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Mr. Michael Messori.....Assistant Principal
Mrs. Nicole VaroneAssistant Principal

GUIDANCE PERSONNEL

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Mrs. Kay Barone.....Counselor
Mrs. Toni Corry Director of Guidance
Mrs. Jennifer RuhleCounselor
Mr. Patrick Sullivan.....Counselor

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"Barrington Public Schools does not discriminate on the basis of race, color, national origin, disability, gender, age, religion or sexual orientation in admission to, access to, treatment in, or employment in its services, programs, and activities."

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FOREWORD

Dear Parents and Students,

The Barrington High School Program of Studies has been prepared to assist you in planning your four-year educational program. A study of the contents will reveal the academic strength of the curriculum as well as the diversity of curricular offerings. The many options will allow you to individualize your course of study and meet your objectives, needs and interests.

The faculty and staff of Barrington High School are prepared to help you make the most of your opportunities. Be certain to confer with teachers and counselors for academic advice about what course or courses to take. As you make those decisions, keep in mind what it is you want to do after high school. If you are undecided, keep your options open.

My personal best wishes are extended to you for a positive, involved and successful school year.

Sincerely,

*Joseph D. Hurley
Principal*

BARRINGTON HIGH SCHOOL

Mission and Expectations for Student Learning

The mission of Barrington High School is to equip each student with the knowledge and skills necessary to be a confident, cooperative, critical decision maker and ethical contributor to a competitive and ever-changing world; this purpose is accomplished by providing an academically rigorous curriculum, diverse co-curricular opportunities, and effective instructional strategies which challenge all students to reach their highest levels of achievement.

Barrington High School students will:

Academic Expectations

Problem Solving

- Think critically and reason effectively to solve complex problems.

Literacy

- Write effectively.
- Read with understanding a wide variety of texts.
- Communicate orally in a variety of situations.

Technology

- Apply technology skills to access information, analyze data, and communicate ideas and information.

Understanding the world community

- Demonstrate an understanding of various past and present political, social, and economic systems.

The Arts

- Create or perform in and respond to one of the arts (music, visual, dance or theatre).

Social Expectations

Act responsibly and respectfully toward self and others.

- Design an Individual Learning Plan.
- Respect diversity and the importance of balancing individual freedom with the needs and rights of others.
- Accept responsibility for one's own learning and behavior.
- Accept and apply constructive feedback.

Work actively and cooperatively to achieve group goals and resolve issues.

- Use positive interpersonal skills.
- Demonstrate a willingness to collaborate.
- Monitor behavior as a group member.

Make appropriate choices affecting their physical, social, and emotional well-being.

- Access support personnel and programs.
- Participate in co-curricular activities.

Civic Expectations

Demonstrate a personal sense of ethics that includes honesty, integrity, and self-control.

- Adhere to school policies on academic honesty.
- Follow the expectations outlined in the school's Code of Conduct.

Contribute to society as a responsible and skilled citizen.

Graduation Requirements

The Rhode Island Department of Education has developed a Diploma System that affects all public high school students. Barrington High School students must complete a minimum of 23 academic credits. Along with the successful completion of these credits, students must also demonstrate proficiency in six core academic areas (English, mathematics, science, social studies, technology, and the arts) through multiple measures including coursework, state assessments, and performance-based diploma assessments that incorporate applied learning skills. To help individual students attain proficiency, an Individual Learning Plan must be created to provide the framework to identify a student’s goals and the pathways used to achieve the necessary skills for success. A student’s ILP is a personal, proficiency profile that includes and documents the measures and opportunities used to determine the attainment of overall proficiency for graduation.

