

SPAIN PARK HIGH SCHOOL

Course Selection Guide 2013-2014



THE MISSION AND BELIEFS OF SPAIN PARK HIGH SCHOOL

MISSION STATEMENT

The future belongs to the educated, and Spain Park High School exists to promote and prepare students for academic excellence while empowering our young adults to live and thrive in that future.

BELIEFS

- Student learning is the chief priority for the school.
- Students need to demonstrate their understanding of essential knowledge and skills, while also solving problems and producing quality work.
- Students learn best when they are actively engaged in the learning process.
- A student's self-esteem is enhanced by positive relationships and mutual respect among and between students and staff.
- A safe and physically comfortable environment promotes student learning.
- Teachers, administrators, parents, and the community share the responsibility for advancing the school's mission.
- The commitment to continuous improvement is imperative if our school is going to enable students to become confident, self-directed, lifelong learners.

SPAIN PARK HIGH SCHOOL WEB ADDRESS:

spainparkhigh.al.hch.schoolinsites.com

Spain Park High School

SPAIN PARK HIGH SCHOOL

2013-2014

4700 Jaguar Drive
Hoover, Alabama 35242

Telephone: (205) 439-1400

Fax: (205) 439-1401

www.hoover.k12.al.us/sphs

ADMINISTRATION

Dr. Ken Jarnagin, Principal

COUNSELORS

Melanie Thomason, Academic Guidance Counselor
Lindsay Bryant, Academic Guidance Counselor
Helena R. Young, Student Assistance Program Counselor-Director of Guidance
Erin Carroll, Academic Guidance Counselor

COLLEGE AND CAREER SPECIALIST

Tracy Prater

TELEPHONE NUMBERS

Main Office	205-439-1400
Main Office Fax	205-439-1401
Attendance	205-439-1420
Guidance Office	205-439-1418
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SPAIN PARK HIGH SCHOOL WEB ADDRESS

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EQUAL EDUCATIONAL OPPORTUNITIES

(Board policy, 6.6) No student will be unlawfully excluded from participation in, be denied the benefits of, or subjected to discrimination in any program or activity offered or sponsored by the Board on the basis of race, ethnicity, color, disability, creed, national origin, sex, immigrant or migrant status, non-English speaking ability, or homeless status. All career and technical education opportunities are offered to all students regardless of race, color, national origin, sex, or disability.

Dr. Barbara Mayer, IDEA Coordinator

Ms. Marley Stephens, Section 504 Coordinator

Dr. Deborah Camp, Title II Coordinator (grades K – 5)

Dr. Ron Dodson, Title II Coordinator (grades 6 – 12)

Dr. Barbara Mayer, Title III Coordinator

Ms. Melody Greene, Title IX Coordinator

Hoover City Schools 2810 Metropolitan Way, Hoover, AL 35242 / 205-439-1000

CHILD FIND

Help Hoover City Schools locate, identify, and evaluate Hoover residents from birth to age 21 who have disabilities or who are suspected of having disabilities. Contact the Department of Instructional Support Services for Hoover City Schools at (205) 439-1051.

EQUAL EMPLOYMENT OPPORTUNITY

(Board policy, 5.13.1) The Board is an equal opportunity employer. Personnel actions and decisions will be made without regard to factors or considerations prohibited by federal or state law (as such laws may from time to time be amended), including but not limited to race, gender, age, disability, national

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origin, citizenship, and religious preference. Subject to the limitations set forth in 4.6.2, the general complaint (grievance) policy (4.6.1) may be used to present any complaint alleging unlawful discrimination or harassment. Inquiries regarding compliance and complaint procedures can be directed to:

Mary Veal

Equal Opportunity Employment Coordinator

Hoover City Schools

2810 Metropolitan Way

Hoover, AL 35243

(205) 439-1000

INTRODUCTION

The goal of course selection is to prepare an educational program which will empower all students to make choices and meet the challenges of the 21st century. Each student will follow six steps in selecting courses for the 2013-2014 school year.

1. Students meet with counselors in groups to discuss curriculum requirements and recommendations.
2. Students and parents study the course selection guide and make their selections. Students will obtain the necessary recommendations from current instructors.
3. Counselors meet with students individually to discuss course selections.
4. Counselors and teachers are available for a period of time to discuss selections with parents.
5. Students turn in their course selection requests by the appointed deadline.
6. The school uses the course selection requests to plan a master schedule, hire teachers, and purchase textbooks for the 2013-2014 school year.
7. Students and parents will register online and return in the summer for registration day to pick up schedules and pay fees for the 2013-2014 school year.

COURSE SELECTION

TAKE THE TIME TO DO IT RIGHT!

The decisions you make in course selection, the effort you put forth in your classes, and your participation in activities, clubs, and sports will have a direct bearing on future career decisions.

Counselors and teachers will work with you to develop a clear understanding of the courses available.

The curriculum of Spain Park High School is designed to assure each student a comprehensive and balanced program to build a sense of achievement and the necessary background to pursue personal career goals. Individual interests, abilities, aptitudes, and aspirations will be the determining factors in helping students plan their curriculum while in high school.

Course selection is an important process, so students and parents should carefully discuss academic goals, extracurricular pursuits/commitments, and diploma requirements before requesting courses.

IMPORTANT NOTICE REGARDING SCHEDULE CHANGES

Students and parents should exercise extreme care in course selections. Teachers are employed and books are purchased based upon student course selections. Once the master schedule is set, the school is staffed to try to meet the needs of the students' schedule requests. It can be difficult or impossible to change student schedules once classes are set, so parents and students should carefully review course requests, and parents should sign the registration sheet indicating approval of students' choices. After the student has made his/her selections, and the parent has approved the course request form, **schedule changes may not be considered** except for emergency situations as determined by the school principal. Only core academic changes may be considered.

While an elective course may be requested, a class can only be included in the master schedule if there is sufficient enrollment to justify a teaching assignment. **Also, if a particular course is only taught during a specific period, there is a possibility that there will be a conflict with other requested courses.** Great care is taken when crafting the master schedule to eliminate as many conflicts as possible, but courses such as Advanced Placement, band, choir, athletics, etc. often are available in only one or two periods during the school day and conflicts do occur. ***It is critical that students list alternate electives and realize that there is a possibility that they may have to choose between classes.***

Beginning the first day of school, ALL schedule changes must be approved by the principal or designated administrator. Counselors will be available during the summer and at registration to make any necessary changes to schedules. Students will receive a listing of their classes for the 2013-2014 school year in May. No teacher names or permanent order will be listed. If there is a problem, counselors will be available by appointment to meet with students and/or parents to make any **necessary** adjustments. **Changes will be considered only if it is a school error or a necessary academic change.** Elective changes are discouraged. Schedule changes will be handled by appointment only.

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Schedule changes are not allowed for the following reasons:

- *Requesting a change in teacher for the same subject;*
- *Requesting a change from a smaller to a larger class;*
- *Requesting a change from one lunch group to another;*
- *Requesting a change from one elective to another (unless necessary when a student is selected for a competitive/performance class such as Jazz Band, Show Choir, athletic team, etc.)*

Advanced Credits

Pre-IB and Pre-AP courses are designations used by Hoover City Schools and are not authorized by the International Baccalaureate Organization or the College Board.

PRE-ADVANCED PLACEMENT

Pre-AP courses prepare students to enroll in college level courses at the high school level and are designed for highly motivated students who will focus on improving writing, analysis, critical thinking, and overall comprehension skills. These courses are rigorous and have an overall focus of preparing students for Advanced Placement courses where students may potentially receive college credit. Pre-AP courses require a significant amount of additional reading and writing compared to regular high school courses. The majority of students enrolling in Pre-AP courses intend to enroll in subject specific AP courses during their high school careers or seniors who plan to further their study in a specific area at the collegiate level. Pre-AP courses carry an additional grade weight of +.25 quality point.

ADVANCED PLACEMENT

The Advanced Placement program is a nationally recognized program sponsored by the College Board. AP courses enable students to *complete college-level studies while still in high school and to potentially obtain college placement or credit* on the basis of their performance on rigorous Advanced Placement examinations. A strong Advanced Placement program depends upon a partnership between motivated students and dedicated high school teachers who are trained by the College Board. Participation in Advanced Placement programs is often used as one of the criteria for academic scholarships and acceptance into many highly selective colleges. Generally, all Advanced Placement Courses carry an \$85 examination fee for students to potentially obtain college credit, but some AP course also carry a lab or material fee. **All AP examinations fees will be the responsibility of the family.** Any student enrolled in an AP class will be required to take the AP exam in May of that year. All AP courses carry an additional grade weight of +1.00 quality point. Interested students should ask the counselors or AP teachers for more information.

DUAL ENROLLMENT

Dual Credit courses are college courses taken in conjunction with Jefferson State Community College or other accredited colleges which have signed a dual-enroll agreement with Hoover City Schools. These courses count simultaneously for high school and college credit. Students must have prior permission from the principal to enroll for dual credit and must meet the requirements specified by the college. Dual credit college courses are offered on the Spain Park High School campus through a special arrangement with Jefferson State Community College. Not all colleges and universities accept Jefferson State Community College credit. It is the student's responsibility to check with the college of choice to determine if credit will be accepted. The SPSHS College and Career department is available for assistance. Participating students receive high school credits toward high school graduation and also receive college credit from the cooperating college. Tuition, books, and other college course fees are the responsibility of the student or his/her parents or legal guardians. A three-hour college course transfers as ½ credit (.5) at the high school. Students must register through Spain Park High School and meet the outlined college requirements to participate. Requirements for admission are available in the Guidance Office. These courses receive an additional weight of +.50.

Off-Campus Option

Eligible students can attend classes away from the high school campus by taking courses on a college campus. Under the conditions of our current Dual Enrollment Agreement, courses taken on the college campus cannot substitute for core curriculum classes that would be taught at the high school.

On-Campus Option

Core curriculum courses and elective courses may be taken as a regular part of the high school day for certain subjects approved by both the high school and the college. All core academic courses will be taught five days per week by a Spain Park teacher. Students who enroll in these courses can earn college credit by paying the necessary tuition and fees to the college. The availability of these courses is subject to sufficient enrollment, and we are presently restricted to offering these courses through Jefferson State Community College. On-campus dual enrollment courses will receive an additional weight of +.50 for purposes of GPA calculation and class rank.

Please see the Jefferson State Community College section for a list of course offerings.

INTERNATIONAL BACCALAUREATE PROGRAM-requires transfer to Hoover High School

The IB Curriculum is taught in the 11th and 12th grades. Before entering the 11th grade, students must have completed Geometry, Algebra 2 w/Trig, Biology, Chemistry or Integrated Chemistry and Physics (recommended) and two years of Latin, Spanish, or French. Pre-IB English and Pre-IB History are strongly recommended for 10th graders considering entering the IB Program in the 11th grade. Students sit for international examinations in all subjects at the completion of their study. If test scores are satisfactory and all IB requirements are met, students receive an International Baccalaureate Diploma in addition to Hoover High School's Advanced Academic Diploma.

The International Baccalaureate program is an internationally recognized program of study at the 11th and 12th grade level that allows students the opportunity to earn an additional diploma from Geneva, Switzerland. Students take examinations that are equivalent to the national exams used in other countries. Spain Park High School students who are eligible for this program must request a transfer to

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Hoover High in order to participate. The transfer is contingent on the student remaining in the program until graduation.

Some basic facts about the IB program at Hoover High School are summarized below:

- **Criteria** – Students are identified as pre-IB candidates in the 9th and 10th grade. They must have a GPA of 3.0 or have a score in the 90th percentile on their most recent achievement tests. Pre-IB students complete Honors level course work in all academic subjects through the 9th and 10th grade.
- **Curriculum** – The IB Diploma requires extended study in six academic areas: English, Foreign Language, Social Studies, Mathematics, Science, and an IB-approved elective. In the 11th and 12th grades, students complete course work at the highest academic level in all IB classes.
- **Complements** – In addition to the academic course work, IB students must complete other requirements. These include an extended essay of 4000 words based on independent research on a topic of the student's choice, 150 hours of community and creative service, and a Theory of Knowledge course.

For further information on the International Baccalaureate program, contact IB Coordinator Brad Coltrane at Hoover High School - 205-439-1200.

ADDITIONAL GRADE WEIGHTING

Academic teams, Pre-AP, and AP courses all carry additional grade weights that affect a student's semester and cumulative grade point average. Grade weights are listed below:

Advanced Placement	+1.00 quality point
Academic Teams	+ .50 quality point (Scholars' Bowl, and Math Team)
Dual-Enrollment	+ .50 quality point
Pre-Advanced Placement	+ .25 quality point

*Example: B average in an AP course affects a student's grade point average the same as an A in a regular course.

A GUIDE TO COURSE NAME CONVENTIONS USED AT THE HIGH SCHOOL LEVEL

The terms listed below are used at the end of course titles to denote their special status. Course titles that do not contain these terms are considered part of the regular curriculum. The regular high school curriculum of Hoover City Schools is based on a college preparatory model, and students should always expect challenging content and homework (an average of 15 – 30 minutes per night for each academic course).

