

ADMINISTRATIVE STAFF

Thomas Aberli, Principal
Richard Guetig, Assistant Principal
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COUNSELING STAFF

Pat Cantwell
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Policy for Scheduling Consideration

The following information will assist you in completing your schedule for next year. Please give careful thought to your selection of courses.

Students and their parents must assume the responsibility for choosing courses designed to meet graduation requirements. All students must return a signed schedule card (by guardian) to their counselor. If a student does not return a signed schedule card by the deadline, the counselor will complete a schedule for the student.

All freshmen are required to take English, math, science, social studies, health and P.E.

All students are required to choose seven classes. Students receive one credit for successful completion of each class, except for study skills.

Teacher recommendations are required in selected areas (i.e., Advance Program, Advanced Placement classes, IB classes, and specialized electives). If a student does not meet the prerequisites for a class, the student cannot take the class.

Students are responsible for making up requirements previously failed.

Atherton High School Minimum Graduation Requirements

	Credits
English	4
Mathematics	4
(Algebra I, Geometry, Algebra II, Math elective)	
Science.....	3
(Integrated Science or Physics, Biology, Chemistry)	
Social Studies	3
(Survey of Social Sciences, World Civilization and U.S. History)	
History of Arts	1
Health and Physical Education.....	1
Electives.....	6
Total.....	22

A computer class is recommended for all students during freshmen or sophomore year to prepare them for the Technology Assessment test. Two years of the same World Language are required to meet the pre-college curriculum.

Additional Graduation Requirements

In addition to the required credits, all students must achieve the following:

1. Score Apprentice, Proficient, or Distinguished level in reading on the Statewide Assessment Test.
2. Score Apprentice, Proficient, or Distinguished level in mathematics on the Statewide Assessment Test.
3. Score Apprentice, Proficient, or Distinguished level in On-Demand Writing on the Statewide Assessment Test.
4. Turned in a Completed Senior Writing Portfolio

Grade Level Breakdown

FRESHMEN	0 –4.99 credits
SOPHOMORE	5-10.99 credits
JUNIOR	11-15.99 credits
SENIOR	16 + credits

Advance Program Diploma Requirements at Atherton

A minimum of 12 credits in the Advance Program must be earned in at least three of the following areas: English, science, mathematics, world languages, and social studies. Students must maintain a minimum accumulative overall GPA of 3.0 on a 4.0 scale to stay in the program. Students in the program that are not taking IB English, IB History and or IB Physics will be taking Advanced Placement U.S. History, Advanced Placement Physics and Advanced Placement Senior English. Advanced Placement World Civilization and Advanced Placement Geography.

	Credits
English	4
Mathematics	4
Science.....	3
Social Studies (Survey of Social Sciences, World Civilization and U.S. History)	3
Advanced Humanities	1
World Language.....	3
(3 credits of the same world language or 2 credits each of 2 different world languages)	
Health and Physical Education.....	1
Electives.....	3
Total.....	22

Honors Program Diploma Requirements at Atherton

Students must maintain a minimum GPA of 2.5 on a 4.0 scale and meet honors program requirements to receive an Honors diploma.

	Credits
Honors English	4
Honors Mathematics.....	4
Honors Science.....	3
Honors Social Studies	3
Fine Arts.....	1
Computer Course.....	1
World Language (2 years of same language)	2
History of Arts	1
Health and Physical Education.....	1
Electives.....	2
Total.....	22

International Baccalaureate Program

The International Baccalaureate is a rigorous, internationally recognized two-year program culminating in examinations. This program is open to highly motivated, self-disciplined students who have the academic potential to complete a challenging course of study.

Diploma candidates take these IB courses: English, math, biology, history, French or Spanish, and an elective of Computer Science, physics or music. In addition, Diploma candidates write an Extended Essay, take a course called Theory of Knowledge, and are responsible for 150 hours of community service.

An initial fee of \$45 is charged for each IB course that will be tested at the end of that school year.

Students will be required pay an additional \$45 for each exam at the time of testing. The school will pay the \$129 test registration fee for students. If students fail to take any IB tests the students will be responsible for reimbursing the school the test registration fee.

We encourage students to pursue the International Baccalaureate Program Diploma. However, students may pursue certificates in single IB subjects.

International Baccalaureate Courses

International Baccalaureate English

IB English 11

IB English 12

International Baccalaureate Mathematics

IB Mathematics (Pre-Calculus)

IB Mathematics (Calculus)

International Baccalaureate Science

IB Biology 11

IB Biology 12

International Baccalaureate Social Studies

IB History 11

IB History 12

International Baccalaureate World Languages

IB French 11

IB Spanish 11

IB French 12

IB Spanish 12

IB German 11

IB Japanese 11

International Baccalaureate Electives

IB Computer Science

IB Physics

IB Prerequisites

Students must meet specific requirements for admission to IB classes. A student must have a 3.0 GPA, teacher and IB coordinator recommendation, principal approval, and the following prerequisites:

IB English	The candidate will respond to a brief literary passage in a timed writing.
IB Pre-calculus	“A” average in advance algebra 2
IB History	A” average in advance world history
IB Biology	“3.5” average in advance biology and advance chemistry
IB Physics	“3.5” average in advance biology and advance chemistry, grade of B in Adv. Program Algebra II or TA, concurrent enrollment in or completion of Adv. Program, AP, or IB Pre-Calculus required.
IB Spanish / IB French	Students must sit for an oral and written entrance exam.
IB German / IB Japanese	Students must sit for an oral and written entrance exam.
IB Theory of Knowledge	Three IB courses or more

Students transferring from another Jefferson County Public School, a private school, or a public school outside of Jefferson County will have a meeting with a counselor and the International Baccalaureate Program coordinator to determine if prerequisites have been met. A current transcript must be presented and course descriptions from the prior school must be received in order to determine if the curriculum has prepared the student for the rigors of the International Baccalaureate Program. A student must have a 3.0 GPA. Only students in three IB courses or more will be allowed to take Theory of Knowledge.

Advanced Placement Program

The Advanced Placement Program is a collaborative effort among motivated students, dedicated teachers, and committed high schools, colleges and universities. Since its inception in 1955, the Advanced Placement Program has allowed millions of students to take college-level courses and exams and to earn college credit or placement while still in high school. Each Advanced Placement course has a corresponding AP exam that students will take in May. AP Exams represent the culmination of the AP course and are thus an integral part of the program. Students that meet the requirements can take the following Advanced Placement courses.

- Advanced Placement World History (10)**
- Advanced Placement U.S. History (11)**
- Advanced Placement French IV, V (12)**
- Advanced Placement Spanish III, IV (11, 12)**
- Advanced Placement Physics (11, 12)**
- Advanced Placement Calculus (12)**
- Advanced Placement English Language (11)**
- Advanced Placement English Literature (12)**
- Advanced Placement Human Geography (9)**

SELECTED COURSE DESCRIPTION

(upon request all course description will be made available)

ART

Introduction to Art- 68110013 Fee \$30.00

This course teaches foundations of art. It focuses on the development basic of art skills. Students receive instruction and create works in both 2 and 3 dimensions. Areas of study include design, drawing, painting, printmaking, ceramics, sculpture and textiles. This course is for those with little or no art background but would like to explore the field of art.