The specific requirements that students must meet in order to graduate are as follows:

- Successful completion of a minimum of 23 academic credits
- Demonstration of proficiency in six “core academic areas” (English, mathematics, science, social studies, technology, and the arts)
- Achievement of a score of at least “partially proficient” on the English and mathematics NECAP assessments beginning with the Class of 2012
Students who do not achieve a partially proficient score on the English and mathematics NECAP assessments will be afforded the opportunity to either retake the NECAP exam or demonstrate proficiency through additional assessments as permitted by and in conformity with the applicable secondary school regulations promulgated by the Rhode Island Board of Regents.
- Successful completion of two performance-based graduation requirements:
 - Comprehensive Course Assessments
 - Senior Project
- Creation of an Individual Learning Plan (ILP)

Students must earn 23 academic credits and meet all course requirements as follows:

Course(s)	Credit(s)
English	4.00
Mathematics	4.00
Science	3.00
Social Studies	
• World History	1.00
• United States History	1.00
• American Government	.50
• Economics	.50
Art/Music/Theatre/Dance	.50
Physical Education/Health	2.00
Electives	6.50
Senior Project	Must Pass
Total Credits	23.00

In order to receive a Barrington High School diploma, a student must have attended Barrington High School for at least a full semester immediately prior to graduation. The transcripts of students who transfer from another school will be reviewed to determine if any modifications in either course or credit requirements are warranted. Under extenuating circumstances, the credit requirement for physical education/health may be waived for medical reasons.

Parent(s)/Guardian(s) of a student who has not met the above requirements, has an active Individual Education Plan (IEP), is eligible for a Free and Appropriate Public Education (FAPE) until the age of twenty-one, will have completed four years of high school and who wishes to participate in the graduation ceremony with his or her class, may request that the student participate in graduation ceremonies and receive a certificate of participation. Parent(s)/Guardian(s) must notify the high school principal prior to October of the school year in which they wish to have their child participate. Receipt of a certificate of participation under this policy will not affect a student's right to receive FAPE, or to receive a diploma in the event that the student should subsequently meet the above requirements.

These graduation requirements are subject to ongoing review and revision and are in accordance with School Committee policy and applicable state regulations.

NEW STUDENT REGISTRATION

All students new to Barrington High School must register at the Barrington Public Schools Administration Office and must be accompanied by a parent/legal guardian. The Administration Office is open throughout the school year and during the summer. When parents/legal guardians register a student, the following documentation is required:

- Birth certificate
- Proof of residency
- Medical records
- Current report card and transcript

Once the student has been registered at the Administration Office, the parent and student must schedule an appointment with the high school guidance office to complete the registration and course selection process.

COURSE SELECTION PROCEDURES

1. Read all materials carefully, including the course descriptions in this booklet, before completing your "Course Selection Form".
2. Complete your "Course Selection Form" as follows:
 - a. Print your complete name at the top.
 - b. Print the complete title, course number and credits of the courses you wish to take. Consult the "Course Selection Form" for the correct course title and number.

HONORING COURSE SELECTIONS

Course selection is one of the most important commitments that take place each year. Discuss your choices with your counselor, teachers and parents. Once you choose your program, we strive to tailor our resources to meet your needs. Teaching personnel, rooms, textbooks, and materials are all planned for with your selections in mind. It is important, then, that once enrollment has been determined, teachers and rooms have been assigned based upon course selections and the number of students taking these courses, out of fairness to all we must assume that your schedule for the upcoming year has been finalized. Students and parents, therefore, should plan to make adjustments in course selections prior to the start of the new school year. It is important to note that courses will be offered pending sufficient enrollment and availability of staff. Students who have selected a course that is cancelled will be asked to make an alternate selection.

Based on the courses that students and parents have requested, we build a master class schedule that attempts to accommodate the requested course selections. In some cases, students may have scheduling conflicts that will have to be resolved with the counselor through the selection of alternate courses. Because the number of classes to be offered, class size and teacher assignments are determined during this process, late course changes may be impossible to arrange.

COURSE CHANGES

Careful thought must be given to each course selection. Discuss your choices with your counselor, teachers and parents. Do not register for classes with the idea that changes will be made if things do not work out. A decision to elect a course is much like a contract. All changes in a student's schedule will be made in accordance with the following guidelines and restrictions:

1. Student schedules will be distributed in the spring or summer to provide students the opportunity to make changes or correct scheduling errors before the beginning of school. You must contact the guidance department, including during summer vacation, as soon as you know a change is necessary.