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TEAM:

- Description: used to denote advanced level courses that are associated with academic teams that represent the school in competitive events
- Recommendation: students with a strong work ethic who have demonstrated superior ability in the given subject and who can commit to substantial time demands outside of the regular school day
- Content distinction: courses that move even faster through the content than Pre-AP / IB courses and use class time gained by the faster pace to practice for competition in the given subject
- Homework load: average of an additional 20 – 30 minutes per night for each course
- Grade weight: + 0.50 quality points
- Criteria: approval of team sponsor

DUAL:

- Description: used to denote courses that are associated with Dual Enrollment agreements that exist between Hoover City Schools and local colleges or universities
- Recommendation: students with a strong work ethic who have demonstrated above-average ability in the given subject and who wish to earn college and high school credit at the same time (requires tuition paid to the college and permission from the principal for student to enroll in the dual enrollment course)
- Content distinction: courses based on the syllabus of the host college or university and may be taught on the high school or college campus
- Homework load: varies by the course but typical of what would be expected in a college course
- Grade weight: +0.50 quality points
- Criteria: established by the college or university admission office (dual enrollment procedures)

PRE-AP:

- Description: used to denote advanced level courses that specifically include content and skills that help prepare students for taking Advanced Placement courses in the given subject (also prepare students for the International Baccalaureate program in those subjects that do not have specific Pre-IB courses)
- Recommendation: students with strong work ethic who have demonstrated above-average ability in the given subject and who desire to attempt college-level courses before graduating from high school
- Content distinction: cover more challenging topics by moving faster through the content
- Homework load: an additional 15 – 20 minutes per night for each course
- Grade weight: +.25 quality points
- Criteria: minimum of 85% average grade in the given subject area and recommendation of current teacher

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AP:

- Description: used to describe college-level courses in the Advanced Placement curriculum, as defined by the College Board (The courses prepare students for an examination at the end of the course, and scores from AP exams can be submitted for consideration of credit to colleges or universities.)
- Recommendation: students with a very strong work ethic who are prepared to begin college-level coursework in the given subject prior to graduation from high school
- Content distinction: move at a college pace and cover a deep range of content as defined by The College Board - cover the same/similar topics that one would expect to find in freshman and sophomore level courses at a typical college or university
- Homework load: require substantial number of reading and writing assignments outside of class and usually require an average additional 30 – 40 minutes of homework per night for each course
- Grade weight: +1.00 quality points
- Criteria: 85% average grade in advanced levels of the given subject and approval by the AP instructor

IB:

- Description: used to describe college-level courses that follow the International Baccalaureate curriculum, as defined by the IB Organization in Geneva, Switzerland (IB courses prepare students for a series of examinations in all academic subjects, and the scores from these exams can be submitted for consideration of credit to colleges or universities.)
- Recommendation: students with a very strong work ethic who are prepared to begin college-level course work in all academic areas prior to graduation from high school and who desire an international perspective in their education
- Content distinction: move at a college pace and cover a deep range of content as defined by the IB Organization - meets the standards of colleges and universities around the world as a benchmark of excellence
- Homework load: required substantial reading and writing assignments outside of class, and, on average, an additional 30 – 40 minutes of homework per night for each course
- Grade weight: +1.00 quality points
- Criteria: acceptance as an IB Diploma Candidate (approval of the IB Coordinator at Hoover High School)

ACCESS:

- Description: The ACCESS Distance Learning plan provides Alabama students with access to quality instruction and coursework by blending rigorous Web-based courses taught by Alabama certified and highly qualified teachers and a technical infrastructure to deliver approved Web-based courses via a statewide network. There are three regional support centers to hire, train, evaluate, and support e-teachers along with statewide coordination, scheduling, and support for distance learning.
- Recommendation: students with a very strong work ethic who are self-motivated and can stay on-task without constant reminders from a facilitator

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- Content distinction: the same curriculum as taught by a teacher in a classroom. (Content is approved from the State Department of Education.)
- Grade weight: depends on the course taken
- Criteria: counselor and/or administrator approval

THE ALABAMA OCCUPATIONAL DIPLOMA

(not available to students entering 9th grade in the 2013-2014 school year or later)

Special education students may enroll in an occupational course of study aimed at obtaining an Alabama Occupational Diploma. Each AOD student must have an approved portfolio containing a collection of evidence of the student's knowledge, skills, and abilities related to the occupational core curriculum. The primary postgraduate goal for students in the occupational course of study is competitive employment. Students should make every attempt to get a regular high school diploma before selecting the Alabama Occupational Diploma as an option because of the restrictions for post-secondary education opportunities. Because of diploma requirements, an extra year of school may be necessary if the AOD decision is made at the 12th grade level. This diploma option must be determined by a student's IEP committee.

ALTERNATE ADULT HIGH SCHOOL DIPLOMA (AAHSD)

(not available to students entering 9th grade in the 2013-2014 school year or later)

This diploma option is available to students, with or without disabilities, who are pursuing the Alabama High School Diploma (AHSD) and have been unable to pass the requirements of the Alabama High School Graduation Exam (AHSGE) by the end of the fall administration of the student's senior year. With parental permission to participate, these students may obtain an AAHSD by passing the required course work for the AHSD and by passing the Test of General Education Development (GED). These students will participate in the AAHSD program concurrently as they continue to pursue an Alabama High School diploma.

ADDITIONAL HIGH SCHOOL DIPLOMA OPTIONS

Students may earn optional high school diploma endorsements listed below by completing coursework extending beyond the state minimum graduation requirements according to criteria authorized by the State Board of Education and additional requirements authorized by the local board of education:

- **Hoover City Schools Seal of Scholastic Excellence**
 - At least four (4.0) credits that meet one of the following criteria:
 - Two (2.0) credits of a foreign language in the same language and two (2.0) credits in a college-level course (i.e., Advanced Placement, International Baccalaureate, or Dual Enrollment classes)
 - Three (3.0) credits of a foreign language in the same language and one (1.0) credit in a college-level course (i.e., Advanced Placement, International Baccalaureate, or Dual Enrollment classes)

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- At least two (2.0) credits of science that meet one of the following criteria:
 - One (1.0) credit in Chemistry and one (1.0) credit in Physics, or
 - One (1.0) credit in Integrated Chemistry / Physics, Pre-AP and one (1.0) credit in an Advanced Placement or International Baccalaureate science course
 - At least one (1.0) credit in math at the Pre-calculus level
 - Cumulative GPA of 3.00 or higher
 - A minimum of 28.0 earned total credits
-
- **Alabama Advanced Academic Endorsement –**
(not available to students entering 9th grade in the 2013-2014 school year or later)
 - At least two (2.0) credits of a foreign language in the same language
 - Science credits that must include at least one (1.0) credit in Chemistry or Physics
 - Math credits that must include at least one (1.0) credit in Algebra 2 with Trigonometry
 - A minimum of 26.0 earned total credits
-
- **Alabama Career Technical Education Endorsement**
 - At least three (3.0) credits in a sequenced Career Technical Education program of study
 - A minimum of 24.0 earned total credits
-
- **Alabama Advanced Career Technical Education Endorsement**
 - At least three (3.0) credits in a sequenced Career Technical Education program of study
 - Math credits that must include at least one (1.0) credit in Algebra 2 with Trigonometry
 - A minimum of 24.0 earned total credits

“Twenty years from now you will be more disappointed by the things you didn't do than by the ones you did. So throw off the bowlines, sail away from the safe harbor. Catch the trade winds in your sails. Explore. Dream. Discover.”

Mark Twain

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**SPAIN PARK HIGH SCHOOL
GRADUATION REQUIREMENTS**

(not available to students entering 9th grade in the 2013-2014 school year or later)

	Adv. Academic Diploma	Regular Diploma	Occupational Diploma
English	4 Credits 1 English 9 1 English 10 1 English 11 1 English 12	4 Credits 1 English 9 1 English 10 1 English 11 1 English 12	4 Credits 1 Employ. English I 1 Employ. English II 1 Employ. English III 1 Employ. English IV
Social Studies	4 Credits 1 World Hist./Geo. 1 US History 10 1 US History 11 1 Gov./Econ.	4 Credits 1 World Hist./Geo. 1 US History 10 1 US History 11 1 Gov./Econ.	4 Credits 1 World Hist. for Living 1 US Hist. for Living I 1 US History for Living II 1 Econ./Gov. for Living
Math	4 Credits 1 Algebra 1 1 Geometry 1 Algebra 2 w/Trig 1 Additional Math Course*	4 Credits Must include the equivalent of: Algebra 1 Geometry	4 Credits 1 Essential Math I 1 Essential Math II 1 Algebraic Explorations I 1 Algebraic Explorations II
Science	4 Credits 1 Biology 1 Chemistry 2 Additional sciences	4 Credits Must include: 1 Biology 1 A physical science	4 Credits 1 Life Skills Science I 1 Life Skills Science II 1 Life Skills Science III 1 Science Connections IV
Physical Education	1 Credit	1 Credit	1 Credit
Foreign Language	2 Credits (same language)		
Health	½ Credit	½ Credit	½ Credit
Fine Arts	1 Credit	1 Credit	½ Credit
Computer Applications	½ Credit**	½ Credit**	
Career Tech			2 Credits
Cooperative Ed.			1 Credit
Electives	5 Credits	5 Credits	3 Credits
TOTAL	26 Credits	24 Credits	24 Credits

*Students who take Algebra 1 in the eighth grade and complete pre-calculus by the end of their junior year will have satisfied the four year requirement for math; however, Hoover City Schools requires that all students take a math course for four years at the high school level to prepare them for college. **May be waived if computer literacy, keyboarding skills, and introductory applications are verified by qualified staff at the high school by means of a test given at the end of the eighth grade.

Alabama High School Diploma

Effective for incoming 9th grade, 2013-14

Areas of Study	Requirements	Credits
English Language Arts	English 9 English 10 English 11 English 12	4.0
Mathematics	Algebra 1 Geometry Algebra 2 w/ Trig or Algebra 2 (or equivalent)	4.0
Science	Biology A physical science (Physical Science, Chemistry, or Physics) 2 additional science courses	4.0
Social Studies	World History 9 US History 10 US History 11 Government/Economics	4.0
Physical Education	LIFE (Physical Fitness) Band	1.0
Health Education	Health Education	0.5
Career Preparedness	Career Preparedness Course	1.0
CTE /Foreign Language /Arts	Students choose any combination of Career Technical Education(i.e. FACS & Fashion), Arts Education, and/or Foreign Language courses	3.0
Electives	Any other state or locally approved elective courses	2.5
Total Credits Required for Graduation		24

No longer required for graduation with the incoming freshmen, 2013-2014:

1. Two years of a foreign language
2. Business Technology Applications
3. Art elective

STATE/NATIONAL TESTING

AHSGE

Sept / Dec / March / July

The Alabama Board of Education requires graduating seniors for 2014 and plan to receive an Alabama High School diploma must pass all subject tests of the Alabama High School Graduation Exam and fulfill requirements regarding number of credits. The assessment is composed of questions measuring the objectives identified in the Standards and Objectives for Alabama High School Graduation Exam, Bulletin 1997, No. 16, and Bulletin 1998, No. 13. The Graduation Exam tests reading comprehension, language, math, science, and social studies. Students have multiple opportunities, if needed, to pass each subject test before exiting school. A credit based diploma is also offered for any senior that passes math, English, and one additional AHSGE test. Students are required to continue taking all portions of the test through March of their senior year. Current freshmen, sophomores and juniors will be required to take and pass end-of-course exams.

EXPLORE

Fall

The EXPLORE is a test for 8th and/or 9th graders that gives an early indication of readiness for the PLAN and ACT examinations. The EXPLORE is used to help students and their parents, teachers, and counselors identify each student's academic strengths and weaknesses as students begin to establish solid educational and career plans. It contains academic tests that measure achievement in English, mathematics, reading, and science reasoning.

ASVAB

November

The ASVAB is the most widely used multiple aptitude test battery in the world. It assesses a student's ability to learn new skills and is a predictor of success in training and education programs. The ASVAB Career Exploration Program offers more than just a test. It includes an interest inventory and other activities and resources designed to help students explore the world or work and gain confidence in making career decisions. ASVAB results are not shared with military recruiters. For more information or practice tests, go to www.asvabprogram.com.

PLAN

Fall

The PLAN is a test for 10th graders that gives an early indication of readiness for the ACT examination. The PLAN is used to help students and their parents, teachers, and counselors identify each student's strengths and weaknesses as the student begins to establish solid educational and career plans. It contains academic tests that measure achievement in English, mathematics, reading, and science reasoning. The PLAN will be administered to all 10th grade students at Spain Park High School.

PSAT / NMSQT

October

The Preliminary Scholastic Aptitude Test / National Merit Scholarship Qualifying Test (PSAT/NMSQT) is a multiple choice test that measures verbal and mathematical reasoning abilities important to doing college work. The PSAT/NMSQT gives students the unique opportunity to assess their verbal and mathematical skills, forecast SAT scores, discover whether they would be successful in Advanced Placement courses, participate in the Student Search Service, and qualify for scholarship and enrichment programs (Merit Scholarships, Achievement Scholarships, and National Hispanic Scholar Awards). It must be taken in the student's junior year to qualify for the awards.

AMERICAN COLLEGE TESTS (ACT)

The American College Tests are offered six times during the school year to students, usually juniors and seniors, who plan to enter college. The months for testing are September, October, December, February, April, and June. Pre-registration is required, and forms may be obtained from the Guidance Office. The ACT Assessment assists 11th and 12th graders in the transition from high school to postsecondary education by providing information that can be used for admission, course placement, advising, and planning. It is recommended to be taken in the late spring of the student's junior year, since much of the test is based on eleventh grade work. Registration information is available in the guidance center.

SCHOLASTIC APTITUDE TESTS (SAT)

The Scholastic Aptitude Tests are given to high school **juniors** and **seniors** who plan to enter college. These tests are usually administered in October, January, April, May, and June. Pre-registration is required, and forms may be obtained from the Guidance Office.



FREQUENTLY ASKED QUESTIONS
ABOUT COURSE SELECTIONS

1. Can Driver Education, Health, Computer Applications, Government, or Economics be taken in summer school to save an elective period?

Yes. Each summer, a number of students take one or more of these classes in order to make room in their schedules for an additional elective. Students taking Driver Education must each have a driver permit before summer classes begin, and the grade assigned will be a Pass/Fail. Students should keep in mind that there are not that many semester classes available to balance a schedule if they take a semester class in the summer. The vast majority of sophomores will take Health and Driver Education together, and seniors will take Government and Economics during the regular school year.