General Art I – 48110013 Fee \$ 30.00

This course is a studio class that enable students to develop, and maintain, a portfolio of their work. Areas of study include design, drawing, painting, printmaking, ceramics, sculpture and textiles Art history, critical analysis including writing samples and artist statements will be required. This is for those students who might want to consider art as a career. Accordingly, the student will keep a portfolio and digital images for future use and admittance into Art II.

Art II - 48120013 Fee \$ 30.00

This is a rigorous second level course in which students gain a working knowledge of the studio environment. The course introduces students to challenging studio problems in at least three of the art areas: drawing, painting, printmaking, ceramics, sculpture, and textiles. Students learn how to research the art materials and processes needed in making their art work. Students continue to build their personal portfolio and will participate in an art opening during the spring semester which showcases their best works. **Prerequisite: Art I and an acceptable portfolio review by Art Department Staff. *Portfolio standards can be attained from the Art Department staff. (Students taking Art I during the school year who did not complete a portfolio must have received a B average in art for entrance into Art II)**

Art III- 48130013 Fee \$ 40.00

This course is designed for students considering a career in the visual arts. It is an advanced study of art genres in which the student works independently on student-/teacher planned projects reflecting the interest of the individual artist. The course instructs students on advanced problem solving in the studio. Students are required to research and write about and solve specific problems as they develop their products. Areas of study include drawing, painting, printmaking, ceramics, sculpture, and textiles and photography. Students continue to build a portfolio focused on college entrance requirements and participate in a spring semester art opening that showcases their best works. **Prerequisite: Art I, Art II and approval of portfolio by the Art department staff. **Portfolio standards can be attained from the Art Department staff.**

Senior Portfolio Building Seminar Art IV-48140013 / Advanced Placement Studio Art- 48144263 Fee \$40.00

These are advanced courses in art in which the student works on student-/teacher planned, and individually

selected problems to develop art products that reflect the interest and talent of the individual. The student in Art IV is expected to complete a portfolio of artwork geared towards entrance into a post secondary career path including a digital portfolio. The course includes visits from local and nationally known art institutes and colleges that present lectures and information about entrance requirements. Students in this class are required to participate in an art opening in the spring semester showcasing their main genre of study. **Prerequisite: Art I and Art II, Art III and an acceptable portfolio review by Art Department staff. ** Portfolio standards can be attained from the Art Department staff**

Photography-48120313-: Fee \$40.00 This is a studio course in which students will learn to use a film camera, developed film, and enlarge photographs in a darkroom. Students will also learn to use digital photography with Photoshop to manipulate images on the computer. In addition to the class fee, students are required to purchase a film camera and must have access to a digital camera. Other costs include purchasing film and other small miscellaneous purchases .

BUSINESS- \$15.00 per course

International Business Exploration -45027243

This course will focus on a 12-week rotation that will allow students the opportunity to study: **Exploratory Computers, International Studies, and Basic Principles.** **Exploratory Computers** is designed to provide the student with hands on illustrations in the areas of: keyboarding, word processing, database, and spreadsheets through the Microsoft office software package. **International Studies** is designed to help students: claim their self-esteem, identify their individual talents, create the internal motivation and drive to expand those talents, assume responsibility for themselves, and interact responsibly with others. Students develop specific skills enabling them to internalize and use, in all aspects of their lives, the following abilities. **Basic Principles** provides the students with a survey of skills needed for school to work transition. Students will explore and examine time management, problem solving and decision-making skills as well as learning money management skills. **GP 9**

Computer Tech Applications - 45015943

This course is designed to provide students with entry-level experience with practical applications through hands on use of word processing, spreadsheets, graphs, database management, and desktop publishing. Also included is a study of computer terminology, concept of computer systems for business and/or personal use, and care of hardware and software. Course can count as a computer credit in the honors program. **GP 10,11,12**

Consumer Economics -45127443

This economics course is one part of the core content of Practical Living/Vocational Studies. This course will focus on the areas of consumer science and vocational studies. **GP 10,11,12**

Business Law - 45026843

This course develops an understanding of legal rights and responsibilities in personal and business law with

applications to everyday roles as consumer, citizens, and workers. The student studies the American legal system and the rights and responsibilities of individuals and businesses including ethical and social issues. The Business and Personal Management course is designed to provide a clear understanding of the characteristics, organization, and operations of managing a business including the individual skills that are necessary to be successful in the business world. **GP 11,12**

Accounting I and Finance Foundations I - 45016143

The accounting principles taught in this course are based on a double entry system that will be learned on the computer. Students will learn how to electronically prepare worksheets, journals, ledgers, payroll taxes, and financial statements for a sole proprietorship, partnership, and corporation. **GP 11, 12, TA**

Financial Accounting II- 45026143

Accounting II is designed to enable the student to review the accounting cycle; analyzing financial statements, business data processing, controlling cash, payroll accounting, controlling purchases and sales, the voucher system, controlling accounts receivable and notes payable, accounting for fixed assets, the accrual basis of accounting, partnerships, corporations, control of inventory, special types of sales, and cost accounting. **GP 12**

Business Entrepreneur - 45026943

Students will study business ownership and general accounting principles related to financial statements. Each person will learn how to develop his her own business by building a business on paper and making a presentation to a committee. Units on employability training, customer service and team building skills will be included. Students will have an opportunity to own and operate their own business and participate in a computer simulation game. **GP 11, 12**

UPS Internship Program - 45334743

This program is designed to provide extensive work experience and job shadowing opportunities with United Parcel Service. Students receive related instruction in employability and life skills through the UPS mentoring component. School personnel serve as a liaison with UPS and the JCPS School-to-Work office. **GP 12**

Business Management COOP - 45334713

This course emphasizes the skills needed to be successful in the business world as both an employer and employee. It will also provide instruction on how to locate and pursue employment opportunities and how to remain a valuable asset in the workplace. Students will study the different forms of business ownership, human relations skills and the management strategies used in personnel, finance, production, marketing and information processing. In order to participate in the Coop-program students must: (1) be a senior, (2) maintain a 2.0 GPA, (3) maintain a 95% school attendance, and (4) have employment in the business sector. An application must be completed prior to acceptance into the program course described above. **GP 12**

EDUCATION ACADEMY

Exploring Education I- 45218543

This entry-level course is exploratory in nature. Through in-class visitor presentations and experimental field trips students will become aware of the many educational careers available to them. In-class activities will help them recognize their own strengths and challenges within those professions. They will learn and implement the skill sets necessary to complete successfully this four-year program and transfer into teacher education programs at 2 and 4-year post-secondary institutions. Students will be required to work with younger students for a minimum of 5 hours throughout the year.

Exploring Education II- 45228543

The tenth grade student will continue the exploration of teaching opportunities in the community while tutoring a specific child. Students will have a different tutoring experience each grading period for a minimum of 10 hours throughout the year. Academic content will concentrate on the education of the ECE students and critical thinking/problem solving. Academy students will maintain a level of academic competency in all courses that will allow them immediate access to post-secondary teacher education programs.