2. Course changes are subject to the availability of space in the requested course.
3. During the first ten days of a semester, schedule changes may be made for reasons including:
 - Correcting an error in your schedule
 - Changing a class as a result of summer school
 - Adding an additional course (students are responsible for all work covered during their absence)
 - Dropping a course only if the 6.00 credits per year requirement is met
 - Changing a curriculum level following a counselor/teacher/parent conference
4. A student may drop a course up to one week after the midterm of the first and third marking periods without any notation appearing on the transcript. After that point, a “W” will be recorded on the transcript. Adding a replacement course is not possible.
5. If a marking period has passed, the student’s grade will be noted on the permanent record/transcript for that marking period; a withdrawal (W) will be noted for subsequent marking period.
6. A student may not drop a course in the last two weeks of a marking period.

COURSE LEVELS

In some courses, students are assigned to course levels as determined by their previous scholastic performance, counselor and/or teacher recommendation, and standardized test scores. Assignment to course levels may vary from subject to subject, thus making it possible to challenge you in areas where you have shown outstanding achievement and to allow you to proceed at a normal pace in other areas. Assignment to levels is determined each year during the course selection period, but is subject to review at any time at the request of a parent, student or professional staff member.

Level 1: These courses are offered at an accelerated pace for students who have demonstrated outstanding ability. Most courses in this level are designated as either Advanced Placement or Honors.

Level 2: These courses are offered at a challenging pace for students who have demonstrated average ability and mastery of fundamental academic skills. Most courses in this level are of a traditional college preparatory nature.

Level 3: These courses are offered for students who need an approach that emphasizes an understanding of the fundamentals of a subject and the improvement of basic skills. These courses are offered at a slower pace but still designed to challenge students.

Level 4: These courses are offered for students who need applied learning. The course content is developed and modified to meet individual student needs, strengths and weaknesses.

GRADING SYSTEM

A+	97-100	4.33
A	93-96	4.00
A-	90-92	3.67
B+	87-89	3.33
B	83-86	3.00
B-	80-82	2.67
C+	77-79	2.33
C	73-76	2.00
C-	70-72	1.67
D+	67-69	1.33
D	63-66	1.00
D-	60-62	0.67
F	0-59	0.00

P	Passing
I	Incomplete
W	Withdrew
WF	Withdrew/Failing
AUD	Audit
MED	Medical

Grade Point Average is based on the unweighted average of grades in all courses (except independent study) taken only at Barrington High School using the scale above. Class rank is not reported. Students are allotted credit for courses they pass on the basis of the semester average. Each marking period grade is worth 40% of the semester grade and the semester examination is worth 20% of that grade. The first marking period grade, the second marking period grade and the first semester examination are averaged to obtain the first semester average. The third marking period grade, the fourth marking period grade and the second semester examination are averaged to obtain the second semester grade.

INDEPENDENT STUDY PROGRAM

The goals of the Independent Study Program (ISP) are to nurture independent thinking, creativity and self-direction by allowing students to develop individual interests and talents or pursue a topic of interest in greater depth. This program allows students to work independently under the direction of a teacher who will serve as a sponsor. The ISP may NOT be used to satisfy course requirements for graduation. ISP must be selected in addition to the 6.00 credits students must carry per year. No more than one ISP credit may be used for a graduation requirement. Students may choose a semester project (1/2 credit) or a yearlong project (1 credit). After the student has completed the ISP, the teacher will submit an evaluation form to the guidance counselor. Once successfully completed, the student's transcript will signify that an ISP was undertaken, the area in which it was pursued, a grade of Passing (P), and the credit earned. The ISP will not appear on a student's schedule since students generally work on this topic either during a study period or during after school hours. In order to be considered for approval, the fully completed ISP form must be submitted to the guidance counselor no later than two weeks into the semester during which the ISP will be pursued. The following procedures must be followed:

1. Identify a topic of interest for the ISP.
2. Confer with the guidance counselor regarding the ISP proposal.
3. Obtain an ISP form from the guidance office.
4. Find a teacher (in the subject area) to serve as the sponsor and to clarify the scope of the ISP.
5. Complete the ISP form (goals and objectives, a detailed description of the project and deadlines for submission of work).
6. Obtain final approval from the teacher, guidance counselor, department chair, and principal.