2. When is summer school going to begin? When will it end? How much will cost?

Teachers and counselors will be contacting students and parents with specific summer school information. When it becomes available, the information will also be posted on the school website. The cost is \$175 per semester term (to be paid in advance), with a late registration fee of \$20. Only 1 absence is allowed; 3 tardies equal 1 absence. Forms are available in the Guidance Office.

3. What is the difference between a regular high school diploma and an advanced academic diploma?

The State of Alabama offers an advanced academic endorsement to the regular high school diploma for those students who complete additional course work. An advanced academic endorsement is not required for admission to any university, although many colleges do require various combinations of courses for admission that are associated with the advanced academic endorsement (ex. two or three years of foreign language or chemistry). Students are responsible for knowing the particular requirements of a specific college, and the college and career counselor can help with this process. The advanced academic endorsement is a distinctive achievement and should be a mark of honor when it is earned.

4. Do I have to take Pre-AP or AP courses in order to earn an advanced academic diploma?

No. Because 95% of Hoover City Schools graduates typically transition to postsecondary institutions (Universities, Colleges, Community Colleges, Technical Schools, etc.), we consider our standard curriculum to be college preparatory. A student can meet all of the requirements for an advanced academic endorsement without taking Pre-AP or AP courses.

5. Why do some courses have additional Quality Points like academic teams, Pre-AP and AP classes?

Pre-AP, Dual Enrollment, academic teams, and Advanced Placement courses are assigned additional quality points because of the increased difficulty of these courses. By weighting the grades in these courses, we hope to encourage students to attempt more rigorous coursework. Through participating in these added weight courses, students have the opportunity to earn a GPA above a 4.00, but they must continue making high marks in these courses in order to receive the benefits of this advanced coursework.

6. What is Class Rank, and why is it so important?

Spain Park High School

Different schools calculate and report cumulative GPA in many different ways, and this makes it difficult for colleges to compare one student's GPA to another's from a different school. Increasingly, colleges are looking at a student's class rank, in addition to the actual GPA calculation, because the class rank shows the college how a student compares within their own peer group.

7. Are you required to take Health your sophomore year?

No, but this course is a graduation requirement. You can delay taking the course, but remember that doing so will mean that you will be taking the class in the future with younger students.

10. What classes will count towards my fine art requirement for graduation?

All theater, dance, art, band, and choir courses count as fine art courses. Remember, to count as a fine art, the course must be a performance or product-based course. Shakespeare as Poetry and Performance also meets the requirement to serve as a fine art credit.

11. What are the requirements/qualifications for the National Honor Society?

For National Honor Society selection procedures, please visit our website at spainparkhigh.al.hch.schoolinsites.com

Hoover City Schools

High School Consumable/Expendable Supply
Payment Schedule
2013-2014

- Miscellaneous supplies and materials such as paper, pencils, and novels will need to be provided by the parent.
- Co-curricular activities such as band, athletics, choir, and academic teams may also require fund-raising activities.
- Mandatory fees will be waived or reduced for students who qualify for free or reduced lunch upon written request from a parent or guardian.
- Other parents who are concerned about fees or who need to set up a payment plan should request a conference with the principal.
- Where multiple fees might apply to the same course, such as an AP science class, the higher of the applicable fees will be the only one charged.

General Fees

Activity card (optional)	\$60.00
Locker fee (optional, includes regular and PE locker if applicable)	\$10.00
Parking fee (optional)	\$25.00
Report card mailing fee	\$6.00
Schedule change request.....	\$20.00
Transcript fee (alumni only)	\$5.00
(Alumni must also complete a personal information release form)	

Academic Course Fees

Advanced Placement exam fee (excludes AP US History 10).....	\$85.00
International Baccalaureate program fee	\$65.00
(per year enrolled, 11 th and 12 th ; includes both Certificate and Diploma candidates)	
Science lab fee	\$25.00
(excludes Active Physical Science, Biology, Earth Science, & Environmental Science)	

Elective Course Fees

Art Survey.....	\$10.00
Band, jazz ensemble	\$40.00
Band, marching (includes Aux Dance & Aux Flags)	\$180.00
(includes course fee, uniform rental, and band camp participation)	
Business	\$25.00
Choir.....	\$25.00
Cooperative Education / Work Study (regular ed only).....	\$15.00
Dance, all courses except Aux /Dance Team (see Band, marching).....	\$25.00
Drivers Education.....	\$30.00
Engineering Academy	\$25.00
Family Consumer Science	\$25.00
Health Science Academy courses	\$20.00

Spain Park High School

Health Science Internship.....	\$60.00
Law Academy courses.....	\$15.00
Sports Medicine (1 st year and Advanced)	\$15.00
Strength & Conditioning (Athletes & Non-Athletes)	\$15.00
Team Sports	\$15.00
Theater, all courses.....	\$15.00
Visual Art, all others.....	\$40.00
Visual Art, Ceramics	\$50.00
Visual Art, Digital Photography.....	\$80.00
Visual Art, AP Art	\$85.00

“The will to win, the desire to succeed, the urge to reach your full potential... these are the keys that will unlock the door to personal excellence.”

Eddie Robinson

ENGLISH

English 9th Grade

English 9 includes a broad survey of diverse literature, focused composition instruction, systematic vocabulary enrichment, an introduction to applied research, and a review of grammar, usage, and mechanics.

English 9th Grade, Pre-AP (+.25 grade weight)

Prerequisite: EXPLORE English score of 15+/Reading score of 17+ **or** 90% average in 8th grade English; teacher recommendation

Pre-AP English 9 includes in-depth literary analysis and a focus on critical thinking. This course is geared for the motivated student who plans to enroll in an Advanced Placement English course as a junior or senior and features expedited instruction in composition, vocabulary, research, and grammar. Students should anticipate much heavier reading assignments.

English 10th Grade

Prerequisite: English 9

English 10 offers the student a survey of American literature to 1900. The course also includes vocabulary enrichment, composition strategies and practice, applied research, and a review of grammar, usage, and mechanics.

English 10th Grade, Pre-AP (+.25 grade weight)

Prerequisite: EXPLORE English score of 15+/Reading score of 17+ **or** 85% average in 9th grade English; teacher recommendation

Pre-AP English 10 offers an advanced study of American literature to 1900. The course is geared for the motivated student who plans to enroll in an Advanced Placement English course as a junior or senior. This course features expedited instruction in vocabulary, composition, research, and grammar. Students should anticipate much heavier reading assignments.

English 11th Grade

Prerequisite: English 10

English 11 focuses on American literature since 1900, providing the student with insight into more contemporary texts. Emphasis is placed on original composition, textual analysis, vocabulary development, and applied research.

English 11th Grade, Language AP (+1.00 grade weight)

Prerequisite: PLAN English and Reading score of 24+ or 85% average in Pre-AP course(s); teacher recommendation

Fee: \$85

The AP English Language and Composition course is designed to be a college level class. There is an end-of-the-year AP test in May to determine whether this class can take the place of freshman composition classes at a college or university. The course, as offered at Spain Park High School, will retain the emphasis on twentieth-century American literature that eleventh-grade English classes currently have. Because AP English Language and Composition places an emphasis on rhetoric and rhetorical

Spain Park High School

strategies, students will expand their focus of literary conventions to include purpose, audience, subject, and effectiveness. **In addition to reading a variety of texts, students must be prepared for a great deal of reading and writing each week.** According to the College Board, the purpose of this course 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.” *All students will be required to take the AP exam in May.*

English, 12th Grade

Prerequisite: *English 11*

English 12 offers students a survey of British and world literature from *Beowulf* onward. Students should anticipate a substantial reading load as well as an emphasis on original composition, especially literary analysis. Standard components such as vocabulary, research, and textual analysis will figure heavily into the course.

English 12th Grade, Literature AP (+1.00 grade weight)

Prerequisite: *PLAN English and Reading score 24+ or 85% average in English 11, Language AP; teacher recommendation*

Fee: *\$85*

AP English 12 is a college level course that offers students a survey of American, world, and British literature. Students should anticipate extensive reading and composition assignments with emphasis on literary analysis in preparation for the Advanced Placement Examination. Standard components such as vocabulary, research, and textual knowledge will also figure heavily into the course. **Students who take this course must be self-motivated and demonstrate a developed sense of critical thinking and the ability to perform under time constraints.** *All students will be required to take the AP exam in May.*

DUAL ENROLLMENT COURSES – See complete information regarding dual enrollment procedures/requirements in the Dual Enrollment section.

JSCC- ENG 101

English Composition I (3 hours)

Meeting: Daily during school hours on SPHS campus

Grade Level: 12 (English 12)

Prerequisite: *ACT English sub-score of 20 or passage of the COMPASS placement test at Jefferson State Community College and a 3.0 GPA.*

Cost: ***\$384 plus book*** (Tuition and fees subject to change by the State Board of Education)

English Composition I provides instruction and practice in the writing of at least six extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I may include instruction and practice in library use.

JSCC- ENG 102

English Composition II (3 hours)

Meeting: Daily during school hours on SPHS campus

Grade Level: 12 (English 12)

Prerequisite: ACT English sub-score of 20 or passage of the COMPASS placement test at Jefferson State Community College and a 3.0 GPA.

Cost: \$384 plus book (Tuition and fees subject to change by the State Board of Education)

English Composition II provides instruction and practice in the writing of at least six formal, analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library use.

ENGLISH ELECTIVES

Creative Writing I-A (first semester)

Grade Level: 10 - 12

This course is an introduction to the use of writing as an art form and avenue to creative personal expression. Students will discuss, evaluate, and create writing of various styles and genres including but not limited to poetry, fiction, creative nonfiction, and drama. Students will encounter and respond to voices and ideas from a range of writers, and will begin building portfolios of their own work.

Creative Writing I-B (second semester)

Grade Level: 10 - 12

This course is an in-depth study and refinement of the skills explored in the previous semester. Students will consider more deeply their own, original voices as writers and develop these voices in growing personal portfolios. Students will also have the opportunity to design, edit and produce a literary magazine for the school.

Shakespeare as Poetry and Performance

Grade level: 10 - 12

This is a year course designed for students interested in studying more of Shakespeare's tragedies, histories, and comedies. All plays will be read and listened to in class--the focus will be on the themes and dramatic significance of the plays. Drama students will also have time to "act" and perform parts of the works. This course meets the Fine Art requirement.

Mythology Survey

Grade level: 10-12

Students are introduced to the nature, cultural context, origins, development, and types of myths on a deeper level. They are familiarized with key relationships, attributes, and associated symbolism of the major characters of Greek, Roman, Norse, and Egyptian mythology. Students are engaged in a discussion of the relevance of ancient cultures to their everyday lives and the parallels and differences between ancient and modern stories and characters.

Reading the Movies: Film as Literature and Art

Preference to 11th & 12th grades

Students will explore the history and the art of film, developing a vocabulary and set of skills for the close reading and critical analysis of movies. Students will examine a variety of classic films as works of literature and art, analyzing the medium of film as a unique mode of story-telling. Students will also investigate the ways in which movies reflect and respond to their cultural and historical contexts. In addition to participating in class discussions, students will write regularly in response to film. Works studied include films by Alfred Hitchcock, Francis Ford Coppola, Frank Capra, Orson Welles, Erroll Morris, the Coen Brothers, and others, plus representatives of key genres, such as the western, film noir, the documentary, the screwball comedy, and more.

BOOK PURCHASES

The library staff will sell books that students will need for the upcoming school year during the registration process in July. Students are encouraged to get the books then, rather than waiting until the books are needed during the school year. The SPS Library does benefit from these purchases.

SUMMER READING

A summer reading list will be published, distributed, and explained to students before school is dismissed in May. Summer reading assessments will occur at the beginning of the year and will factor significantly into the first grading period. All summer reading information distributed in class will also be available on the SPS web site.

“Literature adds to reality, it does not simply describe it. It enriches the necessary competencies that daily life requires and provides; and in this respect, it irrigates the deserts that our lives have already become.”

C.S. Lewis

M A T H E M A T I C S

Hoover City Schools requires that each student complete four years of high school math in grades 9-12.

Example Math Course Sequence Pathways:
(Other combinations are possible)

Minimum (Not Adv. Academic)	Not Adv. Academic	Min. Adv. Academic	Min. Adv. Academic	Min. Adv. Academic	Most Common	Above Average	Above Average	Highest
Algebra IA / Algebra IB	Algebra 1	Algebra 1	Algebra IA / Algebra IB	Algebra IA / Algebra IB	Algebra 1	Geometry	PreAP Algebra I	PreAP Geometry
Principles of Geometry	Geometry	Geometry	Geometry	Geometry	Geometry	Algebra II with Trigonometry	PreAP Geometry	PreAP Algebra II w/ Trigonometry
Algebraic Connections	Algebraic Connections	Algebra II with Trigonometry	Algebraic Connections	Algebra II with Trigonometry	Algebra II with Trigonometry	Precalculus	PreAP Algebra II w/ Trigonometry	PreAP Precalculus
Algebra II, Non-Trigonometry	Algebra II, Non-Trigonometry	Discrete Mathematics	Algebra II with Trigonometry	Discrete Mathematics	Precalculus	Calculus	PreAP Precalculus	AP Calculus or AP Statistics

Algebra I

Grade Level: 9

Prerequisite: 70% in 8th grade Math; Teacher recommendation

Algebra I introduces algebraic concepts dealing with the real number system, its properties and operations. Emphasis is on factoring, graphing linear equations, simplifying and evaluating expressions, performing operations on polynomials and rational expressions, inequalities, equations, systems of equations, quadratic and rational equations. Other topics include probability and statistics, functions, and relations.

Algebra 1-A (2 consecutive periods)

Grade Level: 9

Prerequisite: Teacher recommendation

Algebra 1-A is a one semester class that will earn one math credit. This course teaches simultaneous concepts that are being introduced and mastered in the first semester of regular Algebra I classroom. The course provides the student with more extensive instruction on course content and provides additional opportunities for the delivery of instructional content.