Exploring Education III- 45238543

The junior student will develop an understanding of educational philosophies and theories, do an in-depth study of curriculum mapping and strands, and develop mini-lessons for activities and to promote learning. Each student will be placed in an elementary or middle school of their own choice to volunteer 3 hours per week as an aide (mid-October to late March). This course is a two-period block to provide time for class work, transportation, and work. The student must provide their own transportation to and from the site. **Prerequisite: Minimum 2.0 G.P.A.**

Exploring Education IV- 45248543

The senior level EMCA student will develop an educational portfolio to be juried by a selected team of college professors. The portfolio will contain essays on philosophy and theory, journal entries, lessons created, and evaluations from mentoring teachers assistant up to 10 hours a week(early October to late March). This course is a three- period block to provide time for class work, transportation, and work. The student must provide their own transportation to and from the site. **Prerequisite: Minimum 2.00 G.P.A.**

Peer Tutoring - 45034643

Peer tutoring is a credited elective course for students without disabilities to gain experience working with same-aged students who have disabilities and are in Functional Mentally Disabled (FMD) classroom. Peer tutors have been shown to help students with disabilities improve their skills in the areas of social interactions, academics, community involvement, and vocational skills. This course is typically open to high school juniors and seniors. Level I Peer Tutoring is taken by juniors and Level II Peer Tutoring is taken by seniors.

ENGLISH

Theater Arts I- 42350113 Fee \$ 10.00

Students in TA1 will learn the basics of acting through theatre games, improvisation, mask work, voice development and scene work. This is a performance class. The students will also learn aspects of play production, the history of theatre, and elements of production (sets, makeup, lighting, sound, costumes, props). The class will present a showcase performance at the end of the year.

Theater Arts II –42350313 Fee\$10.00

Students in TA2 will continue work that began in TA1. The student will work on developing physical aspects of a character, how to maintain a character for the full length of a play, mask characterization and more extensive physical work needed in performance. Elements of Shakespeare and Commedia will be explored. The class will end with a showcase performance at the end of the year.

Requirements: Theater Art I or permission of the instructor.

Theater Arts III- 48530213 Fee \$10.00

Theater Arts IV- 48540213 River City Players

TA 3 & 4 is the top class in the Theatre Arts program. Admittance is by audition. Students will be judged on their skill level, vocal quality, and reasons for wanting to be in the RCP. Audition dates will be announced in the spring. Students in TA 3 & 4 will do more extensive work in acting, intense vocal work, and develop physical skills necessary for the highest quality stage work. Students will also be required to write a one-act play that may be produced by the class. Students in TA 3 & 4 will be required to stay after-school each day until 4:00 for rehearsal.

Open to 11th and 12th graders.

Stagecraft Class – 48510513 Fee \$ 30.00

Students in this class will learn through classroom work and hand-on experience the elements of lighting design, set design and construction, costume design and construction, and stage management. Stagecraft students will include providing technical design and support for student written one act plays. Students in Stagecraft will be required, as part of their class work and grade, to stay after school. Anticipated field trips will include Actors Theater of Louisville scene shop, EFX studio, and Kentucky Center for the Arts, and the Brown Theatre. **Open to 10th, 11th and 12th graders.**

Journalism - 42313113

This course is a publication class, part media study/critique class, and part media business class. Students will conduct interviews, collect data, research topics, and organize/produce findings while designing and producing The Aerial newspaper. The course is organized and structured on a workplace model in which students are held accountable to each other. Interested students must be self-motivated, creative, responsible, and capable of writing objective news articles, editorials, columns, features, etc., while selling newspaper advertising within short durations of time, consistently meeting strict deadlines for editing and publication. Students will produce at least six newspapers and media websites, one for each six-week grading period.

TA

Yearbook Staff -42320713

This course is designed to give the student experience in computer publishing by producing the school yearbook. The students create layouts using Adobe In Design, take photos with a digital camera, edit photos using Adobe Photoshop, write copy, and sell advertising. Students are assigned either editor or staff positions based on experience and proven performance. Applicants must be responsible and work well in groups. Applications (available in the counseling office) must be submitted during the scheduling process. Interviews and teacher recommendations are required before being selected.

Poetry/Creative Writing - 42333513

This course will explore various dimensions of creative writing with an emphasis on student publications. Students will be reading works from different genres including but not limited to poetry, short fiction, and novel length work. Students will focus on the study of form, purpose, imagery, and the social/cultural aspects of creative writing. Students will choose at least one writer to study in depth. All students will be required to write creative pieces, as well as analytical papers focusing on creative writing. Readings will include world literature, British and American works, as well contemporary writing.

Speech and Debate -42351313

This course focuses on the study of interpersonal and inter-group dynamics and the use of oral communication to represent thoughts and feelings. This course offers training in small group dynamics, listening skills, critical analysis, oral interpretation, information gathering and organizing, and physical training in body and voice. Other rhetorical skills are taught for use in noncompetitive and competitive debate.

African American Literature- 42350213

The primary focus of this course is to study the works of African and African American writers who have influenced our literature and culture. A variety of genres and time periods will be studied, from Negro spirituals and work songs to the contemporary authors of today.

ESL

Ramp- up to Advanced Literacy I - 43614023

This two period course boosts the literacy level of intermediate level ESL freshmen in stanines 2 and 3 to grade level over two years.

ESL 1 – 43613123

This two period class is for students entering Atherton directly from the Newcomer Academy. It is for students who have entry level skills in speaking, reading and writing. It will emphasize vocabulary development, basic sentence structure, grammar and punctuation.

ESL 2 - 43623123

This two period class is for students who are very strong orally, but need help in reading and writing. Further grammar work, improved vocabulary and writing strategies for portfolios are emphasized.

ESL III - 43623323

Intermediate level ESL. This one-period class focuses heavily on reading strategies, including vocabulary building, improved reading speed and comprehension and understanding more difficult words and abstract language.

ESL IV - 43623423

This one period class also focuses heavily on reading strategies and vocabulary building, especially using text in content area classes, science, social studies and literature.

Portfolio Writing 2 - 43624023

Writing strategies for ESL sophomores - This class is for sophomores already in a regular English class. It supports them through the portfolio writing process.

Portfolio Writing 3 - 43634023

Writing strategies for ESL juniors. This class is for juniors already in a regular English class. It supports them through the portfolio writing process.

Portfolio Writing 4 - 43644023

College and work preparation for ESL seniors preparing for college and work. Focus on ACT - SAT preparation, vocabulary building, scholarship preparation, college applications, resume building, job search.

ESL Study Skills -43614023

This class is primarily for ESL students who need additional support in content area classes. The class will focus on helping students understand their work in Social Studies, Science, Humanities and English.

World Language Course Descriptions

Fee- \$15.00 per course

Chinese

Chinese I – 42403113

Chinese II – 424033213

Chinese III - 42403313

Chinese IV - 42403413

These courses enable students to learn proper language usage in order to interact with Chinese speakers of different ages and social status. Students will learn cultural and linguistic nuances. For effective interpersonal and interpretive communication, students will become aware not only of the differences between formal and informal speech patterns and also in the power of the unspoken aspect of the Chinese language. Students will also experience written documents ranging from literary texts to writings in the spoken form and demonstrate command of everyday spoken Chinese and formal written Chinese. Through a thoughtful integration of culture and language study, students will gain clearer insights and a better understanding of one of the oldest human civilizations.

French

Beginning French I- 42406133

Is an introduction to the language & cultures of the French-speaking world. The course emphasizes the student's initial development of the interpersonal, interpretive and presentational modes of communication, and an

understanding of other people's worldviews, their way of life and their patterns of behavior.

