

WESTFIELD PUBLIC SCHOOLS

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Superintendent of Schools

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**WESTFIELD
HIGH
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www.cityofwestfield.org**

**ACCESS TO EQUAL EDUCATION
OPPORTUNITY**

In conformity with Chapter 622 of the Acts of 1971 and Title IX all courses of study offered at Westfield High School are open and available to all students without regard to race, color, sex, religion, or national origin. Any suspected failure to abide by the provisions of federal and state statutes providing for equal opportunity should be reported to the principals.

MISSION STATEMENT

The mission of Westfield High School is to provide students with experiences that contribute to a solid foundation of knowledge, skills, and attitudes on which students can build responsible, fulfilling, self-directed lives.

Academic Expectations

Demonstrate the ability to read, write and communicate effectively.
Demonstrate the ability to think critically.

Social Expectation

Recognize the value of a healthy and productive lifestyle.

Civic Expectations

Demonstrate respect for our diverse society.
Appreciate the importance of and contribute positively to the community.

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January 2010

Dear Parents/Guardians and Students:

The Westfield High School Program of Studies catalog provides our students and their parents with the information necessary to make informed decisions in completing a course of study for the coming academic year. Whether your future plans include college, technical school, or the world of work, course selection must be done with care. Giving this matter the serious consideration it deserves, will secure the selection of a meaningful and appropriate course of study.

Our departments continually review curriculum to ensure our offerings are suitable and relevant in meeting the needs of our students. The curriculum is aligned to the state curriculum frameworks, thereby promoting success on the MCAS exams.

The selection of courses is a collaborative process which should be taken very seriously. Consider your courses carefully as they are the foundation on which to build your post secondary program. As the academic program is directly linked to the budgetary process, we reserve the right to cancel course that are undersubscribed.

Our professional staff stands ready to assist you in this most important endeavor. Do not hesitate to contact us with any questions and/or inquiries regarding any aspect of the scheduling process.

Raymond K. Broderick
Principal

Mr. John K. Dougherty
Assistant Principal

Mr. Mitchell J. Bannish
Assistant Principal

Ms. Kathleen A. Hogan-Friguglietti
Assistant Principal

Dear Students and Parents:

The Guidance Department at Westfield High School strives to provide opportunities for all students to maximize their social, educational and vocational potential. The department assists students in developing a course of studies that appropriately challenges the student and meets the needs of their future goals. The guidance staff helps students make the proper selection of courses by analyzing test results, discussing strengths and weaknesses and recommending courses which best fit the student's needs, abilities and future career plans. Course selections by students should also include input from parents and teachers.

Students and their parents/guardians are encouraged to participate in the various informational programs offered by the guidance department to be fully aware of the opportunities available at WHS. Visit our web site at <http://www.k12.westfield.ma.us/whs/guidance/index.htm>. It includes information of activities, programs, scholarships and much more.

The department encourages you to avail yourselves of the guidance services. We strongly urge students to visit their counselor at any time to seek advice or information, to discuss problems or investigate career plans.

The Guidance Department wishes you success in your endeavors at WHS.

Counselors:

Mrs. Kathryn Milligan, Supervisor
Mrs. Merylina Asselin
Mr. Robert Coe
Mrs. Sharon Ensign
Ms. Margaret Fallon
Mrs. Alison Kelly
Ms. Angela Nunes
Ms. Kristin Puleo
Mrs. Megan Stopa

Mrs. Nan Pease, Secretary
Mrs. Lori Paolucci, Secretary
Tel: 572-6475

REQUIREMENTS FOR GRADUATION

The School Committee of Westfield requires a minimum of 22 credits to be distributed as follows:

English	4 credits
Social Studies (US History I and II, US Government)	3 credits
Science	2 credits
Math (can include Accounting I)	2 credits
Health	1/2 credit
Physical Education	2 credits
Financial Literacy or Contemporary Family Life	1/2 credit
Applied and/or Fine Art/Tech and/or Engineering	1 credit
Electives	<u>7 credits</u>
TOTAL	22 credits

In order to receive a Westfield High School diploma, all students must pass the MATH, LANGUAGE ARTS, and SCIENCE/TECHNOLOGY MCAS tests. Students must pass the ELA and Mathematics MCAS tests at Proficiency Level (240). If they do not reach 240, an Educational Proficiency Plan must be established and successfully completed by the student as to be eligible to receive a WHS diploma.

The WHS Program of Studies contains those courses which are available to complete a four year study in preparation for college, business and career exploration. Knowledge is power; therefore, Westfield High School encourages students to approach the world with wonder and curiosity. All students will be given every opportunity to learn at challenging levels. Students must select courses with extreme care. Giving this matter the serious consideration it deserves, will ensure the selection of a meaningful and appropriate course of study. Administration and departments continually review curriculum to ensure our offerings are suitable and relevant in meeting the needs of our students. The curriculum is aligned to the state frameworks to promote success on the MCAS exams. Students must seek input and advice from the guidance department, teachers, and parents in selecting their courses. If a student selects a course that is graded "Pass" or "Fail", the grade earned will not be calculated in the students' class rank or GPA.

ALTERNATIVE PATHWAYS for CREDIT ACQUISITION/ RECOVERY

Westfield High School also offers alternative pathways towards graduation and beyond.

Independent Study

All departments offer students an opportunity to pursue independent study. A student must develop a proposal or contract and present it to the appropriate department supervisor for approval. Up to one credit will be granted for an Independent Study venture.

Night School

Students from Westfield High School may take night school courses at accredited area high schools for credit recovery thus achieving the necessary requirements towards graduation. The credit a student receives will be equal to the credit granted for an equivalent course at WHS. Advanced approval from the High School Principal is required. The grades are not calculated into class rank and GPA.

Summer School

Students who fail a course in the regular school year can make up that course during summer school session. Students with a failing grade of 50-59 are eligible for summer classes. Students with an average of 49 or below in a class must receive written permission from the teacher or the appropriate supervisor to make up the class in the summer school session. Grades received in summer school appear on the student transcript but are not calculated into class rank and GPA.

Dual Enrollment

Junior and senior students who meet eligibility requirements may take accelerated courses at area colleges and have the opportunity to earn dual credits at both the secondary and college level. Students must receive special permission from the High School Principal to participate (See Student Handbook for more information). Grades for these classes are not included in class rank and GPA.

Tech Prep

Articulation agreements with local community colleges can provide college credits for those students achieving a grade of “B” or better in certain courses. The Program of Studies indicates the courses that are available.