Algebra I-B (2 consecutive periods)

Grade Level: 9

Prerequisite: Algebra I-A; Teacher recommendation

Algebra 1-B is a one semester class that will earn one math credit. This course teaches simultaneous concepts that are being introduced and mastered in the second semester of regular Algebra I classroom. The course provides the student with more extensive instruction on course content and provides additional opportunities for the delivery of instructional content.

Algebra I, PreAP (+.25 grade weight)

Grade Level: 9

Prerequisite: 90% in 8th Grade Math course; Teacher recommendation

PreAP Algebra I uses advanced algebraic concepts dealing with the real number system, its properties and operations. Emphasis is on factoring, graphing equations, simplifying and evaluating expressions, performing operations on polynomials and rational expressions, inequalities, equations, systems of equations, quadratic and rational equations. Other topics include probability and statistics, functions, and relations. Complex algebraic concepts will be explored and emphasized.

Geometry

Grade Level: 9-11

Prerequisite: EXPLORE Math score 17+ or 70% in Algebra 1; Teacher recommendation

Geometry presents a logical development of the basic concepts and understanding of Euclidean geometry. Included in this course are topics from plane geometry, solid geometry and coordinate geometry. The geometry course requires students to make conjectures and use reasoning to validate or negate these conjectures. Concepts and skills involve deductive reasoning taught through the use of direct and indirect proofs. Topics include angles, parallel lines, triangles, special right triangles, Pythagorean Theorem, polygons, circles, area, volume, transformations.

Geometry, Principles of

Grade Level: 10

Prerequisite: Algebra I-B or Algebra I; Teacher recommendation

This course does NOT meet the graduation requirements for the Advanced Academic Endorsement of the Alabama High School diploma. Principles of Geometry presents a logical development of the basic concepts and understanding of Euclidean geometry with an emphasis on practical application rather than formal proof. Included in this course are topics from plane geometry, solid geometry and coordinate geometry. The geometry course requires students to make conjectures and use reasoning to validate or negate these conjectures. Topics include angles, parallel lines, triangles, special right triangles, Pythagorean Theorem, polygons, circles, area, volume, transformations.

Geometry, PreAP (+.25 grade weight)

Grade Level: 9-10

Prerequisite: EXPLORE Math score 19+ or 90% average in Algebra I; Teacher recommendation

This course covers the same topics as geometry with a more in-depth and challenging analysis of the major concepts and more emphasis on theory. Logical thinking is developed through concentration on direct and indirect proofs. This course is geared to the motivated student who plans to enroll in a Math Advanced Placement course in the future. The title "PreAP" designates a preparatory course for AP work, not a College Board Advanced Placement course.

Algebraic Connections

Grade Level: 11-12

Prerequisite: Completion of Algebra I and Geometry; Teacher recommendation

This course provides students a bridge between Geometry and Algebra II while teaching them to make responsible financial and economic decisions. Topics include banking, personal budgets, credit purchases, direct and inverse variation, exponential growth and decay, rates of change, trigonometric ratios, arc length, sector area, data analysis and probability. Algebraic Connections is designed primarily for students who have earned credits in both of the required courses, but who also need additional work in these subjects *before taking Algebra II*.

Algebra II with Trigonometry

Grade Level: 10-12

*Prerequisite: EXPLORE Math Score 17+ or 70% average in Algebra I and Geometry;
Teacher recommendation*

Algebra II with Trigonometry is required for all students seeking the Alabama High School diploma with Advanced Academic Endorsement. Credit cannot be awarded for both Algebra II with Trigonometry and Algebra II Non-Trigonometry. Seniors enrolling in Algebra II with Trigonometry should have already passed the AHSGE. This course focuses on problem solving skills. Topics include complex numbers, algebraic expressions, linear equations, inequalities, systems of equations, matrices, coordinate geometry, radicals, absolute value, data analysis and probability, deriving the quadratic formula, applying quadratic and trigonometric functions to real life problems, defining the six trigonometric functions, coordinates on the unit circle, and the reciprocals of other functions. Students will analyze families of functions (linear, inverse variation, quadratic, exponential, logarithms, and polynomials) and perform operations on functions.

Algebra II, Non-Trigonometry

Grade Level: 12

Prerequisite: Geometry; teacher recommendation

This course does NOT meet the graduation requirements for the Advanced Academic Endorsement of the Alabama High School diploma because it does not include an in-depth study of trigonometry. Topics include complex numbers, algebraic expressions, linear equations, inequalities, systems of equations, matrices, coordinate geometry, radicals, absolute value, data analysis and probability. Students will analyze families of functions (linear, inverse variation, quadratic, exponential, logarithms, and polynomials) and perform operations on functions.

Algebra II with Trigonometry, PreAP (+.25 grade weight)

Grade Level: 10-12

*Prerequisite: EXPLORE Math Score 19+ or 90% average in Algebra I and Geometry or an 85% average
PreAP Geometry; Teacher recommendation*

PreAP Algebra II with Trigonometry involves a review of the operations of the real number system, solutions of linear equations and inequalities in two and three variables, properties of polynomials, complex numbers, and rational expressions. The concepts of relations and functions are developed emphasizing linear, quadratic, exponential, logarithmic, and trigonometric functions. Sequences and series, conic sections, probability and matrix algebra are included in this course. Concepts related to statistical experiments are also a part of PreAP Algebra II. PreAP Algebra II is an analytical and rigorous approach to Algebra II concepts to prepare students for Advanced Placement in future math courses.

Discrete Mathematics

Grade Level: 11-12

Prerequisite: Algebra II with Trigonometry; Teacher recommendation

Discrete Mathematics expands upon the topics of matrices, combinational reasoning, counting techniques, algorithms, sequences, series, and their applications. Students are expected to work in both individual and group settings to apply problem-solving strategies and to incorporate technological tools that extend beyond traditional instructional practices.

Precalculus

Grade Level: 11-12

Prerequisite: PLAN Math score 19+ or 70% average in Algebra II with

Trigonometry with a consistent B test average; Teacher recommendation

Precalculus is designed to provide the necessary prerequisites for the successful completion of college mathematics. Algebraic, graphical, numerical and verbal analyses are incorporated during investigations of the precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions.

Precalculus, PreAP (+.25 grade weight)

Grade Level: 11-12

Prerequisite: PLAN Math score 22+ or 95% average in current Algebra II with Trigonometry course and Teacher recommendation

PreAP Precalculus is designed as an in-depth study of conic sections, polynomial, logarithmic, exponential, logistic, rational, and trigonometric functions, trigonometric identities, vectors, complex numbers, polar graphs, parametric equations, sequences, series, matrices, probability, and statistics. The course culminates with an introductory study of calculus involving limits and derivatives. The intensity and pace of this course **is more rigorous** than previous PreAP courses.

Calculus

Grade Level: 12

Prerequisite: PLAN Math score 22+ or Precalculus; Teacher recommendation

Calculus is the study of limits, differentiation, and integration. Students will explore all types of functions and their applications in-depth. There is extensive use of graphing calculators in this course.

AP Calculus, AB (+1.00 grade weight)

Grade Level: 12

Prerequisite: PLAN Math score 26+ 85 % average in PreAP Precalculus; Teacher recommendation

Fee: \$85

Advanced Placement Calculus AB is the study of limits, differentiation, integration, and their applications. Students will explore all types of functions both with and without the graphing calculator. This course is designed to prepare students to take the Advanced Placement examination at the AB level in the spring which provides the opportunity to earn up to **one semester** of credit in college calculus. *All students will be required to take the AP exam in May.*

AP Calculus, BC (+1.00 grade weight)

Grade Level: 12

Prerequisite: PLAN Math score 26+ 90% average in PreAP Precalculus; Teacher recommendation

Fee: \$85

Advanced Placement Calculus BC is the study of limits, differentiation, integration, and their applications. Students will explore all types of functions both with and without the graphing calculator. This course is designed to prepare students to take the Advanced Placement examination at the BC level in the spring, which provides the opportunity to earn up to **two semesters** of credit in college Calculus. This course moves at a faster pace than AP Calculus AB, covers AP Calculus AB topics in more detail, and includes additional topics (such as sequences and series) not included in the AP Calculus AB curriculum. *All students will be required to take the AP exam in May.*

AP Statistics (+1.00 grade weight)

Grade Level: 11-12

Prerequisite: 85% average in Pre-AP Algebra II with Trigonometry or a 90% in

Algebra II with Trigonometry; Teacher recommendation

Fee: \$85

Advanced Placement Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course includes four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. Students who successfully complete the course and AP examination may receive credit, advanced placement, or both for a one-semester introductory college statistics course. This course requires mastery of a graphing calculator. A TI-89 is preferred. *All students will be required to take the AP exam in May.*

MATH TEAM

The math team courses prepare students to compete in mathematics tournaments at local, state, regional, and national levels. All Math Team courses have a grade weight of (+.50). Please consider the following criteria for success and satisfaction:

- from 3 to 5 Saturday tournaments starting in December
- grasps mathematical topics rapidly (1st or 2nd time the teacher explains it)
- willing to try a "different" way to solve a problem
- intuitive in math (can get the answer but may not know exactly how)
- Geometry, Algebra 2 with Trigonometry, and Precalculus math teams can be taken in lieu of the regular courses. These courses meet the graduation requirements.

Geometry Math Team (+.5 grade weight)

Grade Level: 9

Prerequisite: Algebra I Math Team; Teacher recommendation

This course consists of an enriched and accelerated geometry course for 9th grade students who participate on the school's Math Team. Content includes most of the standard topics including proofs, analysis, problem solving techniques, and introductory Algebra II topics. Short cuts, formulas, and test taking skills are supplemental.

Algebra II with Trigonometry Math Team (+.5 grade weight)

Grade Level: 10

Prerequisite: PreAP Geometry, Teacher recommendation

This course covers the same topics as Pre-AP Algebra II with a more in-depth analysis of major concepts, more emphasis on theory. Students will be introduced to elementary precalculus concepts. This course is designed to prepare students to compete at math tournaments and will include ciphering and math team tests.

Precalculus Math Team (+.5 grade weight)

Grade Level: 11

Prerequisite: PreAP Algebra 2 with Trigonometry; teacher recommendation

This is an enriched and accelerated Precalculus course. Students will study the same topics as Pre-AP Precalculus with a more in-depth analysis of major concepts and more emphasis on theory.

Comprehensive Math Team (+.5 grade weight)

Grade Level: 10-12

Prerequisite: Must be a member of the Math Team, teacher recommendation

This is an elective math course taken in addition to a required math course for members of the math team who desire additional instruction and practice. However, it is **required** for senior math team students to take Calculus concurrently.

“The essence of mathematics is not to make simple things complicated, but to make complicated things simple.”

S. Gudder

INSTRUCTIONAL SUPPORT

Students cannot select these courses without consultation and approval from the Instructional Support department. Most of the courses are designed to meet the needs of Individualized Education Plans as directed by the Individuals with Disabilities Education Act. The focus of these efforts is to address learning disabilities, physical disabilities, and specific skill deficit recovery.

Foundations, Reading & Writing

Prerequisite: IEP placement

Grade level: 9 – 12

This course is intended for IEP students who are seeking a regular diploma but who also have significant skill deficits in the areas of reading and writing which prevent them from being successful in a regular English classroom.

Foundations, Mathematics

Prerequisite: IEP placement

Grade level: 9 - 12

This course is intended for IEP students who are seeking a regular diploma but who also have significant skill deficits in the area of mathematics which prevent them from being successful in a regular mathematics classroom.

Study Strategies

Prerequisite: Instructional Support recommendation

Grade level: 9 - 12

The purpose of the course is to enhance organization, listening, and time management skills so that students can learn to manage their own learning style appropriately and effectively. This course is *not* a tutorial program, and students cannot use the class time to do homework. Remediation in the four core academic courses will be integrated into this course.

Language! Level A/Level B

Prerequisite: LEP placement or ESL/Instructional Support recommendation

Grade level: 9 - 12

This course is a replacement for regular English instruction for students whose reading literacy is too low for success in the regular English classroom. Most often, this is an effective placement for limited English proficient students. Students are working towards the goal of transitioning to the regular English classroom. Students should be aware that some postsecondary institutions do not recognize LANGUAGE! as a replacement for English, and these students may face a significant challenge in passing the graduation exam.

ELL--English Language Learner

Prerequisite: Limited English Proficiency placement

Grade level: 9 - 12

This course is intended to support students whose first language is not English. Students who are determined to be LEP will consult with the ESL teacher to determine the necessary degree of support. The ESL teacher will consult with the students' teachers as well in order to help them to be successful as they develop English literacy.

SCIENCE

Biology

Grade Level: 9-10

Biology introduces students to the vast diversity of organisms and the characteristics that define life. Units include biodiversity, cells, interdependence, genetics, and evolution. Inquiry based laboratory work is required. This course is designed to meet the science literacy requirements of the Biology core curriculum as defined by the state science course of study.

Biology, Pre-AP (+.25 grade weight)

Grade Level: 9 - 10

Prerequisite: *85% average in current science course; teacher recommendation*

Fee: *\$25*

The Pre-AP Biology course is designed to prepare students for success in Advanced Placement science courses. In preparation for these courses, pre-AP biology students will be required to complete reading assignments *outside of class* related to scientific articles and/or scientific literature and complete independent research-based projects. Students should be good readers with strong comprehension skills. Students will also be required to write formal lab reports and analyze scientific data throughout the course. Finally, a major form of assessment in the pre-AP classroom will be writing essays to explain scientific concepts in preparation for the Advanced Placement examinations. This course is designed for students who wish to pursue further study in Advanced Placement Science courses or Advanced Biology Electives.

Chemistry

Grade Level: 10 – 12

Prerequisite for 10th graders: *B average in previous math and science course or EXPLORE science score of 18+ and math score of 15+*

Co-requisite for 11th/12th graders: *Algebra II w/Trig.*

Fee: *\$25*

This course introduces students to the theoretical principles behind basic inorganic chemical concepts. The course covers advanced chemical principles and mathematical problems that will fully prepare a student for further chemistry study at the college level. Chemistry requires that students come to the course with the ability to perform algebraic operations and independently solve word problems. This course requires inquiry based laboratory work.