Advance Program Beginning French I- 42406193

Is designed for the Advance Program student, follows the same curriculum as Beginning French I, but emphasizes developmental mastery of the three modes of communication, and includes readings such as short stories or poetry. Prerequisite: Advance Program Standing (or admin approval).

Developing French II – 42406233

Part of the continuing sequence of study begun in Beginning French I, the course offers students opportunities to improve in the three modes of communicating in French and increase their knowledge and understanding of the relationship of cultural products, practices and perspectives of the French-speaking world. **Prerequisite: 42406133**

Advance Program Developing French II -42406293

Follows the same curriculum as Developing French II but introduces some literature of the French-speaking world. Students begin to learn to interpret various cultural products, practices and perspectives of French-speaking peoples. **Prerequisite: 42406193**

After two years, students will choose **either** IB French **or** **continue in** Expanding & Refining levels III, IV & V

IB Expanding French III-42406373/ IB Refining French IV-42406473

Students should have a high level of fluency in order to manipulate linguistic structures to express thoughts in a range of contexts and for many purposes, primarily in spoken and written communication. The overriding goal in Language B at the Standard Level focuses on communicative competence. **Prerequisites: 42406193; 42406293; entrance exam.**

Expanding French III – 42406333

Continues the development of the three modes of communication with the introduction of specialized vocabulary and advanced language structures. Students will expand cultural knowledge and learn to interpret the varied products of French-speaking civilizations, such as music, films, newspapers, literary texts, architecture, and inventions, in terms of underlying cultural values and attitudes. **Prerequisites: 42406133; 42406233**

Advanced Program Expanding French III -42406393

Follows the same curriculum as Expanding French but also probes selected French-speaking writers who depict the changing face of French-speaking societies and an awareness of France's own diverse cultural identity. **Prerequisites: 42406193; 42406293**

Refining French IV – 42406433

Continues the development of the three modes of communication via the study of the history and the literature of French-speaking peoples. Students will explore the interrelationship of ideas and values in order to explain “why” and to anticipate “how” particular cultures will respond to events, problems and questions. **Prerequisites: 42406333; 42406233; 42406133**

Advanced Placement Refining French IV - 42406663

Follows the same curriculum as Refining French IV, but emphasis will be placed on the presentation of information, concepts and ideas in spoken and written form. This will include oral presentations and the writing of a variety of texts in order to prepare students for the College Entrance Examination Board AP French Language test. **Prerequisites: 42406393; 42406293; 42406193**

Refining French V - 42406533

Allows students to refine the three modes of communication via a continued, richer study of the history and the literature of French-speaking peoples. This course will help students analyze social, economic, geographic and historical factors that affect cultural products and practices in various French-speaking countries. **Prerequisites: 42406433; 42406333; 42406233; 42406133**

Advanced Placement Refining French V - 42406763

Follows the same curriculum as Refining French V, but emphasizes creative responses and understanding of language use and cultural knowledge. This will include creating original works or performances in French. **Prerequisites: 42406493; 42406393; 42406293; 42406193**

German

Beginning German I - 42407133

Is an introduction to the language and cultures of the German-speaking world. The course emphasizes the student's initial development of the interpersonal, interpretive and presentational modes of communication and an understanding of other people's worldviews, their way of life and their patterns of behavior.

Developing German II - 42407233

Is a part of the continuing sequence of study begun in Beginning German. The course offers students opportunities to improve in the three modes of communicating in German and increase their knowledge and understanding of the relationship of cultural products, practices and perspectives of the German-speaking world. **Prerequisite-42407233**

Expanding German III - 42407333

Continues the development of the three modes of communication with the introduction of specialized vocabulary and advanced language structures. Students will expand cultural knowledge and learn to interpret the varied products of German-speaking civilizations, such as music, films, newspapers, literary texts, architecture, and inventions, in terms of underlying cultural values and attitudes. **Prerequisite: 42407233**

Refining German IV - 42407433

Continues the development of the three modes of communication via the study of the history and the literature of German-speaking peoples. Students will explore the interrelationship of ideas and values in contemporary Germany in order to explain "why" and to anticipate "how" particular cultures will respond to events, problems and questions. **Prerequisites: 42407333; 42407233; 42407133**

IB German 3

German 3 IB is open to all students who passed German 2 and who are interested in refining his/her German communication skills. This course offers students an opportunity to refine the skills learned in the first two years in order to become more proficient in all aspects of the language. Emphasis is placed on all skill areas—listening, speaking, reading, and writing. Vocabulary and grammar will be part of larger cultural units which will allow students to express themselves on various German topics. Students will also study the cultural history of Germany. Important literary works and their authors are also introduced as part of the cultural component. Students are expected to use German to communicate in the classroom with the teacher and with other students at all times. This course will prepare students to communicate in authentic situations and to achieve high marks on the Senior IB German exam.

Japanese

Beginning Japanese I - 42410133

Students will develop their listening, speaking reading, and writing skills in Japanese through hands-on, student centered learning activities. Particular emphasis will be given on mastery of both the Hiragana and Katakana writing systems, as well as approximately 100 basic Kanji. Students will also gain a better understanding of and appreciation for traditional and contemporary Japanese culture.

Developing Japanese (Level II) - 42410233

This course continues the development of the four modes of communication through interactive activities and exposure to authentic materials. Students will gain the skills and confidence necessary to interact in basic survival situations. Approximately 100 additional Kanji will be presented. Various cultural activities will allow students to expand their knowledge of Japanese culture. **Prerequisites: Beginning Japanese I**

Intermediate Japanese (Level III)– 42410333

This course will focus on increasing students' vocabulary as well as Kanji recognition and production. Approximately 100 additional Kanji will be introduced. Complex grammatical patterns will be analyzed and used in realistic situations. Students will begin to explore the wide range of speech registers and the sharp distinctions between formal and informal language. Japanese culture will be explored through folktales and short stories. **Prerequisite: Japanese 1 and Japanese II**

Refining Japanese(Level IV)- 42410433

Students will polish their listening, speaking, reading and writing skills through analysis of complex grammatical constructions, analyzing and applying information intended for native speakers, and by comprehending and responding to formal documents, letters, and forms. Emphasis will be placed on increasing students' recognition and production of Kanji characters, of which an additional 100 will be introduced in this course. **Prerequisite: Japanese I, II and III.**

IB Japanese 3

Japanese IB 3 is open to any student who has passed Japanese 2 and who is interested in refining his/her Japanese communication skills. There will be a strong emphasis placed

on speaking ability, especially the difference between polite and casual speech forms. Vocabulary and grammar will be part of larger cultural units which will allow students to express themselves on various Japanese topics. Students will be expected to give oral presentations in class in Japanese. Students will be required to know 200 Kanji more than learned in level 2 for IB Japanese 3 and an additional 200 Kanji for Japanese 4. This course will prepare students to communicate in authentic situations and to achieve high marks on the Senior IB Japanese exam.

Spanish

Spanish Advance Program students must take 3 years of the same second world language as part of the AP diploma requirements, but the classes does *not* have to be at the AP level. Students enrolled in AP Spanish classes must sit for IB or AP language exams during the senior year. AP students not planning to sit for either exam should enroll in the non-AP courses.