THE NEXT STEP

It is important to be mindful of the future as you select your course of study. The choices you make at WHS can impact your post secondary educational pathways.

Those students who are looking to pursue a two year college course of study should select classes from all disciplines as they fulfill our graduation requirements. The State Community College system offers admission to all high school graduates.

Those students looking for a post secondary career at a State College or UMASS should select college prep classes that will satisfy **both** WHS graduation requirements and admission standards. The admission standards for UMASS and institutions of the MA State College system emphasize a strong high school academic background. The **minimum** requirements for admission are listed below; however some schools and campuses may consider additional factors in its admission decisions.

English	4 credits	College-prep courses in reading, composition and literature
Mathematics	3 credits	Algebra I, Algebra II and Geometry*
Science	3 credits	Including 2 college-prep lab courses*
Social Studies	2 credits	US History and Government
Foreign Language	2 credits	Two consecutive years of the same language
Electives	2 credits	

*For those students contemplating majors in science and /or engineering a fourth year of math study and additional courses in science are recommended.

In general, colleges expect students to maintain an average of 80 or above in their core subject areas. If you are applying to UMASS or a State College, you must take the SAT I or ACT test and have your scores sent directly to the college of your choice. The admission standards for more selective institutions of higher education widely vary. It is best to seek help from our guidance department when your goal is a highly selective school. By investigating the admission requirements, you can tailor your course selections at WHS to better prepare you for the scrutiny of individual admission processes.

Learning Disabled Applicants

If you have a diagnosed learning disability, you may not have to take tests such as the SAT I or ACT for admission to any public institution of higher learning in Massachusetts. However, you will be required to submit documentation of your learning disability, and you still must complete the 16 required academic units with a minimum GPA of 75. There are opportunities for students with disabilities to take SAT’s or ACT’s with accommodations. Please check with your student’s guidance counselor for more information.

Sheltered Immersion

If you are a Sheltered Immersion student, you may be eligible for exceptions to the admissions requirements. You may take the Test of English as a Foreign Language (TOEFL) or the SAT II: English Language Proficiency Test (ELPT). Contact your guidance counselor or an admissions officer for more information.

Student Athletes

Students who plan to participate in athletics at the college level need to be aware of the eligibility requirements. Information is available in the guidance office regarding the NCAA requirements for registration. Paper work must be completed by the NCAA deadline.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement Program at Westfield High School is designed to give the academically motivated student the opportunity to experience the rigors of college level courses while in high school. Advanced Placement courses are framed around a curriculum that will prepare the students to take the

nationally recognized Advanced Placement Program examinations. The issuance of that credit is subject to the regulations of individual colleges and universities. The student may also receive recognition through the Advanced Placement Scholar Awards.

All of the Advanced Placement courses are given extra weight in determining GPA. The system is designed to recognize the additional work load required in these courses. Any student planning to take an Advanced Placement course should also plan to take the Advanced Placement examination for that course. The AP examination takes place annually in the spring. The students are responsible for all associated costs and fees.

Advanced Placement Courses:

Biology	Calculus AB
Chemistry	English Language and Composition
English Literature and Composition	French Language (V)
German Language (V)	Macroeconomics
Physics	Spanish Language (V)
US Government and Politics	US History II

Note: Westfield High School curriculum for these classes has been approved by the College Board

HONORS COURSE OFFERINGS

Westfield High School also offers courses at the Honors level for those who wish to take a more demanding course load than our standard college preparatory classes. Honors courses are given extra weight in determining GPA. The system is designed to recognize the additional work load required in these courses.

Honors courses:

Anatomy & Physiology	Biology
Calculus	Chemistry
French IV	German IV
Introduction to Philosophy	Latin IV
Physical Science	Physics
Sophomore Literature	Sophomore Writing
Spanish IV	U.S. History

ART DEPARTMENT

AR1000 Creative Explorations 1/2 CR.

Creative Explorations is a general art course providing opportunities for students to enjoy and explore as many different tools and media as possible. Process rather than product will be the emphasis of this course. Projects will cover areas such as drawing, painting, printmaking, sculpture and crafts.

AR1100 Sculpture 1/2 CR.

Using a variety of materials, students will experience working in relief and three-dimensional form. They will explore shape, space, and surface. Sculptures may range from decorative to functional, and realistic to abstract. Focus will be on critical thinking, and creating sculpture for the students' personal space. A \$10.00 lab fee is required.

AR1200 Drawing 1/2 CR.

Students will learn to draw realistically through observational drawing exercises. Emphasis will be placed upon composition, and such art elements as line, value, space and texture. Subject matter will range from realistic to abstract, and a variety of drawing media will be explored.

AR1300 Exploring Painting 1/2 CR.

Exploring Painting will introduce students to a variety of painting media and techniques. Emphasis will be on process rather than product. Students will explore oil and chalk pastels, watercolor, tempera and acrylic. Relevant artists and masterpieces will be discussed. A lab fee of \$10.00 is required.

AR1400 Calligraphy 1/2 CR.

This course will introduce students to calligraphy, the art of lettering, as a fine art. It will enable them to understand the historical and cultural development of calligraphy, and its relationship to other art forms. Students will gain mastery by practicing letter form and layout within a creative context.

AR1700 Pottery I

1/2 CR.

Students will explore the techniques and concepts of pottery making, and will be encouraged to develop a personal style. Problem solving and reflection of their work will be emphasized. Students will acquire skill in clay preparation, construction (pinch, coil and slab) methods, glazing and firing. A \$10.00 lab fee is required.

AR1800 Printmaking

1/2 CR.

Students will be introduced to the art of producing multiple original works of art through printmaking. Monoprinting, relief printing (stamp, found object, linoleum and wood) and stencil printing will be explored. Students will develop personal imagery, both abstract and realistic. They will be given an overview of the history of printmaking, and view specific works relevant to each process.

TE1300 Screen Printing I

1/2 CR.

The central concept of the course is to introduce the student with screen printing technology and its use in communication and manufacturing. All introductory phases of screen printing will be covered: screen preparation, creation of a stencil, and the printing process. Students will be introduced to a broad variety of materials, machines, and manufacturing processes relating to today's industry and technology. Additionally they will be exposed to QuarkXPress and Adobe Photoshop software. A \$10.00 lab fee is required.

TE2200 Introduction to Photography

1/2 CR.