Chemistry Pre-AP, Pre-IB (+.25 grade weight)

Grade Level: 10 - 12

Prerequisite: 85% average in current science course; teacher recommendation

Special requirement: Signature of current science and math teacher

Fee: \$25

The Pre-AP Chemistry course is designed to prepare students for a success in Advanced Placement science courses. In preparation for these courses, Pre-AP Chemistry students will be required to complete formal lab reports and analyze specific data throughout the course. The course requires a more in-depth study of chemical concepts. Students who take this course need to be independent learners, readers with very high ability to comprehend difficult concepts, and scholars who wish to take at least two AP science courses during the rest of their high school career.

Integrated Chemistry and Physics (Chemics) Pre-AP, Pre-IB (+.25 grade weight)

Grade Level: 10 - 12

Prerequisite: 90% average in current science course; teacher recommendation

Special requirement: Signature of current science and math teacher

Fee: \$25

This course is a study of chemistry as a microcosm of physics. The course includes the study of basic chemical and physical theories and principles that describe the interactions of matter and energy, the basic forces that exist in nature, and the application of the conservation laws (as they apply to energy, momentum and matter). Pre-AP Integrated Chemistry and Physics is designed for those students who possess exceptional mathematical and problem-solving skills as well as outstanding expository writing skills. Students who take this course need to be independent learners, readers with very high ability to comprehend difficult concepts, and plan take at least two AP science courses during the rest of their high school career. This course will focus on laboratory activities and problem solving.

Active Physics & Chemistry

Grade Level: 10

Lab manual: \$5

This course will focus on the big ideas of physics including motion, energy, light and waves, electricity, and the structure of matter. The topics will be explored using a conceptual instead of a purely mathematical approach. Inquiry based laboratory work is an integral part of this course.

Anatomy and Physiology

Grade Level: 11 - 12

Prerequisite: Chemistry

Fee: \$25

The Human Anatomy and Physiology elective core covers content standards relating to the structure and function of the components of the human body. It is designed specifically for students who are interested in pursuing careers in the medical and allied health fields. Core content emphasizes the structure and function of cells, tissues, and organs; organization of the human body; biochemistry; and the skeletal, muscular, nervous, endocrine, digestive, respiratory, cardiovascular, integumentary, immune, urinary, and reproductive systems. An important component of this course is the laboratory setting in which students are encouraged to apply the knowledge and processes of science while independently seeking answers to questions of personal interest and importance.

Earth Science

Grade Level: 10 – 12

Prerequisite: Biology

This course studies the subjects of geology, meteorology, oceanography and astronomy for the purpose of helping students understand how the surface of the earth, the atmosphere, the oceans, and the universe work together as well as the relationship between our earth and the rest of the universe. This course requires students to complete laboratory investigations, inquiry laboratory activities, outside projects, and computer work. Students must be willing to work outdoors, and some astronomical investigations will be conducted at night.

Environmental Science

Grade Level: 10-12

Prerequisite: Biology

This course extends the study of biology to focus on the living and nonliving factors which affect our environment. We consider the impacts of humans at local, national, and global levels. Current local and world issues will be integrated into the curriculum. Students will work outside of the school building to collect and analyze phenomena in the Cahaba River watershed woods that surround the school. In addition to class work, laboratory work, scientific inquiry, and fieldwork investigations, this course requires fieldwork in a variety of settings and weather conditions. We will investigate the fascinating natural world around Spain Park High School as a living laboratory.

Forensics

Grade Level: 11 – 12

Fee: \$25

Prerequisite: Biology and Chemistry

Forensic science is the application of scientific methods to those criminal and civil laws that are enforced by police agencies in a criminal justice system. This course is intended to enhance interest in science by incorporating forensic knowledge into lab experiences involving mysteries. Students will develop problem solving and critical thinking skills by applying science concepts to solving real world problems. Students will expand these critical and logical thinking skills about relationships between real science and explanations by providing sound, scientific arguments to their theories.

Physics

Grade Level: 11 - 12

Co-requisite: Pre-calculus

Fee: \$25

This course covers the theoretical principles of matter and energy, as well as advanced physics principles. Advanced physics principles and mathematical problems are applied which will fully prepare students for further physics study at the college level. Students must be comfortable and confident in their independent mathematical ability. The course employs mathematical analysis, laboratory experiments, and computer aided investigations to lead students to an understanding of the basic laws of nature as presently understood by science.

AP Biology (+1.00 grade weight)

Grade Level: 11 - 12

Prerequisite: *Biology and Chemistry with at least an 85% average both semesters*

Fee: *\$110 (exam and lab fee)*

This course is designed to give students an in-depth understanding of the living world. It covers the curriculum associated with a college biology course. Topics include biochemistry, genetics, biotechnology, evolution, human anatomy and physiology, and ecology. The course utilizes extensive laboratory work. (NOTE CHANGE: AP Biology is now a one period class.) All students will be required to take the AP exam in May.

AP Chemistry (+1.00 grade weight)

Grade Level: 11 - 12

Prerequisite: *Chemistry and Biology with at least an 85% average in both courses*

Fee: *\$110 (exam and lab fee)*

This course is designed to give students an in-depth understanding of the composition of substances and the changes those substances undergo. The main topics that will be studied are atomic structure, bonding, thermodynamics, kinetics, equilibrium, acid-base equilibrium, and electrochemistry. The course utilizes extensive laboratory work. (NOTE CHANGE: AP Chemistry is now a one period class.) All students will be required to take the AP exam in May.

AP Physics, B level (+1.00 grade weight)

Grade Level: 11 - 12

Prerequisite: *Chemistry with at least an 85% average both semesters*

Fee: *\$110 (exam and lab fee)*

Co-requisite: *Pre-calculus or higher math*

This course is designed to give students an in-depth understanding of physical theory and principles. The subject matter includes the interaction of matter and energy, fluid mechanics, thermal physics, electricity, magnetism, and nuclear physics. The AP Physics curriculum is designed for students with **exceptional** mathematical skills and problem solving abilities. This course requires only one class period, and it can be taken either after an introductory physics course or (with teacher recommendation only) as a first-year physics course. All students will be required to take the AP exam in May.

AP Environmental Science (+1.00 grade weight)

Grade Level: 11 - 12

Prerequisite: *Biology and Chemistry with at least an 85% average both semesters; signature of current math and science teacher*

Fee: *\$110 (exam and lab fee)*

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 and/or

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preventing them. A strong laboratory and field component complements the classroom portion of the course by allowing students to learn about the environment through firsthand observation. *All students will be required to take the AP exam in May.*

Science Laboratory Assistants

Grade Level: 11-12

Prerequisite: Science Lab Manager's signature required

This course will allow selected students to assist science teachers with laboratory activities. Lab assistants will help monitor for safety problems, assist individual students in understanding written procedures, supervise clean-up and re-stocking of lab materials at the end of an activity, and dispense materials to students as directed by the teacher. They will also assist the lab coordinator in the set-up and breakdown of laboratory activities. This course will count as a full-credit elective, **but it cannot be used as one of the four years of science required for graduation.**

**“Somewhere,
something incredible
is waiting to be known.”**

Carl Sagan

SOCIAL STUDIES

World History since 1500, Ninth Grade

Grade Level: 9

This course explores historical development from 1500 to the present, concentrating on the personalities, the ideas and events that have shaped the modern era in Europe, the Western world, Africa, and Asia. Geographic impact, development of civic knowledge/responsibilities, and emerging economic systems within a chronological context are emphasized.

World History Since 1500, Pre-AP (+.25 grade weight)

Grade Level: 9

Prerequisite: EXPLORE Reading score 18+

This course explores the same topics as World History and Geography since 1500, but it has a stronger emphasis on critical thinking and examination of historical texts. The additional work load will include more reading and writing assignments. This course is highly recommended for students who are considering AP US History in their sophomore year.

United States History and Geography to 1877, Tenth Grade

Grade Level: 10

This course is the first half of a comprehensive two-year study of American history and geography. In tenth grade, students study the historic development of American ideas and institutions from the Age of Exploration and Discovery to the turn of the century. While focusing on political and economic history, students will examine American culture through a chronological survey of major issues, movements, people, and events in United States and Alabama history.

US History and Geography to 1877, AP, Pre-IB (+1.00 grade weight)

Grade Level: 10

Prerequisite: EXPLORE Reading score 20+/English score 20+ or 85% average in history/English classes; teacher recommendation

The Advanced Placement Program in United States History, a college-level course, is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and material in United States history. The course is designed to give students a foundation in the chronology of the United States history and in major interpretive questions that derive from the study of selective themes. Students will learn to assess historical materials - their relevance to a given interpretive problem, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship.

United States History and Geography since 1877, 11th Grade

Grade Level: 11

Eleventh grade U.S. History focuses on twentieth century America and beyond. Knowledge and understanding gained during previous years of study provide the foundation for the critical analysis required in this course. In the eleventh grade, students cover the historic development of American ideas and institutions from the turn of the century to the current day. Students will focus on political and economic history and examine our American culture through a survey of major issues, movements, people, and events in United States and Alabama history

US History since 1877, AP (+1.00 grade weight)

Grade Level: 11

Fee: \$85

Prerequisite: 85 % average in history/English classes; teacher recommendation

The Advanced Placement Program in United States History, a college level course, is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and material in United States History. This course continues the study begun in the 10th grade and carries through to present times. *All students will be required to take the AP exam in May.*

U.S. Government

Semester (required)

Grade Level: 12

American Government is a required one-semester course that examines the constitutional powers delegated to the three branches of federal government as well as those powers reserved to the states. Particular attention is also given to individual civil rights as well as the responsibilities of citizenship. Other topics included in this course are comparative political systems, a review of the foundations of the United States governmental system, the rise and importance of political parties, and politics in a democratic government.

US Government, AP (+1.00 grade weight)

Grade Level: 12

Fee: \$85

Prerequisite: PLAN Reading score 25+/English 25+ or 85% average in previous history and/or English courses; teacher recommendation

This class is an introductory college-level course designed to prepare students to successfully complete the AP examination in May. AP Government will give students an analytical perspective on government and politics in the United States. Students will become familiar with a variety of theoretical perspectives and explanations for various political behaviors and outcomes. Topics covered throughout the semester include the following: Constitutional foundations, political parties and interest groups, the mass media and politics, government institutions, public policy, and civil liberties. This course is for the student who desires an in-depth study of American politics and government in an analytical format. *All students will be required to take the AP exam in May.*

Economics

Semester (required)

Grade Level: 12

Economics is a required one-semester course that examines the basic principles of a capitalist economic system. Topics studied include the following: scarcity, the nature of economic systems, opportunity costs and production possibilities, supply, demand and price concepts, the nature of factor markets, efficiency, equity and the role of government, gross national product, inflation, unemployment, money and banking, and monetary policy.

Economics (Macro), AP (+1.00 grade weight)

Grade Level: 12

Semester

Fee: \$85

Prerequisite: PLAN Science score 27+/Math 26+ or 85 % average in previous history and/or English courses; teacher recommendation

This class is an introductory college-level course designed to prepare students to successfully complete the AP macroeconomics examination in May. AP Economics will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course will place particular emphasis on the study of national income and price determination. It will also develop students' understanding of economic performance measures, economic growth, and international economics. The scope and intensity of instruction is appropriate for students who desire a more challenging level of instruction. *All students will be required to take the AP exam in May.*

SOCIAL STUDIES ELECTIVES

Psychology

Year

Grade Level: 11-12

Psychology is a year-long course which provides students with the basic understanding of human behavior. Included in this course are units that cover the five main areas studied in psychology: research methods, biopsychology, cognition, lifespan development, and clinical and socio-cultural psychology.

Psychology, AP (+1.00 grade weight)

Year

Grade Level: 11 - 12

Fee: \$85

Prerequisite: 85% average in previous biology and/or English courses

This full-year class examines human behavior through a course of study equivalent to an introductory college-level curriculum. The course outline follows the precepts of the College Board and includes units on sensation and perception, states of consciousness, learning and intelligence, motivation and emotion, developmental psychology, personality, abnormal psychology, and the treatment of psychological disorders. Research methods and the major schools of thought will be addressed throughout the course. Students will be required to research topics of interest in psychology as well as design and conduct an experiment with other members of the class. *All students will be required to take the AP exam in May.*

Human Geography, AP (+1.00 grade weight)

Year

Grade Level: 10 – 12

Prerequisite: Teacher recommendation from previous history course

Fee: \$85

Advanced Placement Human Geography is a course that is designed to represent a college introductory course in Human Geography. Cultures, languages, and religions of various groups of people in the world will be explored. In addition, themes such as agriculture, industrialization, urbanization, and demographics will also be discussed and analyzed in great detail.

Sociology

Year

Grade Level: 11-12

Sociology is the study of human society and social behavior. Sociology is a year-long course that will include units on cultural diversity, cultural conformity and adaptation, group behavior, and socialization. Other topics of interest include collective behavior (mobs, riots, fads, etc.), adolescent behavior, and deviant/criminal behavior.

Law Academy I: Philosophy and Ethics

Year

Grade Level: 9

Fee: \$15

Prerequisites: Application, Interview, and Instructor Approval

This entry level course of Law Academy is designed for students with an interest in fields related to law. Students compare schools of philosophical and ethical thought to better understand Western Civilization's principles and world views, as well as their own. Students will learn to apply critical thinking skills in the evaluation of ethical and philosophical issues on global and personal levels. In this study, students will be encouraged to develop a sense of personal ethics and moral standards through careful and reasoned decision making.

