prerequisite: Juniors and Seniors Only <br> ACT Composite 12 |
| :--- | :--- | :--- |
| Developmental Math is designed to prepare students for pre-calculus MATH 135. Topics |  |  |
| include operations on real numbers, variable expressions, linear equations and |  |  |
| inequalities, polynomial, and rational expressions, absolute value, functions, and graphs |  |  |
| of functions. Students placed according to ACT/SAT scores. |  |  |

Course Fee - $\$ 100$

Title IX is a federal law that prohibits discrimination on the basis of sex in any federally funded education program or activity. Title IX prohibits use of federal money to support sex discrimination in education programs and provides individuals protection against such practices.

In compliance with federal law and USDOE federal guidance, including provisions of Title VII of the Civil Rights Act of 1964 (Title VII), Title IX of the Education Amendments of 1972 (Title IX), Section 503 and 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA) of 1990, the ADA Amendments Act of 2008, the Age Discrimination in Employment Act of 1967 (ADEA), Executive Order 11246, Executive Order 13988, the Vietnam Era Veterans Readjustment Assistance Act of 1974 as mended by the Jobs for Veterans Act, the Uniformed Services Employment and Reemployment Rights Act, as amended, and the Genetic Information Nondiscrimination Act of 2008, an institution of the Southern University System shall not discriminate against individuals on the basis of their race, sex, sexual orientation, gender identity, gender expression, religion, color, nation or ethnic origin, age, disability, military service, covered veteran's status, or genetic information in its administration of education policies, programs, or activities; admission policies; scholarship and loan programs; athletic or other institution-administered programs; or employment.

As part of their commitment to maintaining a community free of discrimination, and in compliance with Title IX's mandate, institutions of the Southern University System shall address allegations of power-based violence and sexual misconduct, including sexual harassment and sexual assault, in a timely and effective manner. Further, institutions of the Southern University System will provide resources as needed for affected persons (Reporters, Complainants, Respondents, and third parties within the institution's community) and will not tolerate retaliation against any person who reports or participates in the investigation of alleged power-based violence or sex/gender discrimination.

## Title IX Coordinator

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In accordance with the requirement of Title II of the Americans with Disabilities Act of 1990 and its Amending Act of 2008 (collectively "ADA"), the Southern University System (System) will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. The System does not discriminate on the basis of disability in its hiring or employment practices and complies with all regulations promulgated by the U.S. Equal Employment Opportunity Commission under Title I of the ADA. The System will generally, upon request, provide appropriate aids and services leading to effective communication for qualified persons with disabilities so they can participate equally in the System's programs, services, and activities, including qualified sign language interpreters, assistive listening devices, documents in Braille, and other ways of making communications accessible to people who have speech, hearing, or vision impairments. The System will make reasonable modifications to policies, procedures, and programs to ensure that people with disabilities have an equal opportunity to enjoy all of its programs, services, and activities. Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of the System, should contact the ADA Coordinator. The ADA does not require the System to take any action that would fundamentally alter the natures of its programs or services or impose an undue financial or administrative burden. Complaints that a program, service, or activity of the System is not accessible to persons with disabilities should be directed to the ADA Coordinator.

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Inquiries regarding federal laws may be directed to:

Office for Civil Rights,
Dallas Office
U.S. Department of Education

Office for Civil Rights
Renaissance Tower
1201 Elm St., Suite 1000
Dallas, TX 75270
Telephone: (214) 661-9600
Facsimile: (214) 661-9587
Email: OCR.Dallas@ed.gov