This photography class introduces students to the basics of black and white photographic images. There are a series of assignments and class projects that give students a hands-on approach to understanding the subject. Your 35mm camera with a flash in good working order is absolutely necessary for enrollment. The lab fee allows for film, paper and processing chemicals. This lab fee is \$25.00 is required.

AR1013 Art I

1 CR.

Art I provides the fundamentals for students to explore their artistic interests. Students will employ the elements of art and principles of design through a variety of artistic experiences. Students will acquire knowledge of and develop skills in drawing and painting, surface interpretations, value and color studies. Art appreciation, art literacy and portfolio presentation will be included.

BUSINESS INFORMATION TECHNOLOGY DEPARTMENT

BU1110 Personal Keyboarding

1/2 CR.

The Personal Keyboarding course is an introduction to the keyboard on the computer. There is a strong emphasis placed on the use of correct keyboarding techniques and the development of speed and accuracy. Word processing features are introduced and applied. Students interested in graphic arts, and computer courses should take Personal Keyboarding as keyboard skills are essential in these areas. Creative writing assignments are incorporated into the class to improve writing skills in preparation for MCAS testing. College credit through an articulation agreement with GCC is available through the Tech Prep Program.

BU1200 Introduction to Business

1/2 CR.

Students today live in a global economy. This entry-level course touches upon advertising, management, marketing, and the impact that current business trends have on our daily lives. Teamwork and effective communication skills are stressed through classroom projects and presentations. Concepts learned in Introduction to Business support MCAS objectives.

BU1300 Entrepreneurship

1/2 CR.

Entrepreneurship focuses on recognizing a business opportunity, starting a business based on the recognized opportunity, and operating and maintaining that business. This course includes examining the benefits and risks of business ownership. Students prepare a business plan using a personal computer with appropriate software for their own small business, choose an effective marketing mix, make informed business decisions, and assess the economic outcomes of business ownership.

BU2013 Accounting I

1 CR.

The entire accounting cycle is covered in Accounting I. It includes basics in recording transactions and preparing financial reports. Two projects are required: one dealing with the journalizing and posting of transactions involving a proprietorship and the second dealing with the complete accounting cycle. Multicolumn journals and general and subsidiary ledgers are included in a practice simulation. The completion of Accounting I provides an introduction to the accounting field. Accounting I may be applied to graduation requirements as a math course. College credit through an articulation agreement with HCC is available through the Tech Prep Program.

CAREER EDUCATION

SPSTAS Student Assistant Program

1/2 CR.

Students will be placed as assistants to various staff/departments and mentors as deemed appropriate. Emphasis is on reliability, honesty, and good work ethics and habits. Duties will vary.

COMPUTER TECHNOLOGY

CP1200 Computer Applications

1/2 CR.

This course provides an introduction to the fundamentals of computer use so that the student can understand what a computer is, how it operates, when a computer should be applied to the solution of a problem and what application should be chosen to solve that problem. Time will be spent on word processing, spreadsheet, data base, scanning, CD-ROM use, and paint and draw components. As a final project students will complete a multimedia project that uses the above technology.

ENGINEERING DEPARTMENT

TE1000 Manufacturing: Wood Fabrication

1/2 CR.

This course focuses on the techniques and concepts of production in the context of a wood fabrication shop. Students will learn proper tool and machine use as well as basic techniques through the fabrication of a custom project. Measuring accurately and sequential relationships between operations are stressed. Students will then work in teams on batch production projects. The goal of this project is to develop skills acquired during the first project and introduce jigs, fixtures and other production techniques to improve efficiency. Students should emerge from this course with basic level of competence.

TE1500 Engineering Design: Drafting & Technological Systems 1

1/2CR.

In this semester course, students will learn the principles of technical drawing and engineering design. Mediums include paper and pencil, AutoCAD, and product modeling software. They will then apply the process to a series of design, draw, and build projects. One project from each of the following technological areas will be completed: Engineering Design, Construction, Manufacturing and Power & Energy-Fluid.

ENGLISH LANGUAGE ARTS DEPARTMENT

LA1000: Academic Literature and Composition

1/2 CR.

Freshmen who plan to attend a four-year college should take this course as preparation. This semester English course is designed for the student who has consistently demonstrated strong reading, writing, and analytical skills. The focus of this course includes in-depth studies of classic and contemporary novels and surveys a variety of other genres. Skills in writing a literary analysis paper will be enhanced. Research, vocabulary study, examination of the language, and formal presentations will be required, along with significant reading completed outside of the classroom. Reading selections may include the following: *To Kill a Mockingbird*, *The Secret Life of Bees*, *Of Mice and Men*, *The Pearl*, a variety of short stories, and non-fiction articles. Students who successfully complete this course with a 90 average or better qualify for WHS's ELA Sophomore Honors program.

LA1009: Literature and Composition

1/2 CR.

Freshmen who may be considering college should take this course as preparation. This semester English course is designed for the student who exhibits developing skills in reading, writing, and literary analysis. Students will be introduced to the genres of the novel, short story, and non-fiction and will identify and analyze the development of common themes that are found throughout these texts. Students

will be introduced to the literary analysis paper and it will be used as an important additional method to improve comprehension. Research, vocabulary study, and formal presentations will be required. Using contextual clues to assist in reading comprehension will be stressed. Reading selections may include the following: *Of Mice and Men*, *The Pearl*, *Downriver*, *Jonathan Livingston Seagull*, a variety of short stories, and non-fiction articles.

LA1100: Academic Poetry and Drama

1/2 CR.

Freshmen who plan to attend a four-year college should take this course as preparation. This semester English course is designed for the student who has consistently demonstrated strong reading, writing and analytical skills. The focus of this course includes in-depth studies of classic and contemporary poetry and dramatic works. Skills in analyzing the effects and effectiveness of sound, form, figurative language, and dramatic structure of poems and classical drama will be enhanced. Research and vocabulary study, along with formal presentations, dramatic readings, recitations, or performances that demonstrate appropriate consideration of audience and purpose will be required. Reading selections may include the following: *Othello*, *The Merchant of Venice*, *A Raisin in the Sun*, *The Medea* and a variety of poetry. Students who successfully complete this course with a 90 average or better qualify for WHS's ELA Sophomore Honors program.

LA1109: Poetry and Drama

1/2 CR.