Law Academy II: Historical Examination of Legal Documents

Year

Grade Level: 10

Fee: \$15

Prerequisites: Application, Interview, and Instructor Approval

This course is designed as an in-depth study of the development of the documents that form the basis for the society, government, and legal system of the United States. This course will amplify and enhance the students' understanding of their roles as citizens of the American republic. Students will learn to think critically and apply this skill on written assignments concerning various documents that have influenced American History. To fully appreciate these documents, students will investigate the historical context in which these documents were written.

Law Academy III: Practical Law

Year

Grade Level: 11

Fee: \$15

Prerequisites: Application, Interview, and Instructor Approval

Practical Law is a class that will investigate the American legal system and its operation. This course will allow students to develop an understanding of law, the legal system, and how it impacts their life.

Law Academy IV: Mock Trial Team

Year

Grade Level: 12

Fee: \$15

Prerequisites: Application, Interview, and Instructor Approval

This course is designed to incorporate the three previous Law Academy courses into an interactive law

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process. The course will allow students a role in actual court proceeding. The course will culminate with a competition in the spring.

“Few will have the greatness to bend history itself; but each of us can work to change a small portion of events, and in the total; of all those acts will be written the history of this generation.”

Robert Kennedy

FOREIGN LANGUAGE

Two years of a consecutive language and a collegiate level course or three years of a consecutive language are required for the Hoover City Schools Seal of Scholastic Excellence. The department recommends that a student have at least a high C average in the previous year of language study to successfully progress to the next level. Spanish I / French I students at the middle school can continue to the next level and enroll in Spanish II / French II at the high school.

SPANISH

Spanish I

In Spanish I, the student will acquire a basic vocabulary for reading, writing, and conversation. The past and present tenses of verbs will be learned. The student will begin to learn about the civilization and culture of the Hispanic countries. Emphasis will be placed on developing oral proficiency.

Spanish II

Prerequisite: Spanish I

Spanish II builds on the foundation of Spanish I. Students will learn additional verb tenses and increase their vocabulary. Students will continue to develop their listening, writing, reading, and speaking skills. The study of Hispanic culture is a component of the course. Class will be conducted primarily in the language.

Spanish III, Pre-AP (+.25 grade weight)

Prerequisite: Spanish II- Advanced preferred; teacher recommendation from regular Spanish II

Pre AP Spanish III builds on the skills developed in earlier Spanish study to prepare students for AP Spanish or the additional study of Spanish at the college level. Special emphasis is placed on the skills required for communication, including intensive writing, listening, speaking, and reading practice. Grammar is reviewed and newspapers, radio broadcasts, and magazine selections are used as supplementary texts. The class will be conducted primarily in the language.

Spanish IV, Language AP (+1.00 grade weight)

Prerequisite: Spanish III, Pre-AP

Fee: \$85

This course consists of intensive practice in all areas of language and is designed to prepare students for the Advanced Placement examination at the end of the year. Emphasis is placed on the integration of oral and written presentation skills. Students should expect a rigorous course with instruction almost exclusively conducted in the target language. *All students will be required to take the AP exam in May.*

FRENCH

French I

French I provides the essentials of basic French. Vocabulary, verbs, and basic communicative skills are some of the major focuses of the course. Daily oral practice is an important component of the course as well. Students gain in-sight into the culture of France and Francophone countries.

French II

Prerequisite: French I

French II builds upon the skills learned in French I. The vocabulary is expanded and many new verb tenses are added. Reading and writing skills are also improved through cultural excerpts and short essays. Class will be conducted primarily in the language.

French III, Pre-AP (+.25 grade weight)

Prerequisite: French II

French III involves a grammar review. There are many readings, including excerpts from French literature and magazine articles. Students expand all areas of knowledge of the language through films, songs, radio programs, etc. Class will be conducted primarily in the language. This course is geared toward the motivated student who plans to enroll in French IV, AP or pursue the study of French at the collegiate level.

French IV, AP- Personages/En Bonne Forme (+1.00 grade weight)

Prerequisite: French III, Pre-AP

Fee: \$85

This course consists of intensive practice in all areas of language and is designed to prepare students for the Advanced Placement examination at the end of the year. Students should expect a rigorous course with instruction almost exclusively conducted in the target language. *All students will be required to take the AP exam in May.*

LATIN

Latin I

Students will acquire a proficiency in the language by translating simple Latin stories about Roman mythology, history, and daily life. Students will expand their vocabulary throughout the study of English derivatives. Cultural emphasis is mythology and the birth and development of Rome. This course has an intensive focus on grammar, including noun declension and verb conjugation.

Latin II

Prerequisite: Latin I

Students will continue to develop proficiency in the language by translating more complex Latin stories. Students will study Roman daily life by simulating a Roman engagement, marriage, election, and funeral. An intensive focus on grammar continues including the passive voice and the subjunctive mood.

Latin III, Pre-AP (+.25 grade weight)

Prerequisite: *Latin II*

Latin III Pre-AP – Latin III is a survey of various Roman authors in classical literature. The selections are chosen to enhance knowledge and appreciation for Roman culture, history, and mythology. In addition, a comprehensive review and expansion of vocabulary and grammatical concepts will be key components of this course. This course is specifically designed to improve preparation for the fourth year AP Latin class.

Latin IV, AP (Vergil) (+1.00 grade weight)

Prerequisite: *Latin III, Pre-AP*

Fee: \$85

This course will focus on translating Vergil's *Aeneid*. This epic poem is considered the greatest masterpiece of Latin literature. This book closely resembles the plot of *Odyssey*, in that a noble hero must find his homeland while encountering numerous obstacles on his adventures across the Mediterranean. This course is designed to improve students' knowledge of Latin mythology, grammar, history, and culture. *All students will be required to take the AP exam in May.*

***“A different language
is a different vision
of life.”***

~Federico Fellini

PHYSICAL EDUCATION, HEALTH EDUCATION, & DRIVER EDUCATION

Students can select only two units of physical education for the year. Students in athletics may choose one other physical education unit. All physical education classes will emphasize fitness, and the physical fitness test will be given to all students.

GRADUATION REQUIREMENTS

Physical Education LIFE Course

Year

Grade level: 9-12

Locker fee: \$5

This course provides each student with the opportunity to develop an individual level of fitness, acquire knowledge of fitness concepts, and understand the significance of a healthy lifestyle. It will include a wide variety of activities such as volleyball, basketball, soccer, football, tennis, golf, badminton, rhythms, track and field, speedball, outdoor education, and other games. This course meets the standards set in the state course of study for the Life Course graduation requirement.

Allowable substitutes for Physical Education Life Course:

Physical Education, Athletic LIFE Course

Year

Grade level: 9

Prerequisite: Coach's signature for intended sport

This course emphasizes strength training and conditioning for freshman athletes, but it also includes a variety of activities and fitness concepts which allow it to meet the standards set in the state course of study for the Life Course graduation requirement.

Band, Concert/Symphonic Majorettes

Grade level: 9

Fee: \$180

Students participating in marching band (including summer band camp) are excused from the physical education requirement.

Band, Percussion Auxiliary Band, Flags

Auxiliary Band, Dance Color Guards

Health Education

Semester

Grade level: 10

Health Education includes recent and reliable information on the promotion of wellness, the reduction of health risks, the prevention of disease, and the management of health problems. Students will be afforded the opportunity to make responsible decisions concerning their own personal health and the health of others and to develop and demonstrate a positive lifestyle of knowledge, attitudes, and behaviors.

PHYSICAL EDUCATION ELECTIVES

Team Sports

Grade Level: 10 - 12

Fee: \$15

This course will introduce students to a variety of team and individual sports. This course is designed to increase strength, conditioning, and cardiovascular capability through the use of team and individual sports. This course will include activities such as flag football, badminton, volleyball, table tennis, ultimate Frisbee, tennis, speedball, basketball, softball, and golf.

Strength and Conditioning (Non-Athletic)

Semester

Grade Level: 10-12

Fee: \$15

This course will acquaint students with the basic knowledge and skills in strength/ training and conditioning that may be used to enhance physical fitness pursuits throughout life. The goals will be to improve muscular strength, muscular endurance, flexibility, cardiovascular endurance, as well as enhance body image. The course will combine a reasonable weight program with appropriate cardiovascular activities in an enjoyable manner.

Sports Medicine

Year

Grade Level: 9- 12

Fee: \$15

Sports Medicine provides students with basic knowledge of the professions of athletic training, physical therapy, and orthopedic medicine. Topics include the following: the athletic trainer and the sports medicine team; physical conditioning and training; nutritional considerations for athletes; protective sports devices; psychological stresses to injury; emergency procedures; environmental considerations in sports; and taping and bandaging. In addition to classroom work, students will be required to complete a substantial number of hours outside of class at athletic events working under the supervision of a certified athletic trainer.

Sports Medicine, Advanced

Year

Grade Level: 10- 12

Prerequisite: Sports Medicine

Fee: \$15

Advanced Sports Medicine is a second-year, lecture/laboratory elective designed to provide a well-rounded and challenging academic experience for students interested in medicine, physical therapy, exercise science, athletic training, sports medicine, or other related fields. Throughout the year, students will be exposed to the following units of study: specific medical conditions and injuries in sports; scientific principles and techniques of injury prevention; evaluation, treatment, and rehabilitation; and field experience.

ATHLETICS

Athletics (for a specific sport)

Semester

Grade Level: 10-12

Prerequisite: *Coach's signature for intended sport*

Fee: *\$15*

This course will offer advanced skills in strength training and conditioning as dictated by the requirements for each sport. Some teams require varsity athletes to have transportation arrangements which allow them to come early for weight training. Students must try out and be accepted on a team.

This course is an elective credit and does not meet the Life Course graduation requirement for graduation:

The following sports are included in this category:

Baseball	Basketball
Cheerleading	Volleyball
Football (JV and Varsity)	Golf (<i>Requires off-campus transportation</i>)
Wrestling	Soccer
Softball	Swimming
Tennis	

HOW TO COMPLETE YOUR FORM:

On the course selection forms, student athletes should select the sport in which they are interested and obtain a coach's signature. NOTE: The coach's signature does not mean that the student has been accepted on the team, but rather that the student is interested and capable of competing for a position. It is important to select alternative electives in case the student does not actually make the team.

DRIVER EDUCATION

Driver Education

Semester

Grade Level: 10 - 12

Prerequisite: *Students must have their driver's permit*

Fee: *\$30*

The Driver Education program is designed to give students the opportunity to develop good driving skills. The primary emphasis is the mental task of driving which develops the traits of safety and responsibility. The course includes a classroom phase which includes a boater safety course, a simulation phase, and behind-the-wheel driving. **Students must log 40 hours of real-time driving** with a parent or guardian outside of class, so it is essential that students already have their driver's permit before taking the course.

VISUAL ARTS

Ceramics

Year

Prerequisite: Mixed Media Art 1

Fee: \$50

This class focuses on original 3-dimensional designs that integrate project concepts and ideas. Students are introduced to traditional building techniques in pottery, including slab construction, coil building, pinching, and wheel throwing. Students will also gain a basic knowledge of history and culture as it relates to functional and sculptural ceramic wares. Students must not be afraid to get their hands dirty!

Advanced Ceramics

Year

Prerequisite: Ceramics

Fee: \$50

This class is a continuation of Ceramics in which students develop both conceptual and realistic 3-dimensional designs in clay. Projects will include both functional and non-functional works that require research, planning, independent thinking, and self motivation. Students will be challenged to apply their knowledge of art and ceramics to create unique and original projects in clay for show and competition.

Art 1- Mixed Media

Year

Fee: \$40

This course is a hands-on course intended to stimulate the students' visual awareness of an artistic heritage. Students will gain an understanding of the history of art, creating drawings, paintings, collage, and three dimensional works representing different styles and periods of art. Stimulus for studio projects will include film, textbook, and the Internet.

Art 2- Drawing/Painting

Year

Prerequisite: Art 1- Mixed Media

Fee: \$40

This course provides more advanced instruction specifically related to drawing and painting and design. Acrylic and watercolor will be the mediums explored in the painting aspect of the course. Technical skills in color mixing, color theory, brushwork techniques, drawing for painting, and choosing subject matter will be emphasized. For the drawing aspect of the course, mediums will include pencils, charcoal, pastel, and pen. Drawings will be done from drawing from life and imagination. The terminology of the visual language as it relates to the history of drawing and painting will also be covered.

Art 3- Drawing/Painting

Year

Prerequisite: Art 2- Drawing & Painting

Fee: \$40

The emphasis of this class is strengthening the skills previously developed in introductory drawing and painting, particularly value, proportion, scale, and composition. Drawing the human head and body will be a major aspect of this course. Subject matter will include self-portrait and drawing from life (nature and perspective). There will be a focus on composition and individual choice of subject matter. Terminology that pertains to the technological and historical development of drawing will be emphasized.

Art 4- Drawing/Painting

Year

Prerequisite: Art 3- Drawing & Painting; Portfolio Approval

Fee: \$40

This is a studio based, portfolio building course. Students should have an intrinsic love and work ethic as related to the artistic process. Independent thought and style are fostered and encouraged. Opportunities for participation in art shows and competitions are extensive. Homework is at least 20 minutes per night.

Digital Photography

Year

Grade Level: 10-12

Fee: \$80

This course will utilize computer graphic software, digital camera technology, and camera mechanics to capture visual images and manipulate them to create meaningful artistic photographs. Students will learn camera mechanics while also gaining knowledge of the history, vocabulary, and artists associated with photography. Students should already be familiar with basic computer applications such as Microsoft Office.

Advanced Digital Photography

Prerequisite: Digital Photography

Fee: \$80

This class will concentrate on composition through the employment of photography and Photoshop software to create artistic imagery. Students will delve deeper into the art of photography and giving meaning to the pieces they create.