ADVANCED PLACEMENT COURSES

Barrington High School participates in the College Entrance Examination Board's Advanced Placement Program. Qualified students may enroll in the following courses:

Advanced Placement Biology	Advanced Placement Calculus (AB Level)
Advanced Placement Calculus (BC Level)	Advanced Placement Chemistry
Advanced Placement Computer Science A	Advanced Placement French Language
Advanced Placement English	Advanced Placement Spanish Language
Advanced Placement Latin: Vergil	Advanced Placement World History
Advanced Placement Physics C	
Advanced Placement Statistics	
Advanced Placement U.S. Government & Politics	
Advanced Placement United States History	

In May of each year, National Standardized Examinations are given in each course. Students should make every effort to take these examinations. Fees, payable by the student, for these tests are set by the CEEB. Colleges may, according to their individual policies, award credit, advanced placement standing, or both for the achievement of specified scores on these examinations. Students may take these examinations without having taken the particular course. Details are available in the Guidance Office.

REPEAT COURSES

A repeat course is one that the student takes during the academic year after previously failing that course. A student who passes a repeat course will have both the failing and the repeat grade computed in the GPA. A student who fails a required course and who does not attend summer school will normally be expected to make up this course during the following academic year. Courses taken during the summer are not factored in the GPA.

REVIEW (AUDIT) COURSES

A review course is one that a student has taken previously and for which credit was received. When the student completes the review course, no credit is given. Also, the grade is not computed in the GPA. If a student chooses to take a course that he/she has already passed, the original grade and credit will still stand. Students who are auditing a course are still required to enroll in a minimum of 6.00 credits in addition to the audited course.

COLLEGE COURSES

A student may, upon approval of the guidance counselor or principal, take one course carrying college credit during a semester or summer session and receive one-half credit for each three credit course. All college level course work will be noted on the student's permanent record. Grades for college courses are not included in determining Grade Point Average. (GPA)

WEB-BASED COURSES

A student may, upon approval of the guidance counselor and principal, take one on-line/web-based course during a semester or summer session and receive up to one-half credit. The course and credit must receive prior approval. The course work will be noted on the student's permanent record. Grades for on-line/web-based courses are not included in determining Grade Point Average. The courses must be offered by a program or school (high school or college) that is accredited by one of the six regional accrediting agencies or by the appropriate state department of education. Students must still carry a full academic program (6.00 credits) at Barrington High School. The student must complete the online course one week prior to the close of the semester.

EARLY ADMISSION TO COLLEGE

Students admitted to college before completing the requirements for graduation may receive a diploma on presentation of the official college transcript indicating successful completion of the credits necessary to meet our requirements. A written parental request must be obtained for all students.

EARLY GRADUATION

These students are eligible for senior awards, including election to the National Honor Society. These students will receive their diploma in June. It must be understood, however, that as graduates, formal participation in all school activities terminates upon January graduation. A written parental request must be obtained for all students who wish to complete the requirements for graduation in less than four years and receive a diploma at the next scheduled graduation ceremony.

ART

SUGGESTED COURSE SEQUENCES

1. Students wishing to meet their fine arts requirement (1/2 credit) for graduation should consider taking *Drawing, Graphic Design, Studio Art, Printmaking, or Ceramics I*.
2. The fine arts requirement may also be met by completing a music course, Architectural Drafting, or Woodworking.
3. A typical course sequence for art, architecture, or visual communications majors would be:

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Basic Drawing	Graphic Design	Drawing/Painting II	Art Portfolio
Studio Art	Ceramics II	Digital Imaging	Architectural Drafting
Ceramics I	Printmaking	Computer-Aided Drafting	
4. Students who are majoring in other than art but who have an interest in taking more art courses may take the following without art course prerequisites: *Basic Drawing, Ceramics I, Printmaking, Graphic Design*.