Beginning Spanish I - 42419133

Is an introduction to the language and cultures of the Spanish-speaking world. The course emphasizes the student's initial development of the interpersonal, interpretive and presentational modes of communication and an understanding of other people's worldviews, their way of life and their patterns of behavior.

Advance Program Beginning Spanish I - 42419193

Designed for students planning to sit for IB or AP language exams during the senior year. It follows the same curriculum as Beginning Spanish I but emphasizes developmental mastery of the four communicative skills (reading, listening, writing and speaking).

Developing Spanish II - 42419233

Is a part of the continuing sequence of study begun in Beginning Spanish I. The course offers students opportunities to improve the four communicative skills (reading, listening, writing and speaking), and increase their knowledge and understanding of the relationship of cultural products, practices and perspectives of the Spanish-speaking world. **Prerequisites:** 42419133

Advance Program Developing Spanish II - 42419293

Designed for students planning to sit for IB or AP language exams during the senior year. Follows the same curriculum as Developing Spanish but introduces some literature of the Spanish-speaking world. Students are introduced to the history of the Spanish-speaking world through literary works. **Prerequisite:** 42419193

Expanding Spanish Level III - 42419333

Continues the development of the four communicative skills (reading, listening, writing and speaking) with the introduction of specialized vocabulary and advanced language structures. Students will expand cultural knowledge and learn to interpret the varied products of Spanish-speaking civilizations, such as music, films, newspapers, literary texts, architecture, and inventions, in terms of underlying cultural values and attitudes. **Prerequisite:** 42419233

Refining Spanish IV 42419433 and V 42419533

This course allows students to refine the four communication skills (reading, writing, speaking and listening) through a continued, richer study of the history and the literature of Spanish-speaking peoples. This course will help students analyze social, economic, geographic and historical factors that affect cultural products and practices in various Spanish-speaking countries. **Prerequisite:** 42419333

Advance Placement Expanding Spanish III –42419663 and Advance Placement Refining IV - 42419763

The AP Spanish language course main objective is for students to achieve a high level of ability in all four-communication skills (reading, listening, writing and speaking). This course is comparable to a third-year university course with an emphasis on conversation and composition. Students who take an AP course may receive college credit if they take the College Entrance Examination Board AP Spanish Language test and pass it. Students must have a high level of motivation and interest, and willingness to devote the time required to become successful. **Prerequisites:** 42419193, & 42419293

IB Expanding Spanish III – 42419363 and IB Refining Spanish IV - 42419573

All IB diploma students are examined in a second language. Several options accommodate bilingual students with a very high level of fluency, genuine second language learners with previous experience of learning the language, and beginners. The principal goal is to enable students to use the language in a range of context and for many purposes; the courses focus on written and spoken communication. **Prerequisites:** 42419193, & 42419293; **entrance exam.**

Beginning Spanish for Spanish Speakers (Level I) - 42410933

This course is designed specifically for students whose native language is Spanish to help them develop, maintain and enhance proficiency in Spanish. Students will increase their interpretative, interpersonal and presentational communication skills in a variety of contexts for a variety of audiences (e.g., family, school, immediate community). Students will explore the cultures of the Hispanic world including their own to enable them to explore the interrelationships between language, culture and identity.

HEALTH AND PHYSICAL EDUCATION

Advanced Physical Education II- 48820013

Advanced Physical Education III - 48830313

This course emphasizes physical fitness and refinement of skills, rules, techniques and strategies for team sports such as soccer, field hockey, flag football, softball, basketball, and volleyball. Activities may vary according to the individual needs of the students.

Weightlifting - 48840013

This course is a health class that promotes the benefits of Physical Health through weight lifting, nutritional education, and strength training. The class is designed to help students improve flexibility, strength, and endurance as well as develop life long fitness skills.

HUMANITIES

Theory of Knowledge - 48040973

IB diploma candidates are required to take the Theory of Knowledge course in their junior year. It is a key element in the educational philosophy of the IB. The purpose of the course is to stimulate critical reflection on the knowledge and experience of students both in and outside the classroom. It is meant to encourage students to acquire a critical awareness of what they and others know, through analyzing concepts and arguments and the bases of value judgments. In effect, it is the mortar, which holds the curriculum building blocks together. The class is open to Junior IB certificate candidates that are taking three or more IB classes who are not full IB diploma candidates depending on class size. Priority is given to full IB diploma candidates. Humanities core content is embedded in the curriculum.

MATHEMATICS- Fee \$10.00 per course

Advance Placement Statistics- 42750163

AP Statistics is an elective math credit for the student completing Algebra 2 and wanting to get college credit for a Statistics class. Content includes sampling techniques, relationships between variables, probability, random variables, confidence testing, hypothesis testing, confidence intervals, significance tests, and regression and variance analysis.

Basic Programming - 45639813

This course is a study of computer programming in the language QBASIC, stressing problem solving and analysis. A student must be enrolled in or have completed Algebra II with at least a B.

International Baccalaureate Computer Programming - 45641073

This course deals with the use of computers and their applications in every field of human activity. This course includes a study of computer programming in the language of C++, stressing problem analysis and a structured approach to programming. Students must have completed Q Basic with at least a B or must be enrolled in a Calculus Class.

Visual Basic Programming - 45639813

The experienced programming student will continue his/her studies in programming through the current avenue of visual interfacing. The student will contract for independent project oriented assignments and real-world applications. The programming teacher must recommend the student.

College Preparatory Algebra - 42740013

College Preparatory Algebra is designed for students who have completed Algebra I, Geometry, and Algebra II, are college bound, and who have not mastered the mathematics concepts needed for success in college level mathematics. The course reviews and extends the concepts taught in Algebra I and Algebra II and includes a unit on preparation for the SAT and ACT tests. **Prerequisites: Passing grades in Algebra I, Geometry, and Algebra II.**

Honors Pre-calculus - 42740233

This class teaches the same content as Advanced Program Pre-calculus, but with more emphasis on basic algebraic skills to help students prepare for a college level course.

Advance Program Pre-calculus – 42740293

Advance Program Pre-calculus includes a review of basic concepts of functions, circular functions including trigonometric applications, conic sections, polynomial and rational functions, and logarithmic and exponential functions; sequences, series, and summations; vectors, lines, and planes; matrices and linear transformations; conic sections; graphing in three-space and introduction to limits and calculus. Problem-solving techniques, reasoning, and mathematical communication and connections are integrated throughout the course. **Prerequisite: Advance Geometry and Advance Algebra 2.**

Honors Calculus- 42750233

This course is similar to the first half of a college calculus course. It begins with a review of basic concepts in algebra and trigonometry, and then proceeds to core concepts of calculus such as derivatives, limits, and integrals. The emphasis of the course is on problem-solving and critical thinking skills. **Prerequisite: Successful completion of Pre-calculus.**

International Baccalaureate Pre-calculus-42740273

This is the first year of a two year course. The goal of the course is to provide students with a sound mathematical background by introducing a broad range of mathematical concepts with further study in Calculus. The course focuses on algebra, functions and equations, matrices, statistics and probability, and circular functions and trigonometry. The emphasis of the course is on problem-solving, applied mathematics, and preparation for the IB Exam the following year. **Prerequisite: Students must maintain an “A” average in Advance Geometry and Advance Algebra 2 or have teacher recommendation from these classes.**