Freshmen who may be considering college should take this course as preparation. This semester English course is designed for the student who exhibits developing skills in reading, writing, and literary analysis. Students will be introduced to the in-depth study of classic and contemporary poetry and dramatic works. Skills in analyzing form, figurative language, and the structure of poems and classical drama will be developed. Research, vocabulary study, formal presentations, and dramatic readings and performance will be required. Reading selections may include the following: *Othello*, *The Merchant of Venice*, *A Raisin in the Sun*, *The Medea* and a variety of poetry.

FAMILY AND CONSUMER SCIENCE DEPARTMENT

FC1113 Child Development I

1 CR.

This is a course of study that explores the growth and development of the child from preconception to three years of age. Emphasis is placed on the physical, emotional, social, and intellectual aspects of the child's life. Students interested in all aspects of education, child care, social work and medicine will find this course helpful in furthering their career goals. This course also provides excellent preparation for future parenthood. Child Development I meets the requirements for a half year science credit.

FC1321 Clothing I

1/2 CR.

Clothing I introduces the various components of the clothing industry. In this course, students will study the impact of clothing and develop the knowledge necessary to make apparel buying decisions through the study of textiles, hand tags and garment construction. Students will learn how to express themselves through the textile medium by constructing two garments. In addition, student will learn how to adapt patterns and commercially produced garments to fit individual body types. Various equipment and techniques will be explored as construction knowledge and skills are developed. Careers in the clothing industry will be explored. Students will be required to supply materials for two sewing projects.

FOREIGN LANGUAGE DEPARTMENT

FL1003 French I

1 CR.

Expand your horizons. Begin another language. French I will provide you with the basic skills of understanding, speaking, reading, and writing French. The materials used are current and geared to your interests. Many glimpses of French life and culture are presented.

FL1023 French II

1 CR.

Second year French uses an interactive approach to expand the basic skills learned in French I. Students will be actively involved in proficiency-based exercises to build communicative competence. New tenses and grammatical concepts are presented as well as cultural aspects of France and French - speaking countries.

FL1113 German I

1 CR.

Learn the German language, while learning about its young people, old traditions, and the "New Germany" using an up-to-date, multi-faceted, and comprehensive language program including an integrated video. Cooperative learning techniques incorporated in a communicative context form the core of the program. Particular emphasis is placed on Listening Comprehension and evaluation of this skill. Cultural and geographical information is introduced in German from the early stages.

FL1123 German II

1 CR.

This course is a continuation of German I with an emphasis on speaking and listening comprehension and a reinforcement and expansion of reading and writing skills acquired in the first year.

FL1213 Spanish I

1 CR.

In this course, students will learn to speak, read, write and comprehend spoken Spanish, while becoming familiar with various aspects of Hispanic culture and life. Live action videos are integrated with the text to reinforce vocabulary, grammar, and culture. Students will have opportunities to apply what they learn to their own lives through pair work and cooperative learning.

FL1223 Spanish II

1 CR.

Second year Spanish uses an interactive approach to expand the basic skills learned in Spanish I. Students will be actively involved in proficiency-based exercises to build communicative competence. New tenses and grammatical concepts are presented as well as cultural aspects of Spain and Spanish-speaking countries.

FL1303 Latin I

1 CR.

This course is designed as an introduction to the ancient Romans and their language. Students will learn the grammar and structure of Latin, and develop an appreciation of the influence of the Roman civilization on the world today. Students will expand their English vocabulary through the study of Latin root words.

HEALTH EDUCATION

HE1000 Health Education

1/2 CR.

This half year course consists of study in the concepts related to health promotion and disease prevention; consumer health, environmental health, family life and sexuality, growth and development, nutrition, personal health (emotional, social and physical), conflict resolution and substance abuse and addictive behaviors. Students will learn to access and analyze information and develop goal setting, decision making, interpersonal communication and advocacy skills to promote health enhancing behaviors and avoid or reduce risk. **This is a required course for graduation.**

MATHEMATICS DEPARTMENT

MA1113 Basic Algebra

1 CR.

Basic Algebra introduces the concepts and skills of first year algebra including equations, inequalities, linear graphing, laws of exponents, polynomial arithmetic and factoring. This course does NOT satisfy the minimum admission requirements for state colleges/universities.

MA1123 Algebra I

1 CR.

Prerequisite: Students should have achieved at least a 70 or better in eighth grade mathematics to elect this course as a freshman.

Algebra I is the first required course in the college preparatory sequence and the cornerstone of all higher mathematics. Topics include the solving of linear and quadratic equations, polynomial arithmetic, factoring, radicals, graphing of linear functions, inequalities and the laws of exponents. Emphasis is placed on developing skills, increasing conceptual understanding, and problem solving.

MA1203 Geometry (Plane and Solid)

1 CR.

Prerequisite: Algebra I

The course develops an understanding of geometric relationships, proofs, inductive and deductive reasoning, and integrates geometry with arithmetic, algebra, and trigonometry. The following topics are studied in detail: parallel lines, angles, triangle basics, similar and congruent figures, right triangles, quadrilaterals, regular polygons, area, perimeter, volume, circles, trigonometry, coordinate geometry, and transformations.

MUSIC DEPARTMENT

MU1003 Concert Band

1 CR.

Attendance at all performances is a requirement of this course.

This course is open to all students with previous instrumental experience. Emphasis is placed on knowledge of the fundamentals of musicianship, through the performance of high quality band literature. Students will perform in both concert band and marching band environments. Outstanding instrumentalists are given the opportunity to audition for district band (Western Massachusetts). Students will increase their technical and musical skills in the course and will be given many different performance experiences. Listening opportunities are made available. Analysis of personal and group performance is included

MU0001, MU0013 Chorus

1/2 or 1 CR.

This entry level high school choral experience is open to all students who wish to sing. Emphasis is placed on vocal development and ensemble skills. Students with and without previous ensemble experience will learn and enhance their musical understanding through the fundamentals of singing. Listening opportunities will further enhance the student's understanding and appreciation of the choral experience. Students will learn a variety of choral styles and materials. The course also includes preparation for and presentation of public performance.

MU1000, MU1013 Concert Choir

1/2 or 1 CR.

Prerequisite: Chorus

This course is open to all students who wish to sing. Emphasis is placed on vocal development and musicianship skills. Students with and without previous choral experience will learn and enhance their musical understanding through the fundamentals of singing. Students will learn from a variety of choral styles and materials. This course also includes preparation for and presentation of public performances. Outstanding vocalists are given the opportunity to audition for district chorus (Western Massachusetts). Analysis of personal and group performance is included.

MU1802 Jazz, Blues and Beyond

1/2 CR.