Art Survey

Fee: \$10

This course offers an exploration of art through the ages, including a study of famous paintings, sculptures, music, and architecture. Students will complete projects and presentations. Art Survey meets the graduation requirement for fine art and is an alternative to Art I – Mixed Media. *Art Survey does not fulfill the requirement of Art I – Mixed Media as a prerequisite for advanced art and/or ceramics courses.*

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Studio Art, AP (+1.00 grade weight)

Prerequisite: Portfolio Approval

Fee: \$125 (exam and materials fee)

Students are asked to think and produce at a faster rate than other art classes require. Independent art making and individual style are fostered. The inner voice and aesthetic are developed. Students are guided through the requirements for portfolios as recommended by the College Board. The portfolio is presented to the board for rating in May and competes on an international level. Opportunities are extensive for participation in art shows and competitions. Students should consider their overall class load before enrollment as homework is extensive, at least thirty minutes per night.

All students will be required to take the AP exam in May.

PERFORMING ARTS

CHORAL MUSIC

Women's Ensemble- Grade 9-10 -unauditioned

Year

*Fee: \$25 * plus purchase of uniform (\$100)*

The class is open to all women at Spain Park High School. Women's choir is an introductory course to choir at Spain Park and focuses on building sight singing and ensemble skills. Class time is spent learning choral literature for performance and music theory. No audition is needed. The Women's Choir performs music from all genres including contemporary, jazz, classical and traditional.

Women's Show Choir

Year

Grade Level 9-12

Prerequisite: audition

Fee: \$25 Additional fee for uniform

This class is selected by auditions for all grades to participate in two competitions each year.

Concert Choir- Grade 9-12- unauditioned

Year

*Fee: \$25 * plus purchase of uniform (\$100)*

Concert Choir is open to all students at Spain Park High School. The choir performs at two major concerts a year, as well as various school functions. In the spring Concert Choir attends State Festival. The choir will usually take a trip to perform outside the state. The Concert Choir is a more advanced ensemble for students with experience in choral singing. The Concert choir performs music from all genres including contemporary, jazz, classical and traditional.

Mixed Show Choir, 9th -12th Grade (Rhapsody in Blue)

Year

Prerequisite: Audition

*Fee: \$25 * plus substantial additional purchase*

Rhapsody in Blue is an auditioned show choir. This group performs several times throughout the school year, travels, and participates in four choir competitions. Each week class time will be spent learning the show choir music and choreography, as well as learning the general choral literature that will be performed when Rhapsody in Blue and Concert Choir perform together. Other expenses include costume rental, competition fees, choreography retreat, and a general show choir fee.

BAND

Marching and Symphonic Band

Year

Prerequisite: Prior instrumental instruction and audition required.

Fees: \$180

The Concert Band class is made up of brass, woodwind and percussion players with prior instrumental instruction. Marching band, Pep Band, rehearsal requirements, performance requirements, travel requirements, additional financial requirements, instrument requirements and academic requirements are detailed in the *Band Handbook* and in class.

Band Auxiliary, Guard

Year

Prerequisite: Audition only

Fee: \$180

Color guard will perform at all football games, parades, and competitions. Members are expected to perform at all band performances. Activities will include winter guard competitions.

Band Auxiliary, Dance

Year

Prerequisite: Audition only

Fee: \$180

The dance team will perform at all pep rallies, football games, competitions, and parades. In addition, members will perform at selected home basketball games and other community events.

Jazz Band

Year

Prerequisite: Audition only

Co-requisite: Band

Fee: \$40

The Jazz Ensemble, *Shades of Blue*, is made up of instruments traditional to a standard “big band” and requires simultaneous enrollment in Concert Band unless an exception is granted by the director. Performances include community events, school events, festivals and concerts. Rehearsal, performance, instrument and financial requirements are detailed in the *Band Handbook* and in class.

DANCE

Dance, Girls

Year

Grade Level: 9 - 12

Fee: \$25

This is an introduction to dance styles and elements. The course will focus on the fundamentals of dance technique. The goals of this course are to enhance knowledge of terminology and to improve both dance ability and coordination.

Dance, Mixed

Year

Grade Level: 10 - 12

Fee: \$25

This is an introduction to social and ballroom dance styles and elements. The course will focus on the fundamentals of dance technique with a special focus on couple style dancing. The goals of this course are to enhance knowledge of terminology and to improve both dance ability and coordination.

Dance, Advanced

Year

Grade Level: 10 - 12

Prerequisite: Teacher signature

Fee: \$25

Advanced Dance is a program designed for students with a sound background in dance. Students enrolled in this course should already have knowledge of dance terminology as well as proper dance technique. This course will focus on exploring more complex choreography in addition to historical and cultural concepts of dance. Students will also learn to relate music and movement through self-choreographed pieces.

Drama

Theater Arts

Year

Grade Level: 9 - 12

Fee: \$15

Theater Arts is a basic introduction to the theater. Emphasis is placed on the fundamentals of acting as well as the basics of play production. Activities include performing from published plays as well as other activities that include improvisation and creative dramatics. The goal of Theater Arts is to acquire an appreciation for the theater as an actor, backstage participant and audience member.

Theater Arts, Advanced

Year

Grade Level: 10 – 12

Prerequisite: Theater Arts and teacher signature

Fee: \$15

Advanced Theater Arts is a more in-depth investigation of the theatre. To enroll in this class, students must have permission of the instructor. **The Advanced Theater Art student is expected to participate in theatrical competition and to play a significant role in both fall and spring productions.** Theater history is studied so that the advanced student gains knowledge of play production and also of the major influences of today's theatre. The production participation level of this class will require a substantial amount of time outside of normal school hours, so transportation arrangements must be considered.

Technical Theater

Year

Prerequisite: Teacher signature

Fee: \$15

This class is a full year beginning technical theater course focusing on the fundamentals of technical theater and theatrical production. Students are taught the *basic* techniques of theatrical set design, costume design, lighting design, set construction, set painting, stage management, general theater maintenance, and scene shop organization. *[Notice to parents/guardians: This course requires that students work with inherently dangerous power tools, power saws and additional theatrical production equipment and supplies.]*

Technical Theater, Advanced Production

Year

Prerequisite: Technical Theater and teacher signature

Fee: \$15

This class is a full year (limited enrollment) advanced technical theater course dedicated to the theatrical production season. Like other varsity groups on campus, members of the “Varsity Technical Theater Crew” are expected to put in long hours after school towards the goal of producing a successful theatrical season. The technical theater crew will construct, paint, rig, decorate, and manage all set designs for the technical director, as well as maintaining the theater facility. The production participation level of this class will require a substantial amount of time outside of normal school hours, so transportation arrangements must be considered. *[Notice to parents/guardians: This course requires that students work with inherently dangerous power tools, power saws and additional theatrical production equipment.]*

AP Music Theory

Grade: 10-12

AP Exam Fee: \$85

Prerequisite: Basic ability to read musical notation and basic performance skill in voice or on an instrument. Permission of instructor

AP Music Theory is designed to provide students with a learning experience equivalent to that of an introductory college course in music theory. The goal of this course is to develop the student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. This course will seek to instill mastery of the rudiments and terminology of music as well as the development of aural, written, compositional, analytical, and sight-singing skills. Among the rudiments of music to be mastered in this course are notation, scales, keys, modes, chords, Roman numeral analysis, metric organization, figured bass, part writing and much more. Music Theory is an AP class that is for both instrumentalists and vocalists. This course is strongly recommended for any student who is considering majoring or minoring in music and also for those who want a deeper understanding of the theoretical aspects of music. This course is not considered to be an instrumental music course.

AP Art History

Grade: 10-12

AP Exam Fee: 85\$

Prerequisite: Teacher recommendation

This course will engage students at the same level as an introductory college art history survey. Such a course involves critical thinking and should develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media. In this course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art.

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FINE ARTS ACADEMY

Band	Choir	Art	Dance	Theater
Marching & Symphonic Band*+	Choir*+	Art I+	Girls' Dance*	Theater 1
Jazz Band*	Show Choir*	Art 2	Mixed Dance*	Advanced Theater*
AP Music Theory	AP Music Theory	Art 3	Advanced Dance*	Tech Theater
AP Art History	AP Art History	Art 4	AP Art History	Advanced Tech Theater*
		Ceramics	AP Music Theory (by teacher/administrator approval only)	AP Art History
		Adv. Ceramics		AP Music Theory (by teacher/administrator approval only)
		Digital Photography		
		Adv. Digital Photo.		
		AP Art		
		AP Art History		
Dual Enrollment Instrumental Music or other post-secondary fine/performing arts class**	Dual Enrollment Choir or other post-secondary fine/performing arts class**	Dual Enrollment Art or other post-secondary fine/performing arts class**	Dual Enrollment Dance or other post-secondary fine/performing arts class**	Dual Enrollment Dance or other post-secondary fine/performing arts class**

*May be taken multiple times

** Student must meet all dual enrollment requirements for Hoover City and the participating post-secondary school.

+Required Course

The goal of the SPHS Fine Arts Academy is to provide students with exceptional talent and/or interest in one or more of the fine/performing arts an avenue to pursue their love of the arts through participation in a program of study designed to broaden and strengthen these students' skills, talents, and understanding of fine and performing arts.

Student choosing the Fine Arts Academy as part of their Four Year Plan must complete the four (4) fine/performing arts regular/advanced courses in one area (band, choir, art, dance) – See NOTE for exceptions. Completion of one Advanced Placement course in the Fine Arts Academy category is recommended.

NOTE: Students with more than one area of interest may spread their regular/advanced course across two strands in the Fine Arts program with **teacher recommendation and administrative approval** prior to taking courses outside of the primary strand.

CAREER AND TECHNICAL EDUCATION

BUSINESS

Career Preparedness

Year

Grade Level: 9 (required for all students entering 9th grade in the 2013-14 school year and later)

As part of an increased focus on readiness for college and career, this course will provide students with skills in financial literacy, technology, and career planning. Students will participate in activities involving understanding the use of credit, budgeting, economic trends, etc., as well as working to develop sound technology skills in research and application of information. Career exploration and planning and the development of an academic plan to accomplish educational and career goals are also fundamental components of this course. This course is designed to meet the required 20-hour online experience.

Business Technology Applications

Year

Grade Level: 10 - 12

Fee: \$25

Business Technology Applications building technology skills used in the personal and business worlds. Students will focus on internet safety, valid research procedures, and keying by touch. Software programs assist students in learning the alpha-numeric keys and numeric keypad, and provide drills for improving speed and accuracy. *Microsoft Office* (Word, Excel, PowerPoint, Access) is used in formatting personal and business letters, envelopes, tables, MLA style research papers, business reports, resumes, presentations, employment application letters, spread-sheets, and databases.

BUSINESS ELECTIVE COURSES

Creative Media I

Year

Grade level: 10-12

Prerequisite: Business Technology Applications

Fee: \$25

Interactive Multimedia Design is a one-credit course designed to provide students with skills involving presentations, desktop publishing, Web publishing, and digital graphics. Students use various hardware peripherals as well as the Internet for integrating skills to create a variety of publications. Upon successful completion of the course, students are able to pursue further study in the area of professional interactive multimedia design.

Creative Media 2

Year

Grade level: 11-12

Prerequisite: Creative Media I

Fee: \$25

Creative Media Design 2 is a one-credit course designed to provide students with the ability to utilize digital equipment and multimedia digital imaging software, produce interactive media projects, and develop publication layouts. Students use various hardware peripherals as well as the Internet for integrating skills to create a variety of publications. Students will use live-work experience utilizing their print and Web design skills. They will create publications such as newsletters, programs, posters,

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invitations, business cards, etc. Students should have a background in such programs as Adobe Photoshop, Illustrator, Dreamweaver and Flash.

Introduction to Personal Finance

Semester

Grade Level: 10 - 12

Prerequisite: Business Technology Applications

Fee: \$ 15

This class is designed to help students develop the knowledge and skills to make informed, responsible decisions that can affect their financial future. Topics covered will include Money Management (Income and Taxes), Resource Management (Making Better Spending Decisions, Renting/Buying a Residence, Buying and caring for a Vehicle), Insurance, Banking, Credit, Budgeting, and Saving. Students will learn how to use their personal financial resources to enjoy today and be financially secure tomorrow.

Accounting I

Year

Grade Level: 10-12

Fee: \$25

Accounting I is a beginning level business finance course that introduces principles and procedures for proprietorships, partnerships, and corporations using double-entry accounting with an emphasis on accounting principles as they relate to manual financial systems. This course will involve the recording of business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision-making. Instructional strategies may include the use of computers, projects, simulations, and real world experiences to apply accounting theories and principles. Students pursuing a career in any business-related field will benefit greatly from this course.

FAMILY STUDIES AND COMMUNITY SERVICES

Family Consumer Sciences –Foundations course

Year

Grade Level: 9-12

Fee: \$25

This course places emphasis on the life sciences as they apply to the areas of food preparation, meal management, clothing, housing, parenting, and career development. This is an appropriate entry-level course for further study in the FCS area.

Foods and Nutrition – Second year course

Semester

Grade Level: 9-12

Fee: \$25

The students will learn a variety of objectives related to foods and nutrition including the social and cultural significance of food, nutrition, weight control, maintenance of good health, related careers, and preparation of food. Students will continue their study of culinary skills with further instruction in national and international food choice, preparation techniques, and presentation. Course content provides opportunities for students to explore topics such as influences on food choice, food production,

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recipe and menu evaluation, food preparation equipment, food storage and safety, meal service, dining etiquette, food preparation for special occasions, and career options in food production.

Housing

Year

Grade Level: 10 - 12

Fee: \$25

Choosing and renting an apartment or house and creating a statement about your personality and lifestyle are the focuses of this course. How to use creativity and limited money in furnishing and maintaining a home are also included.

Life Connections (College Living)

Semester

Grade: 12 (Seniors Only)

Fee: \$25.00

The course focuses on practical life skills and provides opportunities for students to explore a variety of real-world topics such as preparing for college life, maintaining a healthy lifestyle, clothing maintenance, housing decisions, organization techniques and skills, financial responsibilities, dating and marriage, relationship adjustments, improving the quality of life, seeking community resources and services, and career possibilities.