AB Advanced Placement Calculus-42750363

Advanced Placement Calculus is for the college bound student. It includes the study of functions; limits of functions; differentiation and integration of selected functions, including algebraic and transcendental functions; applications of the derivative; special methods of integration; numerical methods, iteration; applications of the integral. This course is equivalent to a Calculus 1 course in college. Students take the AB Advanced Placement test at the end of this course. **Prerequisite: Advance Pre-calculus or teacher recommendation. GP 12**

IB Calculus -42750273

IB Calculus is for the college bound student. This course covers the same basic material as the AP Calculus and students must prepare a portfolio of 2 pieces for internal assessment. This course is equivalent to a Calculus 1 course in college. Students will take the IB Mathematics Methods Exam at the end of this course. It is a test that covers both IB Pre-Calculus as well as IB Calculus. **Prerequisite: IB Pre-calculus GP 12**

SCIENCE- Fee \$10.00 per course

Special Topics in Marine Biology - 44141013

A special topic in Marine Biology class is intended for juniors and seniors who are interested in the field of marine biology. Students must have successfully completed three

science credits or be taking their third science credit concurrently with this class. In this course the fundamentals of science such as the scientific method and basic physical science are used as a foundation for understanding marine biology. The main focus of the course is the ecology of the marine environment that is, the ways in which marine organisms interact with their physical environment. Emphasis will be placed on the importance of marine ecosystems to terrestrial ecosystems and to humankind. Field trips will be taken to outstanding regional aquaria. **Prerequisite: Biology, GP 11,12**

Forensic Science - 44142013

Forensic Science is a course in which students use hands-on analysis and case-studies to investigate the many aspects of the subject. These topics include significance and analysis of physical and trace evidence of a crime scene, investigation and uses of drug, toxicology, serology, and DNA analysis, and how to use fingerprints in solving a crime. Arson, document examination, computer forensics, and careers in forensic science are also explored. **GP 12**

Anatomy and Physiology / Honors Anatomy and Physiology - 44140033

Anatomy and physiology deal with the structural and functional aspects of the human body's nine systems. This course offers laboratory activities, including dissections, which are coordinated with each of the systems. **GP 12**

Advanced Placement Chemistry II - 44240163

This course enables the student to work independently and to use advanced techniques to study the properties of solutions, concentrations, molecular weight, determinations, ionization constants, hydrolysis, buffers solubility products, and electrochemistry. Topic includes organic chemistry, thermodynamics, kinetics, equilibrium, oxidation-reduction, and selected optional topics. This course will meet Advance Program requirements.

IB Physics - 44340473

IB Physics covers such topics as measurement, mechanics, thermal physics, and properties of matter, waves, electricity and magnetism, and atomic and nuclear physics. The course approaches physics as a combination of complementary activities—the understanding of the laws of physics, experimental skills, and the social and historical aspects of physics as an evolving body of knowledge about nature. **Prerequisite: 3.5 average in Adv. Program Biology and Adv. Program Chemistry Concurrent enrollment in or completion of Adv. Program Pre-calculus recommended**

Experimental Science: IB Biology, Higher Level, Grades 11 44120173 and 12 44130473

Higher level International Baccalaureate Biology is a two-year course of study which emphasizes basic biochemistry, cell structure and function, genetic patterns of inheritance, plant form and function, evolution, ecology, animal physiology and the international nature of science. An interdisciplinary group project helps students realize that one discipline is not isolated from another and that scientists can work together on problems to discover solutions to a common goal. Requiring structured labs, research papers and experimental design projects emphasizes laboratory work. Instruction is student-centered

with cooperative learning as well as teacher directed, thus offering the student a college-level biology experience. Students will sit for the higher level International Baccalaureate Biology exam in the spring of their senior year.

Advanced Placement Biology II - 44130463

This course includes ecology of lakes and streams with special reference to physical and biological factors; endangered species biology; shark anatomy and physiology; and comparative field investigations, highlighted by the opportunity to participate in a trip to the Great Smoky Mountains National Park. This course can also count as advance program Biology 2. The course will prepare the student to take the Advanced Placement exam in May. This course will meet Advance Program requirements.

Advanced Placement Physics B - 44350363

Advanced Placement Physics is a course in which high school students have the opportunity to earn college credit while they are still in high school. This course covers the material that would normally be covered in a college introductory physics course. A three-hour Advanced Placement test is administered to students who wish to receive the credit. A grade of 3 is usually required to receive the college credit. This course is designed to provide a systematic introduction to the main principles of physics. The course emphasizes the development of conceptual understanding and problem solving ability. This course will meet Advance Program requirements. **Prerequisite: grade of B in Adv. Program Algebra 2 or TA, Concurrent enrollment in or completion of Adv. Program Pre-calculus recommended.**

SOCIAL STUDIES

Honors Global Issues- 42240633(NEW)

Global Issues emphasizes student examination of issues that have global significance. Critical thinking, research, and critical-reading skills are utilized in community and international studies. Community resources rather than a textbook serve as the primary resource for the course. **Prerequisite: None**

Advanced Placement Human Geography- 42241363

The Advanced Placement course in geography gives high-ability students the opportunity to earn college credit in geography while still in high school. More importantly, the content of an AP Geography course helps students develop critical thinking skills through the understanding, application and analysis of the fundamental concepts of geography. Through AP Geography, students are introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn the methods and tools geographers use in their science and practice. **Required for AP 9th graders.**

Advanced Placement U.S. History - 42230063

This course explores a feeling for the American character, the political, economic, and social conditions that produced that character. While all periods of U.S. history are covered, particular attention is given to the period from

1877 to the present. Emphasis is placed on the use of critical-thinking skills to evaluate key issues in U.S. history, and the student is expected to extend his/her readings beyond the textbook. The course also helps prepare students for the Advanced Placement exam in U.S. History. This course will meet Advance Program requirements. **Prerequisites: A or B in Advanced Placement World History and teacher approval.**

Advanced Placement World History- 42220163

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course also helps prepare students for the Advanced Placement exam in World History. This course will meet Advance Program requirements.

Honors Psychology - 42240433

Psychology is a scientific study of behavior. It introduces selected topics of psychology study and the skills and methods of psychological experimentation. The course emphasizes biological and environmental influences, intelligence and learning, personality, and behavior patterns.

Advance Program Economics / Political Science - 42240993

Presents an overview of economics with attention to the interdependence of global economics in one semester and a study of the United States Constitution, global issues, and comparative government in the other semester.

Holocaust - 42240813

The holocaust and similar examples of man's inhumanity to man will be the focus. Much will concentrate on Hitler and Nazi Germany and the efforts to eliminate along with other minorities, the Jews. Much of the course will include related readings, primary source videos, and class discussions. Speakers will include holocaust experts and survivors and hopefully, a spring visit to the Holocaust Museum in Washington, D.C. will be included. **GP 11, 12**

African American History - 42241413

This course focuses on an in-depth study of Africans and African Americans, including their history, culture, contributions, and current status in the United States. Emphasis is placed upon the geographic origins of African people and the economic and political forces that brought them to America. The course provides insights into the barriers that African Americans have had to overcome and examines their contributions to American society. The class will include a spring trip to a city such as Chicago or Washington, D.C. to explore the influences African Americans have had in the city visited.