This introductory music theory course will cover the basic musical skills necessary in today's world of jazz blues and contemporary music. Topics covered will include: basic music theory, structure of scales and chords, discussion of functional harmony, development of aural and listening skills and the basic piano skills as they apply to the subject. Class time will also be devoted to studying major musical figures and styles, through audio and visual recordings. This is not a performance-oriented class, however opportunities will exist to apply course materials to your primary musical instrument. This course serves as a prerequisite to Jazz Combo and Jazz Ensemble.

MU1410 Music Theory I

1/2 CR.

Music Theory I is a course in basic musicianship for the student who has little or no background in music notation, scales, or elementary keyboard training. Students will examine the fundamentals of music and the structural elements of music. The use of piano is strongly recommended. Students will demonstrate their knowledge of the above through practical application in analysis, writing music and/or playing the keyboard.

MU1511 Music History

1/2 CR.

Music History is a study of music from its beginnings to the end of the 19th century. Lesson topics include composers and their music, musical notation, and periods of history as well as other notable people and trends from the same time periods. This course includes lessons in listening, musical elements, musical forms, and musical styles. Essential terms and composers will be discussed. Listening examples will be provided for the development of aesthetic response.

MU1522 20th Century Music

1/2 CR.

This course is an in depth study of 20th century music. Emphasis is placed on contemporary styles including rock, the American musical and jazz. Students will develop an understanding of the historical, musical and societal changes of this period. Attention will be given to developing critical listening skills.

MU1601 Instrumental Workshop

1/2 CR.

This course is open to any student desiring to play a new or different musical instrument. Students will be able to choose small group instruction on a variety of band instruments including low brass, low winds or percussion. Students may elect another instrument if they own one or have one otherwise available.

MU1700 Piano Lab

1/2 CR.

This course is designed for all students interested in developing keyboard skills, beginner through intermediate. Emphasis is placed on students' individual achievement at the piano including fundamentals of musicianship. Posture, finger placement and hand positioning will be emphasized on a daily basis. A wide variety of instructional materials will be available to the students.

NON DEPARTMENTAL OFFERINGS

ND1902 Introduction to Theater

1/2 CR.

This course introduces students to all aspects of theater, including acting, directing, dramatic writing, designing, and studying theater history. There will be a significant focus on acting, with an emphasis on improvisation, monologues, and scene study. Students will direct each other in monologues and short scenes written by the class.

We will read and perform dramatic selections that may include ancient Greek, Shakespearean, and contemporary writings. Students will be introduced to all aspects of a production including set design, lighting, costuming, and participate in the performance of a dramatic piece.

PHYSICAL EDUCATION DEPARTMENT

PE0000 Physical Education I

1/2 CR.

Physical Education I is offered to freshmen. This semester course includes team sports, fitness activities, and swimming.

READING DEPARTMENT

LR1000 Study Skills

1/2 CR.

This course will emphasize specific study and organizational skills necessary to become a successful student. Units will cover skills for previewing, note taking, locating, test taking, reading rate, listening, researching and organizing. This course will be offered each semester.

LR1010 Investigating Reading I

1/2 CR.

Students will enhance skills in vocabulary development, problem solving, meta-cognitive thinking, comprehension and specific reading. Materials will include works of fiction and non-fiction, authentic text, content area reading, and computer software. This course will be offered each semester.

LR1033 Analyzing Reading

1 CR.

A more intensive focus on individual reading needs based on the results of standardized testing, including MCAS. Areas covered in this full year course include vocabulary development, specific reading skills, comprehension skills, and critical reading skills. Skill instruction will be based on individual needs using the Language Arts Curriculum

SCIENCE DEPARTMENT

SC1000 Conceptual Physical Science

1 CR.

This hands-on class is designed to help students develop the math skills necessary for understanding the concepts of Physics and Chemistry. The method of presentation will give confidence to the emerging science thinker.

SC1003 Physical Science

1 CR.

This is an introductory laboratory class that combines the fundamentals of both Physics and Chemistry with the quantitative and critical thinking skills necessary for success in all future science courses.

SC1013 Honors Physical Science

1 CR.

This honors level Physical Science course is designed for the highly motivated, college bound student. A strong background in math is required for this analytical approach to the concepts of Physics and Chemistry.

SHELTERED ENGLISH IMMERSION

The following courses are required for high school graduation and are offered in the Sheltered English Immersion program:

SI2303 US History I

Grade 9

1 Credit

SI2403 US History II	Grade 10	1 Credit
SI2503 US Government	Grade 11-12	1 Credit
SI1513 Physical Science	Grade 9-12	1 Credit
SI1603 Math	Grade 9-12	1 Credit
SI1700 Financial Literacy	Grade 11-12	1/2 Credit
SI1201 Health	Grade 9-12	1/2 Credit
SI2123 Biology	Grade 9-12	1 Credit

Courses offered in the Sheltered English Immersion program are offered on a rotating basis:

SI5103 Beginning ESL

2 CRS.

This course is for students who know little or no English and focuses on basic English grammar and listening comprehension. It is an integrated skills class intended to extend students' English proficiency in listening, speaking, reading, and writing.

SI5123 Intermediate ESL

1 CR.

This course is for students who have acquired basic English grammar and listening skills. The course focuses on developing more complex grammar, reading comprehension, and writing skills.

SI5133 Advanced ESL

1 CR.

This course is for students whose knowledge of English enables them to understand subject matter at grade level in regular high school classes, but for whom reading comprehension of English texts and writing in English still present problems. This course also includes reading and writing in the content areas.

SI7000 ESL Reading

1 CR.

This course provides specialized instruction in reading and writing in the content area, developing students' proficiency in reading and writing so that they may transition to the mainstream English classroom.

SOCIAL STUDIES DEPARTMENT

SS1103 U.S. History I

1 CR.

This full year course will analyze the political, economic, and social development of the United States from 1763 to 1900. Concepts and content of history will be developed through discussion of the following areas: the Revolutionary and Constitutional eras, the formation and framework of American democracy, political democratization, westward expansion, the United States' role in world affairs, economic growth in the North and South, the Civil War and Reconstruction. **This course fulfills the U.S. History I graduation requirement.**

SS1040 Ancient History

1/2 CR.

This half-year course will analyze the political, economic and social development of the ancient world. Attention will also be given to the growth of ideas, education, and other aspects of intellectual and social history. Topics will include the dawn of the man and the ways he established civilized communities in the Nile River Valley and the Mesopotamia. The first half of the course will entail an analysis of the civilizations of Egypt and Mesopotamia. The second half of the course will analyze the classical civilization of Greece and Rome and their influence on our civilization today.