901 STUDIO ART

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

This course provides students with a series of studio experiences in drawing, painting and mixed media in the first semester and sculptural processes and crafts in the second semester. Creative thinking is emphasized and supported by instruction in design and technique in all media areas. Studio art is ideal for students wanting a varied art course and for students wanting a broad foundation for future courses in the visual arts.

905 DRAWING I

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This course introduces students to basic drawing techniques. Simple perspective, proportion, line, composition and tonal values are emphasized using materials such as pencil, charcoal, conte, ink and watercolor. Studies in still life, objects from nature, landscapes and human form will be explored. Students are required to complete sketchbook assignments in addition to the drawings made in class. Sketchbooks submitted for periodic review by the instructor and class critiques are part of the evaluation process. This course is strongly recommended for students pursuing a career in art and/or who wish to follow a standard sequence of art courses.

906 DRAWING AND PAINTING II

1/2 Credit ♦ One Semester ♦ Level 1 ♦ Grades 11-12

Prerequisite: Basic Drawing

This course is designed for students who have a special interest in further developing the skills learned in basic drawing and who are seeking an introduction into painting styles and techniques drawing on historical examples. This advanced course offers students experiences in creative drawing and painting from interpretation and observation. A variety of materials such as pastels, charcoal, pencil, acrylics, oils, and watercolors are explored. Individual and group critiques are an essential part of the course.

911 PRINTMAKING

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12

In this course, students will be introduced to a wide variety of printmaking techniques and processes. Students will learn relief printing techniques such as lino-cut and woodcut. More sophisticated intaglio techniques such as drypoint etching, copper etching, and chine colle are explored as well as lithography and silk screen printing. Basic drawing skills are helpful in this course.

912 GRAPHIC DESIGN AND IMAGING I

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 10-12

This course is designed to introduce students to various computer graphics software programs and techniques pertinent to the graphic design field. Emphasis will be on the communication of concepts through the medium of design and type. Students will explore the elements and principles of design by hand prior to using the computer to create finished designs. Images will be created from the purposes of advertising, promotion, editorial illustration, brand identity, and packaging. This course will have commercial, photographic and fine arts components.

913 DIGITAL IMAGING

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 10-12

Prerequisite: Graphic Design and access to a digital camera

This course introduces students to the range, origins, and artistic principles involved in photography & photo inspired design. In the first half of the course, students will learn about the basic functions of an SLR camera by working with both digital and analog models. They will shoot assignments based on the principals discussed and demonstrated, and will make added manipulations using Adobe PhotoShop software. In the latter half of the course, students will work on larger, multi-tiered design projects with photography and imagery as a central focus of their artwork. Yearbook spreads, book illustration, and alternative printing methods are some of the topics that will be explored.

915 CERAMICS I

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This course provides an introduction to clay as an art medium. Students will learn basic techniques of hand building with clay, including pinch, coil, and slab construction. An emphasis will be placed on relating the fundamentals of three-dimensional design to student artwork. Students will learn a variety of decoration techniques as well as a pottery studio vocabulary.

916 CERAMICS II

1/2 Credit ♦ One Semester ♦ Level 1 ♦ Grades 10-12

Prerequisite: Ceramics I

This course is designed for students who have a special interest in using clay as an art medium have successfully completed Ceramics I, and have well-developed skill from taking that course. Students need to have well-developed skills from Ceramics I to be successful in this course. Students will have the opportunity to further develop the ceramics techniques and concepts of three-dimensional design learned in Ceramics I. This course will also provide the opportunity for students to learn techniques of working with clay on the potter's wheel. An overview of the history of ceramics will be studied to provide background for understanding ceramics processes and design. In addition to certain artwork, a historical research project and oral presentation of this work is a requirement of this course.

923 ART PORTFOLIO

1/2 Credit ♦ One Semester ♦ Level 1 ♦ Grade 12

Prerequisite: Basic Drawing, and Drawing and Painting

This course is designed for students interested in a challenging course to complete their high school art experience or in continuing their education in art beyond high school. This advanced course offers students the opportunity to discuss and evaluate their work in breadth and depth, develop and execute ideas for new work, observe demonstrations of new techniques, and study and evaluate the work of experienced artists through slides and visiting artists. field trips. Each student learns to assemble a professional portfolio for art presentation and school admissions (if needed). The intent of this course is to assist art students in identifying the strengths and weaknesses of their work and articulating a sense of independent directions or focus.