VOCAL MUSIC

Fee \$50.00 per course

Men's Ensemble 9th 48312313

Men's Ensemble 10th 48322313

Men's Ensemble 11th 48332313

Men's Ensemble 12th 48342313

Beginning Men's Ensemble (all grades)(new)

This course is open to all young men who express an interest in learning to sing. This course will include the development of basic tone production and choral techniques through singing choral literature and will build on previous choral experiences. This course is designed to develop and showcase male voices. The student understands that all extra rehearsals and performances are required in agreement with district guidelines.

Women's Ensemble 9th 48312213

Women's Ensemble 10th 48322213

Women's Ensemble 11th 48332313

Women's Ensemble 12th 48342313

Beginning Women's Ensemble (all grades)(new)

This course is open to all young women who express an interest in learning to sing. This course will include the development of basic tone production and choral techniques through singing choral literature and will build on previous choral experiences. This course is designed to develop and showcase female voices. The student understands that all extra rehearsals and performances are required in agreement with district guidelines.

Bel Canto Choir 10- 48322713

Bel canto Choir 11- 48332713

Bel Canto Choir 12- 48342713

This soprano/alto choir is an audition only choir. The class includes the development of more advanced choral techniques through the study and performance of choral literature of varying periods and styles. The students selected for this class understands that all extra rehearsals and performances are required in agreement with District guidelines.

Chamber Singers 10 – 48325013

Chamber Singers 11 – 48335013

Chamber Singers 12 - 48345013

This soprano/alto choir is an audition only choir. The class includes the development of more advanced choral techniques through the study and performance of choral literature of varying periods and styles. The students selected for this class understands that all extra rehearsals and performances are required in agreement with District guidelines.

Theory of Music – 48348113

This course introduces the basic fundamentals of theory and begins a study of music literature of various periods and styles. Music compositions and composers are studied.

Piano Instruction- 48316133 Fee \$ 50.00

Individual and group Piano Instruction along with studies in music rudiments and theory

INSTRUMENTAL MUSIC

Advanced Band 9- 48310013

Advanced Band 10- 48320013

Advanced Band 11- 48330013

Advanced Band 12- 48340013

This course emphasizes individual and group technical skills with additional emphasis on marching performance in the fall and concert performances in the spring. Numerous concerts and performances are required.

Jazz Band Ensemble 9 - 48310613
Jazz Band Ensemble 10 - 48320613
Jazz Band Ensemble 11 - 48330613
Jazz Band Ensemble 12 - 48340613

Jazz Band Ensemble- (9-12 grade) This class will focus on learning to recognize and play America's own music- jazz. Students will learn various jazz styles, jazz history, jazz forms, jazz theory, as well as improvisation techniques. This ensemble will perform at least 5 concerts per year. **Students will be required to have prior musical experience on their instrument and to interview/audition with the director before admittance to the class.**

Percussion Ensemble 9 - 48310313
Percussion Ensemble 10 - 48320313
Percussion Ensemble 11 - 48330313
Percussion Ensemble 12 - 48340313

Prerequisites: Audition and/or music teacher recommendation. This class emphasizes continued technical training, rehearsal, and performance of literature for percussion ensemble. Emphasis is placed on the reading, study, and performance of quality percussion literature and transcriptions of high artistic merit. The student will gain familiarity with the standard literature, and over a four-year period, be exposed to many of the major works of the percussion repertoire. The student

electing this class should understand that all extra rehearsals and performances are required.

Orchestra – Fee \$ 50.00 per course

Advanced String Orchestra 9- 48311013
Advanced String Orchestra 10- 48321013
Advanced String Orchestra 11- 48331013
Advanced String Orchestra 12- 48341013

This course develops individual and group skills with emphasis placed on preparation and performance of the most advanced of high school orchestra and chamber music literature. Auditions are required. Attendance at concerts and competitions is a requirement.

Intermediate String Orchestra 9-
Intermediate String Orchestra 10-
Intermediate String Orchestra 11-
Intermediate String Orchestra 12-

This course develops the individual and group skills required to transition to the most advanced level of high school orchestra performance. Attendance at concerts and competitions is a requirement.

High School Course Offerings Numbers

KEY

- * Prerequisite Required
- ** Advanced Placement course will satisfy Advance Program requirements
- *** Course has a fee
- TA Teacher Approval Needed
- GP Grade Placement

ART***

- 68110013 Introduction to Art
- 48110013 General Art I
- 48120013 Art II* Art I and an acceptable portfolio review by Art Department Staff.
- 48130013 Special Art III -* Art I, Art II and approval of portfolio by the Art department staff.
- 48140013 Senior Portfolio Building Seminar –*Art I and Art II, Art III and an acceptable portfolio review by Art Department staff.
- 48144263 Advanced Placement Studio Art-*Art I and Art II, Art III and an acceptable portfolio review by Art Department staff
- 48120313 Photography

BUSINESS***

- 45027243 International Business Exploration GP 9
- 45016143 Accounting I and Finance Foundations I GP 11, 12
- 45026143 Financial Accounting II GP 11, 12 *
- 45127443 Consumer Economics – GP 10
- 45026643 Business Law GP 11, 12
- 45026943 Business Entrepreneur GP 12
- 45015943 Computer Tech Applications - GP 10,11,12

- 45034643 Coop - GP 12
- 45334743 UPS Coop – GP 12
- 45641043 Computer Tech*TA GP 12

EDUCATION MAGNET

- 45218543 Exploring Education GP 9
- 45228543 Exploring Education GP10
- 45238543 Exploring Education GP11*Minimum 2.00 G.P.A.
- 45248543 Exploring Education GP12* Minimum 2.00 G.P.A.
- 45238443 Peer Tutor GP 10,11,12

ENGLISH***

- 42310133 Honors Freshman English
- 42310193 Advance Program Freshman
- 42320133 Honors Sophomore English
- 42320193 Advance Program Sophomore
- 42330133 Honors Junior English
- 42330173 International Baccalaureate Junior English*Thirty minute writing response, TA
- 42340133 Honors Senior English
- 42351163 **Advanced Placement English Language GP 11
- 42352163** Advanced Placement English Literature GP 12
- 42340173 International Baccalaureate Senior English Junior IB English, TA
- 42333913 Senior Seminar

English as a Second Language

- 43613123 English as a Second Language Beginning
- 43623123 English as a Second Language Intermediate

43623323 English as a Second Language Advanced 1
43623423 English as a Second Language Advanced 2
43624023 Portfolio Writing 2
43634023 Portfolio Writing 3
43644023 Portfolio Writing 4

Curriculum for ESL English will parallel the above Freshman, Sophomore, Junior, and Senior curriculum, based upon where the majority of the class enrollment is.