SS1050 Russia

1/2 CR

This half-year course will study the political, economic, and social development of the former Soviet Union from its formation to the present day. Concepts and content of history will be developed through the following topics: Soviet political ideology, political and physical geography of the region, the multicultural nature of the region, the break-up of the Soviet Union into various republics, and the modern development of these republics of their place in the world.

SPECIAL SERVICES DEPARTMENT

The Westfield Public Schools has a responsibility to provide an educational program for any student between the ages of 3 and 21 who has a handicapping condition which requires special educational services. When a student is experiencing difficulty within the regular education program, he or she may be referred for an evaluation under the state special education law, popularly known as Chapter 766 and the federal special education law, IDEA/72004 (Individual with Disabilities Education Improvement Act). Evaluations may include any or all of the following: measures of intellectual potential, social-emotional

status, achievement, speech and language functioning, gross and fine motor skills. Should the result of these assessments suggest a need for remedial assistance, options within both the general and special education programs will be explored.

Introduction: It is the belief of the Special Services Department that every student is entitled to participate in an educational program which enables him/her to develop skills and demonstrate effective progress. Students with a disability are instructed in an environment which is best suited to their individual abilities. Participation within regular education programs is encouraged and supported through a variety of ancillary services. High expectations and standards are maintained for all students. It is the department's goal to equip each student with the skills necessary to become a responsible, participating, productive citizen of his/her community. Toward that end, program options which enhance intellectual, social, and vocational skills are provided.

Course Prerequisites: Individualized Education Program (IEP)

The following programs are available to meet the needs of students with Individual Education Programs:

Language Learning Disabilities Program (LLD)

Resource Room Program (RR)

Essential Life Skills Program (ELS)

Development Learning Program (DLP)

Transitional Program

LANGUAGE LEARNING DISABILITIES PROGRAM

Students are scheduled for LLD classes as a result of an evaluation under Chapter 766 and at the recommendation of the IEP Team. This program is for students with a language-based learning disability where instruction is provided through classes that maintain a low student to teacher ratio.

RESOURCE ROOM

As a result of an evaluation under Chapter 766, a student may be scheduled to receive special education services through the Resource Room courses as listed below. These are provided to students with a wide range of academic skill levels and learning styles. Program flexibility allows for most students to spend the majority of their time in general education classroom settings.

SP1001, SP1002 Tutoring

1/2 CR.

This class is intended for the student who, in accordance with his/her Individualized Educational Program, requires supportive tutoring within a small group setting. Utilizing consultation with the classroom teacher, study/ organizational skills, program modification, and remediation are integral parts of this program. A student is usually scheduled for both semesters of the school year.

SP1101, SP1102 English 9

1/2 CR.

This course is designed for the student who needs further instruction in writing mechanics, writing, speaking and presenting, language, and comprehension. The student will be exposed to a variety of genres. Much of the work will be classroom centered with projects and active learning opportunities. The student may complete English requirements to his/her ability level in accordance with an Individual Educational Program (IEP).

SP1203 Algebra I

1 CR.

This class is intended for the student who requires further instruction in the four basic mathematics operations, word problems, decimals, percentage, and measurements. The students will be exposed to consumer mathematics, checking, banking, and budgeting. Algebraic concepts will be introduced with focus on equations, inequalities, linear graphing, exponents and factoring. The student may complete the mathematics requirement appropriate to his/her ability level in accordance with an Individualized Education Program.

SP1323 U.S. History I

1 CR.

This full year course will study the development of the United States from 1763 to 1877. Concepts and content of history will be presented through discussion of the following areas: the Revolutionary and Constitutional eras, the formation and framework of American democracy, political democratization, westward expansion, the United States' role in world affairs, economic growth in the North and South, the Civil War and Reconstruction. **This course fulfills the U.S. History I graduation requirement.**

SP1400 Health

1/2 CR.

This half year course covers the emotional, social and physical components of personal health. Topics include relationships, human sexuality, substance abuse, addictive behaviors disease prevention and control, consumer and, environmental health and nutrition. **This course fulfills the Health graduation requirement.**

SP1503 Physical Science

1 CR.

This course is designed for the student who requires further instruction with basic science concepts and the fundamentals of both Physics and Chemistry. The student may complete his/her science requirement to his/her ability level in accordance with an Individualized Education Program.

ESSENTIAL LIFE SKILLS

The Westfield High School Essential Life Skills Academic and Vocational Program provide students with access to the general education curriculum and a functional curriculum. Language Arts, Mathematics, Science, Family Life Education and Social Studies, as they relate to independent living and work, are presented in practical, hands-on situations.

SP5011, SP5012 Language Arts 9

1/2 CR.

This course focuses on Writing, Speaking and Presenting, Study Strategies, Language, Vocabulary, and Comprehension. The student will utilize a variety of materials such as: novels, short stories, plays, poems, magazines and newspaper articles, television programs, and videos, when appropriate. Most of the work is class centered. When necessary, the library is used for research. The materials and methods are in accordance with the student's Individualized Education Program (IEP).

SP5110 Access Health

1/2 CR.

This half-year course is designed to introduce students to health education, the human body and its major systems. The students learn about physical and emotional well being. Safety, first aid, nutrition, fitness and self-care are stressed. **This course meets the Health graduation requirement.**

SP5113 Access Physical Science

1 CR.

Students are introduced to the basic science concepts and math skills needed to develop an understanding of the fundamentals of Physics and Chemistry.

SP5213 Algebra I

1 CR.

This course covers pre-algebra concepts. These include but are not limited to fractions, decimals, equations, money exchange, and other assorted math problems related to daily life experiences. Students must pass a minimum of two years of mathematics to meet the graduation requirements.

SP5703 US History I

1 CR.

This course is required for graduation and will focus on the history and events involved in the formation and growth of our country through colonization up to Reconstruction.

SP5521/SP5522 Foods Vocational Program

1/2 CR.

Through hands-on projects the students are introduced to nutrition and food preparation skills. Baking, meal planning, and food shopping practices are stressed. Personal daily living skills and careers in foods are explored.

SP5701 Plant Science/ Vocational Program

1/2 CR

This course introduces students to basic botanical topics. The major topics are: plant structure and functions; plant growth; photosynthesis; reproduction; responsiveness and adaptation to the environment.

SP5702 Greenhouse/ Vocational Program

1/2 CR.