BUSINESS EDUCATION

611 COMPUTER KEYBOARDING

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9 -12

The skills achieved in this course are invaluable to the student in satisfactorily completing writing assignments with speed and accuracy as well as the tools necessary to successfully format the Senior Project documents. This course is designed to develop the keyboarding skills of college-bound and career-oriented students by providing instruction in the basic techniques of operating a computer by using the touch system. Emphasis is placed on the application of this skill by using Microsoft Word to compose memos, letters, reports (Modern Language Association format), and tables.

620 PERSONAL FINANCE

1 Credit ♦ Full Year ♦ Level 3 ♦ Grades 9-12

This course explores topics that are useful to students in their daily lives now and in the future. Students will work on classroom activities that involve managing their finances, budgeting, using credit, banking and other pertinent topics involving money management essential to personal financial success. Students will have the opportunity to work with Federal Income Tax forms and learn how to manually file their taxes. Relevant real-world applications in form of the Be Real game and computer-oriented applications will enhance and reinforce student's math skills. Guest speakers are invited throughout the course to reinforce money management. *Personal Finance may be applied as a mathematics credit for graduation.*

622 ACCOUNTING I

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

This course instills in the student an understanding of practices and procedures in handling and keeping accurate records and accounts starting with the Balance Sheet and working through the basic accounting cycle. This goal is accomplished by first introducing the cycle in its simplest form – a personal service business; and secondly, by repeating the accounting cycle in a more advanced form – a merchandising business using special journals such as Purchases, Sales, Cash Payments, Cash Receipts, and a General Ledger. The main tools of instruction are workbook activities, simulation problems, projects, and practice sets. Students will have the opportunity to work with various Federal and State Income Tax forms and learn how to manually file their taxes. Computer-assisted accounting using Peachtree Accounting software is incorporated throughout the course. *Accounting I may be applied as a mathematics credit for graduation.*

650 MARKETING-SPORTS AND ENTERTAINMENT

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

Everything is marketing. To sell anything you must be able to “get the word out” (market) the product. This course provides students with an introduction to activities needed to get goods and services from producer to consumer. The major areas of marketing that will be covered are career opportunities, the marketing process, buying and selling activities, product information, sales promotion, and advertising activities with an emphasis on the sports and entertainment industry. Students will operate and market a franchise by controlling decisions through Virtual Business – Sports, which is a highly visual simulation of a football franchise.

656 ENTREPRENEURSHIP

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 10-12

Starting your own business can be very rewarding but also very risky. The knowledge of all aspects that go into planning and operating a business is invaluable information. Students will participate in a wide range of group activities designed to build small business skills and knowledge and to develop critical thinking and life skills. Students will learn to identify and develop necessary business skills to open their own business, scan the community for small business opportunities, and prepare a business plan that includes a marketing plan and financial projections. Students may take this plan a step further and actually open their own business within the community. This course will use the nationally known **REAL Entrepreneurship, Inc.** curriculum.

660 INTERNATIONAL BUSINESS

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 10-12

Why do companies frequently expand their business operations into other countries? What are the benefits and drawbacks of doing business in other countries? INTERNATIONAL BUSINESS will attempt to guide students by preparing them to work, live and provide them with a competitive edge in today's global economy. Topics to be addressed in this course will include cultural and social influences in business; international communications; importing, exporting, and international trade; and governmental, legal, economic and geographic influences of international business. Also covered in the course will be the cultural aspects of doing business in foreign countries, international business careers, and diversity in the American workplace.

661 FASHION MERCHANDISING

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

Fashion Merchandising will explore a career in the Fashion Merchandising industry. The course will include the study of the design and production of ready-to-wear clothes, the distribution of merchandise, and the marketing of fashion apparel and accessories to the consumer. Field trips to local malls and guest speakers will be an important part of this course along with the planning of a fashion show.