English Electives

42310613 Reading
42333513 Poetry –10,11,12
42350113 Theater Arts I
42350313 Advance Theater Arts II - TA
48530213 Theater III –TA 11, 12
48540213 Theater IV-TA 11,12
48510513 Stagecraft
42313113 Newspaper Staff – TA
42320713 Yearbook Staff - *Application, TA
42351313 Speech and Debate
42350213 African American Literature

WORLD LANGUAGES***

42403113 Chinese I
42403213 Chinese II - *Chinese I, TA
42403313 Chinese III - *Chinese II, TA
42403413 Chinese IV - *Chinese II, TA
42406133 French I
42406233 French II - *French I, TA
42406333 French III - *French II, TA
42406433 French IV - *French III, TA
42406193 Advance Program French I –
*3 years of middle school French or TA
42406293 Advance Program French II - TA
42406393 Advance Program French III - TA
42406663 ** Advanced Placement French IV Language -
TA
42406763 **Advanced Placement French V Literature- TA
42406373 International Baccalaureate Junior French-
*Entrance Exam, TA
42406473 International Baccalaureate Senior French -TA
42407133 German I
42407233 German II - *German I, TA
42407333 German III - *German II, TA
42407433 German IV - *German III, TA
42410133 Japanese I
42410233 Japanese II - *Japanese I, TA
42410333 Japanese III - *Japanese II, TA
42410433 Japanese IV - *Japanese III, TA

International Baccalaureate Junior Japanese- *Entrance Exam, TA

42419133 Spanish I
42419233 Spanish II - *Spanish I, TA
42419333 Spanish III - *Spanish II, TA
42419433 Spanish IV - *Spanish III, TA
42419193 Advance Program Spanish I -
*3 years middle school Spanish
42419293 Advance Program Spanish II - *Adv. Spanish I
TA
42419393 Advance Program Spanish III - *Adv. Spanish 2,
TA
42419663 ** Advanced Placement Spanish IV - *Adv.
Spanish 3, TA

42419363 International Baccalaureate Junior Spanish -
*Achievement Exam, TA
42419473 International Baccalaureate Senior Spanish - *IB
Spanish 3, TA

HEALTH AND PHYSICAL EDUCATION

48810011 Physical Education
48910111 Health
48820013 Physical Education 2
48830313 Physical Education 3
48840013 Weightlifting

HUMANITIES***

48040033 Honors Humanities - GP 11/12
48040093 Advance Program Humanities - GP 11/12
48040973 Theory of Knowledge*IB,TA

MATHEMATICS***

42710233 Honors Algebra I
42720233 Honors Geometry, * Algebra I
42730233 Honors Algebra II, * Geometry
and Algebra I

The fourth class can be one of these three:

42740233 Honors Pre- Calculus *prerequisite Algebra 2
42740133 Finite Math, *prerequisite Algebra 2
42740013 Algebra for the College Bound *Student
Prerequisite Algebra I, II
42720293 Advance Program Geometry - , Pre
IB*Prerequisite 8th grade Advance Program
Math or TA
42730293 Advance Program Algebra II - Pre IB,
*prerequisite Advance Geometry
42740293 Advance Program Pre-Calculus, *prerequisite
Advance Algebra 2, TA
42750233 Honors Calculus, *prerequisite Honors or
advance pre-calculus
42750363 **Advanced Placement Calculus, *pre-requisite
advance pre-calculus
42740273 IB Pre-Calc, *prerequisite "A" average in
Advance Algebra 2
42750273 IB Calculus, *prerequisite IB pre- calculus and
TA

Electives that can fulfill the 4 math credit required for graduation.

42750163 Advanced Placement Statistics
45639813 BASIC Programming
*Algebra 2 or Adv. Algebra 2 or currently
enrolled in these courses
45641073 International Baccalaureate Computer
Programming - *enrolled in IB Pre-calculus and
TA
45639913 Computer Programming

SCIENCE***

44010033 Honors Integrated Science GP 9
44120133 Honors Biology GP 11

- 44120193 Advance Program Biology GP 9
 44141013 Marine Biology, * Biology, GP 11,12
 44142013 Forensic Science GP 12
 44230333 Honors Chemistry
 44230393 Advance Program Chemistry
 44030433 Honors Biology II*
 44130463 **Advanced Placement Biology
 *Biology and Chemistry, TA
 44130173 International Baccalaureate Junior Biology 2
 * "3.5" average in Adv. Biology 1 and Adv.
 Chemistry, TA
 44140033 Honors Anatomy and Physiology *Biology GP
 12
 44340433 Honors Physics
 44350363 **Advanced Placement Physics B*
***3.5 average in Adv. Program Biology**
 and Adv. Program Chemistry, grade
 of B in Adv. Program Algebra II or TA, concurrent
 enrollment in or completion of Adv. Program, AP,
 or IB Pre-calculus required
 44140173 International Baccalaureate Senior Biology 3*IB
 Jr. Biology, TA
 44240163 **Advanced Placement Chemistry II -
 *Chemistry
 44340473 International Baccalaureate Physics-
 *3.5 average in Adv. Program Biology and Adv.
 Program Chemistry or TA, , **grade of B** in Adv.
 Program Algebra II or TA, concurrent enrollment
 in or completion of Adv. Program, AP, or IB Pre-
 calculus required

SOCIAL STUDIES

- 42212033 Honors Exploring Civics
 42241363 Advanced Placement Human Geography
 42220133 Honors World Civilization
 42220163 Advanced Placement World Civilization
 42230033 Honors United States History
 42230063 **Advanced Placement United States History
 42230273 IB Junior History 1 -*"A" average both semesters
 in Adv. World Civilization
 42230373 IB Senior History 2 -*IB Junior History
 42240233 Honors Psychology - GP 11/12
 42240633 Honors Global Issues
 42240813 Holocaust - GP 11/12
 42241413 African American History - GP 11/12
 42240993 Advance Program Economics/Political Science -
 GP 11/12

STUDY SKILLS

STUDENT ASSISTANT

- 42300013 Study Skills GP 9,10,11,12
 45000013 Student Assistant GP 12

VOCAL MUSIC***

New

- 48312313 Men's Ensemble- GP 9
 48322313 Men's Ensemble- GP 10
 48332313 Men's Ensemble- GP 11
 48342313 Men's Ensemble- GP 12
 48312213 Women's Ensemble- GP 9
 48322213 Women's Ensemble- GP 10

48332313 Women's Ensemble- GP 11

48342313 Women's Ensemble- GP 12

- 48322713 Bel Canto Choir - GP 10, Audition required
 48332713 Bel Canto Choir - GP 11, Audition required
 48342713 Bel Canto Choir - GP 12, Audition required
 48325013 Chamber Singers - GP 10, Audition required
 48335013 Chamber Singers - GP 11, Audition required
 48345013 Chamber Singers - GP 12, Audition required
 48348113 Theory of Music - GP 12
 48316113 Piano Instruction

INSTRUMENTAL MUSIC***

BAND***

- 48310013 Advanced Band - GP 9
 48320013 Advanced Band - GP 10
 48330013 Advanced Band - GP 11
 48340013 Advanced Band - GP 12
 48310613 Jazz Band Ensemble GP 9
 48320613 Jazz Band Ensemble GP 10
 48330613 Jazz Band Ensemble GP 11
 48340613 Jazz Band Ensemble GP 12
 48310313 Percussion Ensemble GP 9
 48320313 Percussion Ensemble GP 10
 48330313 Percussion Ensemble GP 11
 48340313 Percussion Ensemble GP 12

ORCHESTRA***

- 48311013 Advanced String Orchestra - GP 9, TA
 48321013 Advanced String Orchestra - GP 10, TA
 48331013 Advanced String Orchestra - GP 11, TA
 48341013 Advanced String Orchestra - GP 12, TA

A minimum of one year playing experience and an audition is required for all advanced String Orchestra classes.