This course introduces students to the basic skills of plant propagation, gardening, and house plant cultivation. The course also introduces some of the principles of landscaping.

SP5621/SP5622 Clerical Vocational Program

1/2 CR.

This course introduces students to office related clerical skills through "hands-on" projects. Copying a variety of materials, collating, filing, and mail distributing are some of the skills introduced. Collaboration with local community groups enhance the program as community business donate projects on which the students work. The students learn necessary job skills such as, filling out job applications and mock interviews..

TRANSITIONAL PROGRAM

Individualized transition planning is provided to students based on their IEP. Areas covered may include transportation training, person-centered planning, independent living skills, postsecondary

education, budgeting, career exploration, community integration and on the job training. A Career Portfolio may be developed by the student and a competency-based model for preparing students to be gainfully employed is utilized.

DEVELOPMENT LEARNING PROGRAM

Students who possess significant developmental disabilities are provided with a comprehensive program designed to maximize their independent living skills within their home, school, work, and community. A low teacher/student ratio is maintained. Ancillary services could include Modified Physical Education, Physical Therapy, Occupational Therapy, and Speech and Language Therapy, and Adaptive P.E.

SPPE01/SPPE02 Adaptive Physical Education

1/2 CR.

SPD020 Developmental Math I

1 CR.

Developmental Math is an individualized blend of the Mathematics and Consumer Math Curriculums. The course uses real life examples to help students experience the link between math theory and practical application to discover the usefulness of math outside the classroom.

SPD041/SPD042 Developmental Language Arts

1/2 CR.

The Reading and Language curriculum will consist of functional reading skills, such as recognizing personal information, correspondence, telephone skills and accessing reference materials. In addition writing mechanics, speaking and presenting information, vocabulary and language development and comprehension skills.

SPD013 Developmental Social Studies

1 CR.

The students will demonstrate an understanding of the rights and responsibilities of individuals in conjunction with being part of a community. Students will be exposed and should be able to identify historical events and ideas. In addition, they will participate in Current Events exploring a different medium to access information.

SPD033 Developmental Science

1 CR.

The students will demonstrate an understanding and be exposed to the physical and chemical nature of the life processes, the flow of matter and energy in biological systems, the molecular basis of heredity and its social and ethical implications and the theories of evolution.

SPD063 Tutoring

1 CR.

This class is intended for the student who, in accordance with his/her Individualized Educational Program, requires supportive tutoring within a small group setting. Utilizing consultation with the classroom teacher, study/ organizational skills, program modification, and remediation are integral parts of this program.

LANGUAGE ARTS DEPARTMENT
WESTFIELD HIGH SCHOOL
 Common Sequence for Language Arts Courses

Grade 11/12

Grade 9

Grade 10

Literature & Composition - LA1009
 Poetry & Drama LA1109

Sophomore Writing -LA2021
 Sophomore Literature -LA2112

Career English - LA3201
 Creative Writing - LA3512
 Public Speaking - LA3700
 Folklore-LA3602 / Children's Lit-LA3901
 Mystery - LA3801
 Science Fiction & Fantasy - LA3212
 Social Issues in Literature - LA3422
 Themes: Decisions – LA 3431
 Themes: Conflict – LA3432

ACADEMIC
 *Literature & Composition LA1000
 *Poetry & Drama LA1100
 Student should have received an "A" or "B" in 8th grade Language Arts

ACADEMIC
 *Sophomore Writing - LA2011
 *Sophomore Literature - LA2102

ACADEMIC
 *College Writing - LA4002 (Seniors Only)
 *Early American Literature - LA3311
 *Later American Literature - LA3322
 *Multi-Cultural Literature - LA3401
 *British Literature - LA3101
 *World Literature I - LA3021
 *World Literature II - LA3022
 *Journalism I - LA3500
 *Journalism II- LA3550
 Public Speaking – LA3700
 Creative Writing - LA3512
 Folklore - LA3652 / Children's Lit-LA3951
 Mystery - LA3851
 Science Fiction & Fantasy - LA3252

 80% or better in Academic

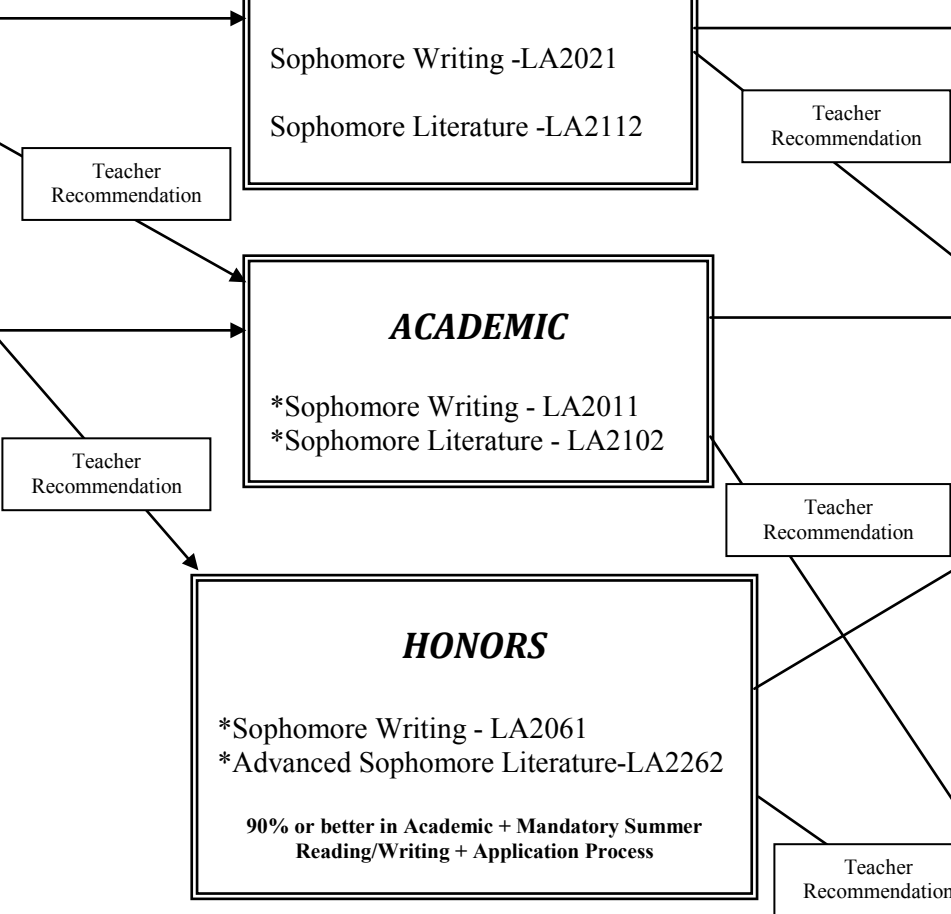
HONORS
 *Sophomore Writing - LA2061
 *Advanced Sophomore Literature-LA2262