FASHION

Family Consumer Sciences –Foundations course

Please see above

Fashion – Second Year Course

Year

Grade: 10-12

Fee: \$25

Fashion is a one-credit course that emphasizes clothing design, the history of fashion, clothing selection, and wardrobe building based on personal analysis and consumer practices. Students will learn how to care for and repair clothing, uses of fabrics, and careers in the fashion world. Students will explore historic costumes, research fashion styles and trends, analyze fibers and textiles, and utilize technology in fashion design. Learning to sew by hand and with a sewing machine is the major focus in this course. Students are required to provide their own sewing supplies for projects throughout the year.

Fashion Design - Third Year Course

Year

Grade 11-12

Prerequisite: Fashion

Fee: \$25

Fashion Design is offered to students who are interested in building on what they have already learned in their fashion class. The major focus for students will be on gaining efficiency in sewing

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skills/techniques. Students will also learn more about past and present apparel and accessory design, explore historic costumes, research current fashion styles and trends, analyze fibers and textiles, and explore career options in the fashion industry. Students are required to provide their own sewing supplies for projects throughout the year.

HOSPITALITY AND TOURISM

Hospitality & Tourism – Foundations course; 2013-2014

Travel & Tourism I – Second year course; Offered 2014-2015

Travel & Tourism II – Third year course; Offered 2015-2016

Year

Grade Level: 9-10

Fee: \$25

Hospitality and Tourism serves as the foundations course for the NEW Hospitality and Tourism career pathway program. The course will educate students about the wide variety of jobs and careers available in the hospitality and tourism industry. Major topics include introduction to hospitality, tourism, recreation, lodging, restaurant and food/beverage services, safety and sanitation, customer relations, and quality services. School-based laboratory experiences in a commercial food service kitchen will enable students to develop workplace-readiness skills. Partnerships with local businesses and industry representatives related to hospitality and tourism will enhance classroom instruction and broaden exposure for further education, training, and employment opportunities.

Education and Training CTE Program – NEW!

Education & Training – Foundations course; 2013-2014

Teaching I – Second year course; Offered 2014-2015

Teaching II – Third year course; Offered 2015-2016

Grade Level: 9 - 10

Education and Training is a one-credit foundations course designed for students who are interested in pursuing a career in education. Course content includes the organizational structure of education, teaching careers, the role of the teacher, characteristics of effective teachers, communications skills, teaching and learning processes, learning styles, research, positive classroom environments, human growth and development, curriculum development, student characteristics, teaching techniques, learning activities, and educational initiatives. Observational experiences in classroom settings will also include opportunities to shadow teaching professionals involved in extra-curricular school activities such as sports, band, etc.

COOPERATIVE EDUCATION SEMINAR/WORK-BASED EXPERIENCE

Workforce Essentials

Year

Grade level: 10-11

Workforce Essentials provides students with higher-level academic and workforce skills that are transferable across jobs and occupational areas. Emphasis is placed on academic foundations for careers, applied technology, career development and employment, entrepreneurship and business economics, social and ethical responsibility, leadership and teamwork, safety and health, and technical

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knowledge and skills. Students build on prior knowledge, strengths, interests, and needs that enhance preparation for future employment and continuing education and training.

Cooperative Education Seminar

Grade Level: 11-12

Prerequisites: Two Career/Technical Education Courses in one program area

Cooperative Education is a structured component of the Career Technical Education (CTE) curriculum that integrates classroom instruction with productive, progressive, supervised, paid work-based experiences in fields related to students' career objectives. Content is planned for students through a cooperative arrangement between the school and employer as a component of work-based learning.

Students participating in Cooperative Education are required to complete a minimum of 270 work-based hours during the school year and attend the Cooperative Education Seminar one class period per week. The Seminar course provides students with the opportunity to discuss workplace issues, submit required reports, and create/maintain a career portfolio. Students will develop additional skills in employability, ethics, personal finance, leadership, teamwork, and technical foundations in preparation for future employment or continuing education.

**Students must submit a completed application to the Cooperative Education Coordinator.
A limited number of applicants will be selected.**

HEALTH SCIENCES ACADEMY

Foundations of Health Sciences

Year

Grade Level: 9-10

Fee: \$20

This course will provide students with an overview of the medical profession, systems of the body, symbols, terminology, legal issues, ethical practices, and wellness and prevention of disease. This course will provide an overview for all aspects of the medical profession and may be used as an alternative to Health.

Health Sciences 2 – Emergency Services

Grade Level: 10-11

Prerequisite: Foundations of Health Sciences

Fee: \$20

This course DOES NOT count as the student's science course.

In this class students will learn to assess an emergency situation and to perform the initial assessment of a victim. The students will be introduced to emergency practices such as moving the injured person. Students will learn the skills required in emergencies such as emergency child birth, poisoning, drug overdose, allergic reaction, cardiac arrest, and bleeding. They will learn anatomy and physiology as it

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relates to emergency medical procedures. They will explore careers in emergency medicine and examine the work place and communication skills required in these exciting careers.

Health Sciences 3- Therapeutic Services

Grade Level: 11-12

Prerequisite: Foundations in Health Science

Fee: \$60

Through lecture and lab activities, this course will introduce students to the role of patient care providers in the clinical setting. This course will focus on clinical skills, on anatomy as it applies to disease processes, and on treatment. This course is principally designed for students who are considering a career in nursing or in other patient care fields.

Health Sciences 4- Internship

Grade Level: 12

The Health Science Internship will allow the Health Science Academy student to shadow a healthcare provider along with classroom instruction. The student will observe a healthcare provider in a clinical setting and will interact with patients. In the classroom, students will discuss what they have observed and will reflect on their experiences and on a healthcare career. Students will also learn job employability skills through classroom activities.

ENGINEERING ACADEMY

Engineering Academy 1 – Introduction to Engineering/Engineering Drawing & Solid Modeling

Grade Level: 9-10

Prerequisite: Admission to the Engineering Academy

Co-requisite: Pre- AP Biology and/or Pre-AP Geometry

Fee: \$25

Specific points of emphasis include teamwork, engineering ethics, and communication skills. This class is designed to introduce students to some of the fundamental tools that are used by engineers in research and industry. The tools to be introduced in this course are sketching and drawing techniques by hand, 2D and 3D computer-aided drawing (CAD), and solid modeling. **Upon completion of this course, rising tenth grade students should be prepared to take the competency exam to fulfill the ½ credit of Computer Applications.**

Engineering Academy 2- Engineering Instrumentation & Analysis

Grade Level: 10-11

Prerequisite: Students must be members of the Engineering Academy

Co-requisite: Pre-AP Chemics or Chemistry and/or Pre-AP Alg. II w/ Trig.

Fee: \$25

This class is designed to give students insight into techniques used for acquiring scientific and engineering data. The students will be introduced to a selection of electrical and mechanical measurement devices. These will include signal conditioning devices, AC and DC motors, etc. Students will utilize a variety of data acquisition and analysis software. Components of the Infinity Project curriculum will be implemented to teach the fundamentals of digital signal processing and automated data acquisition. The first nine weeks of this class will also focus on the BEST Robotics design competition.

Engineering Academy 3- Engineering Computations

Grade Level: 11-12

Prerequisite: Engineering II-Instrumentation and Analysis

Co-requisite: Physics or AP Physics or AP Chemistry and/or AP Pre-Calculus

Fee: \$25

Engineering Computations focuses primarily on computer programming principles and the application of those principles. Students use MATLAB to apply fundamental principles in a text-based, control flow environment and LabVIEW to apply those principles in a block-diagram, data flow environment.

Engineering Academy 4- Engineering Design & Entrepreneurship

Grade Level: 12

Prerequisite: Engineering 3-Engineering Computations

Co-requisite: AP Physics or AP Chemistry or AP Science and AP Calculus

Fee \$25

Engineering Design & Entrepreneurship will provide students with the opportunity to apply what they have learned in the context of a long-term engineering design project. Principles of business and economics pertinent to the engineering profession will be taught and incorporated into the design project. When possible, students will carry a project from design objective to completed product. The first nine weeks of this class will be dedicated to the BEST Robotics competition.

DUAL ENROLLMENT

Technical courses are taught mostly on the Lawson State Technical College campus for students who are seeking advanced technical instruction in a specific career area. Students will leave early or arrive late to school on days that LSTC classes do not meet. Jefferson State Community College will be offering courses on the Spain Park High School campus for students pursuing an academic class.*

** Classes may also be taken at night or on weekends on the JSCC campus.*

**Only open to Juniors and Seniors*

Dual Enrollment Options

Jefferson State Community College /Lawson State Technical College

The following courses will be taught as college-level programs. Students will meet at Lawson State Technical College and attend classes along with full-time LSTC students. Jefferson State Community College courses will be taught on the Spain Park High School campus by a Jefferson State Community College instructor or teacher approved by Jefferson State Community College as a dual course instructor.

Students must qualify for dual enrollment under the terms of the agreement between JSCC or LSTC and Hoover City Schools and have the principal's approval before they can be approved for this program. Parents are responsible for paying the JSCC or LSTC tuition and required fees along with purchasing any required textbooks. Students will receive both high school elective credit and college transcript credit for the successful completion of these courses.

Transportation will not be provided by the school for the dual enrollment courses, so students must have their own transportation to and from the LSTC campus. Jefferson State courses begin or end before or after Spain Park High School normal school hours.

All dual enrollment courses taught on the Spain Park Campus will carry a grade weight of +.50.

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Dual Enrollment Options (On-Campus)

JSCC- ENG 101

English Composition I (3 hours)

Meeting: Daily during school hours

Grade Level: 12 (English 12)

Prerequisite: ACT English sub-score of 20 or passage of the COMPASS placement test at Jeff State and a 3.0 GPA

Cost: \$384 plus book (Tuition and fees subject to change by the State Board of Education.)

English Composition I provides instruction and practice in the writing of at least six extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I may include instruction and practice in library use.

JSCC- ENG 102

English Composition II (3 hours)

Meeting: Daily during school hours

Grade Level: 12 (English 12)

Prerequisite: ACT English sub-score of 20 or passage of the COMPASS placement test at Jeff State and a 3.0 GPA

Cost: \$384 plus book (Tuition and fees subject to change by the State Board of Education.)

English Composition II provides instruction and practice in the writing of at least six formal, analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library use.

Dual Enrollment Options (Off-Campus)

Lawson State Technical College

Please see your counselor for a complete listing of Lawson State Technical College courses for the 2013-2014 school year.

ADDITIONAL ELECTIVES

Scholars Bowl Team (+.50 grade weight)

Prerequisite: 11-12, approval and signature of advisor

Students will practice for and compete in academic competitions. Class will include weekly quizzes on material studied and require substantial memorization. Emphasis will be on quick recall of information. Students will be expected to compete on four to six Saturdays during the school year. Dates will be announced in the fall and attendance at competitions, if selected to participate, is mandatory. Selection for the class does not guarantee that a student will compete in tournaments.

Peer Helping

Grade Level: 10 - 12

Prerequisite: Teacher signature required

Peer Helping provides training for students to enable them to help other students by listening, by referring to an adult who can help, by tutoring, and by participating in activities which encourage healthy lifestyles. The curriculum also includes refusal skills, anger/conflict management, current information on HIV/AIDS, alcohol, tobacco, and illegal drugs, and a service learning requirement. Students applying to be a Peer Helper should have at least a 3.0 overall GPA, a good attendance record, and evidence of previous community service. Peer Helpers also pledge to be drug, alcohol, and tobacco free.

Yearbook Staff

Grade Level: 10 - 12

Prerequisite: Teacher signature required

Yearbook staff members participate in the sales, planning, organization, and production of the *Rosette*. Staff members are chosen for honesty, dependability, and ability to work with a group. Prospective members are required to sell a minimum amount of advertisements. Staff members are required to work extra hours before or after school during production months.

Student Aide, Library

Grade Level: 10 - 12

Prerequisite: Application process; signature of school librarian required

Students will learn the basics of library organization and research strategies through hands-on experiences at the circulation desk and in the computer labs and audio visual rooms. Basic instruction will include lessons on the Dewey Decimal system, Boolean logic, CDROM searching, laminating, book-repair, audio-visual maintenance and repair, and basic computer knowledge. Students will learn valuable job skills and various research strategies.

Science Laboratory Assistants

Grade Level: 11-12

Prerequisite: Science Lab Manager's signature required

This course will allow selected students to assist science teachers with laboratory activities. Lab assistants will help monitor for safety problems, assist individual students in understanding written procedures, supervise clean-up and re-stocking of lab materials at the end of an activity, and dispense materials to students as directed by the teacher. They will also assist the lab coordinator in the set-up of laboratory activities. This course will count as a full-credit elective, **but it cannot be used as one of the four years of science required for graduation.**

Student Aide – Instructional Support

Year

Grade level: 10-12

Prerequisite: Application and Interview

Students serving as aides will be assigned one period per day to work with Spain Park students with learning needs. Students will serve as positive peer models while the students are completing academic

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work, elective classes, and life skill assignments. Students should be people oriented, enjoy working with others, willing to learn how to work with students that have a variety of needs, and be committed to serving as a positive peer mentor.

ZERO PERIOD OPTION

Juniors and seniors who qualify may request classes taught during a zero period scheduled prior to regular first period on Monday, Tuesday, Thursday, and Friday. Zero period on Wednesday will be a weekly e-learning day. Courses offered during the zero period will be determined based on the availability of teachers and the number of students who apply and qualify to attend a zero period class. Approval for enrolling in a zero period course will be based on attendance, discipline, and academic records, and a student/parent contract will be required for all students participating in zero period classes. Enrolling in a zero period class does not automatically allow a student to leave school early. Students requesting early release must follow the established request procedures and are not guaranteed approval. Zero period will allow for students to take eight (8) courses during the school day and provide some students with room on their schedules for additional electives. Counselors will provide additional information as it becomes available.