663 BUSINESS LAW

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

Business Law is a dynamic course that addresses contracts, consumer protection, ethics of law, negotiable instruments, product liability, and the law of torts. Students will analyze case studies involving legal issues in their lives. Guest speakers, field trips, and simulated trials will be scheduled as well as a review of the court systems. This course is highly recommended for students intending to pursue a business-related major in college.

664 INTRODUCTION TO TELEVISION/VIDEO PRODUCTION1/2 Credit ♦ One Semester ♦
Level 2 ♦ Grades 9-12

This course is designed to introduce students to the field of television production utilizing the BHS television/video production studio. This course will focus on students demonstrating their ability to write scripts, conduct interviews, and learn video formatting. Students will learn how to operate a video camcorder, techniques related to lighting, video and audio mixing, and teleprompter controls as well as basic non-linear video editing using Adobe Premiere.

665 ADVANCED TELEVISION PRODUCTION

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

Prerequisite: Introduction to Television Production

Advanced Television Production with its hands-on “production room” approach will allow students to further develop skills for script writing, producing, filming, editing, set design, and chroma key technology. Students will be assigned production team roles including reporter, producer, audio/video technician, as well as a member of a marketing team for the production of various television programs. Students will also work in conjunction with Advanced Journalism students to cover more in-depth news segments for BHS news programming. Guest speakers and field trips to local television production studios will reinforce the skills and experiences students need within the television industry.

668 ECONOMICS TODAY AND TOMORROW

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

This course provides students, through a unique visual/verbal approach, the opportunity to learn about the U.S. Free Enterprise System and explore their roles as citizens, producers, and consumers while studying fundamental economic principles. *Economics Today and Tomorrow* connects economic concepts to real life, making study relevant and interesting. This program contains in-depth coverage of the new economy and the impact of the digital revolution.

677 WORK STUDY

1-2 Credits ♦ Full Year ♦ Level 2 ♦ Grades 11-12

Prerequisite: Personal interview with the School-To-Career Coordinator and a Character Letter of Recommendation from a faculty member

The very nature of this program is designed to utilize the creativity and talents of the students to develop a valuable asset to the business community. A sampling of the industry clusters from which to choose include:

- Hospitality
- Finance
- Healthcare
- Child Care
- Elementary Education
- Manufacturing
- Technology
- Public Service
- Boat Building Industry
- Retail

Students will be placed in a work-site based on business availability, student ability and field of interest. The intention is to have the student serve as a student employee of a particular business and develop real employability skills that will enhance their marketability as they pursue future careers.

This work-based learning program is a unique opportunity for students to have a real hands-on learning experience geared towards the student enhancing valuable life skills including responsibility, problem solving, and communicating with industry professionals. This program will give students exposure to industry and the expectations of the work force as well as experience deemed essential for success in the real world. Based on this experience, students will be prepared to make informed decisions with regards to careers and educational preparation. Pending successful completion of the requirements of this program, student may earn 1-2 credits depending on their job placement and/or schedule.

COMPUTER SCIENCE/TECHNOLOGY

470 MICROSOFT OFFICE APPLICATIONS

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

Students will master technology as a means of communication by using the Microsoft Office Suite. This course provides students extensive instruction in Microsoft **Word** specifically designed to assist in the document preparation needs of individuals or businesses. Using Microsoft **Excel**, the student will create and manage spreadsheet documents with text, formulas, functions, charts, and graphics. The student will also learn Microsoft **Access** and be able to design and create a database, work with table structure, forms, reports and queries. This course is invaluable in preparing students for the technology component of the Senior Project. It is recommended that students either possess keyboarding competency or elect Computer Keyboarding prior to electing this course. It is recommended that students either possess keyboarding competency or elect Computer Keyboarding prior to electing this course.