 90% or better in Academic + Mandatory Summer Reading/Writing + Application Process

ADVANCED PLACEMENT

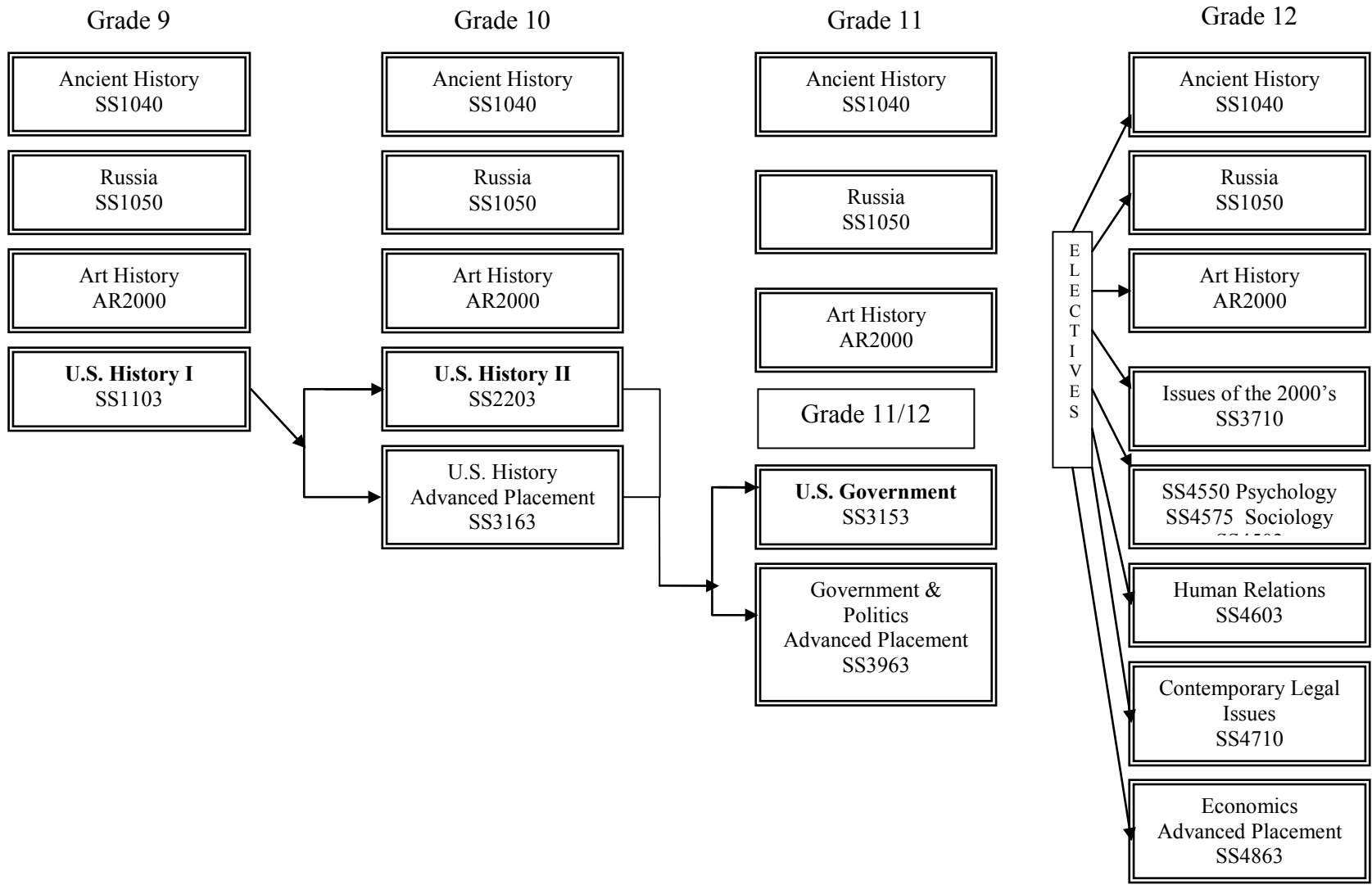
 *Advanced Placement Language and Composition (11) - LA3000
 *Advanced Placement Literature and Composition (12) - LA4000

 90% or better in Academic + Mandatory Summer Reading/Writing + Application Process



*Recognized by most 4 year colleges as a college preparatory course

SOCIAL STUDIES DEPARTMENT
WESTFIELD HIGH SCHOOL
 Common Sequence for Social Studies Courses



SCIENCE DEPARTMENT

**Conceptual
Physical
Science**
SC1000

**Physical
Science**
SC1003

**Honors
Physical
Science**
SC1013

Life Science
SC2133

Biology
SC2123

**Honors
Biology**
SC2113
**80 or better
in Physical
Science*

Plant Science
SC3200

Biological Diversity
SC3113
**Biology or Life Science.*

**Intro. Environmental
Science** SC3170
**70>Biology, Life Sci.
Semester

**Honors Anatomy &
Physiology**
SC3163 **80> Biology*

**Conceptual
Chemistry**

Chemistry
SC3403

Honors Chemistry
SC3463

**Landscaping
Principles** SC3210
**Plant Science *Semester*

**Greenhouse
Management** SC4220
**Plant Science *Semester*

**Issues in Environmental
Science** SC 3180
**70>Biology, Life Sci.
Semester

Forensic Science
SC3440

Conceptual Physics
SC2301 Elec. & Magnetism
SC2302 Waves, optics
**>70 Alg. & Geo.*

Physics
SC3313

Honors Physics
SC3363
80>Math Analysis

**Advanced Placement
Biology** SC4163
**80 >Chemistry, Biology*

**Advanced Placement
Physics**
SC4363
**70> Honors Physics
current Calculus*

**Advanced Placement
Chemistry**
SC3473
**80> in Honor's Chemistry*

**WESTFIELD HIGH SCHOOL
MATHEMATICS DEPARTMENT
Recommended
Sequence of Mathematics Courses**

8th Grade Performance