471 COMPUTER SCIENCE - BASIC

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

Prerequisite: Algebra I

In this course you will explore how to use Visual Basic 6.0 to develop Windows applications. It emphasizes the development of programming skills in the Basic language. Focus will be given towards problem solving, visual design, and programming concepts. Some of the concepts covered include decision and looping structures, use of functions and the scope of variables. This course is recommended for students seeking a first course in computer programming.

477 ADVANCED PLACEMENT COMPUTER SCIENCE A - JAVA

1 Credit ♦ Full Year
Level 1 ♦ Grades 10-12

Prerequisite: Algebra II

This is a rigorous introductory computer science course that emphasizes object oriented programming methodology, the analysis of algorithms, recursive functions, and fundamental/advanced data structures. Students design and write programming solutions to problems in several application areas. These applications are used to develop student awareness of the need for particular algorithms and data structures as well as to provide topics for programming assignments to which students can apply their knowledge. Students are required to learn a case study. This allows students to see concretely the design and implementation decisions leading to a solution to a problem and allows them to focus more effectively on these aspects of the programming process. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

480 TROUBLESHOOTING, MAINTAINING & UPGRADING PC'S

1/2 Credit ♦ One Semester
Level 2 ♦ Grades 10-12

Prerequisite: Microsoft Office Applications or a Computer Science Course

Computer troubleshooting is of value to anyone who has ever worked on a computer. The ability to troubleshoot your own problems and maintain and upgrade your computer is a marketable skill that could also be of use in other careers. This course will enable students to explore basic PC system components with hands-on lab experience in disassembling and assembling a computer. Hardware, software, networking basics including local and wide area networks, and requirements for A+ certification will also be explored.

483 SENIOR PROJECT SKILLS PREP

½ Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

This exciting class is designed to prepare the student in all aspects of Senior Project as it applies to technology as well as various presentation skills. Included will be instruction in the composition and computer formatting of the *Letter of Intent*, *Letter to the Judge*, and thank you letters. In-depth MLA formatting will be addressed in preparation for writing the *Research Paper*. Other pertinent topics that will be covered are use of the technology tools (PowerPoint, Moviemaker, and Outlook), public speaking and interviewing techniques, proper use of telecommunication devices, and text messaging and cell phone etiquette. “Dress for Success” – proper business attire will also be addressed.

ENGLISH

THE PORTFOLIO COMPONENT: *As part of their Comprehensive Course Assessments, students in year long English courses prepare portfolios of their work to demonstrate Grade Span Expectation proficiencies. There are two completed portfolios required of each student:*

The Gateway Portfolio is a selection of graded exhibits produced for English classes during 9th and 10th grades; together with evidence from mid-year and final exams and NECAP testing, the exhibits in their portfolio demonstrate proficiency with the 10th grade GSEs for Reading, Writing, and Oral Communication. Written reflections on the GSE proficiencies demonstrated by each exhibit are included in the portfolio. Students whose Gateway Portfolios are not proficient by the end of 10th grade will require intervention before they may begin a junior English course. Interventions include:

- *Re-taking the Sophomore English course (for severely deficient portfolios),*
- *Completing the Gateway Portfolio requirements in BHS Summer School (for anyone),*

The Graduation Readiness Portfolio is a selection of graded exhibits produced for English classes during the 11th grade; together with evidence from mid-year and final exams, the exhibits in this portfolio demonstrate both proficiency with the 11th and 12th grade GSEs for Reading, Writing and Oral Communication and readiness to produce the high stakes work of the Senior Project: a research paper, a presentation and a portfolio.

Students who have Graduation Readiness Portfolios which are not proficient by the end of the Junior year will be required to work on them in one of the following ways:

- *Re-taking the junior English course (for severely deficient portfolios),*
- *Completing the Graduation Readiness Portfolio requirements in BHS Summer School (for anyone)*

Gateway or Readiness Portfolios completed during summer school are evaluated by summer school staff. Those completed during the first quarter of the next year must be submitted to the English Department chair for evaluation.

111 LANGUAGE AND LITERATURE

1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 9

This course is fundamentally the same in its structure and purposes as 112, but the complexity of the texts selected and tasks assigned, and the pace of the class assume greater readiness for independent work from the students who select it. Learning is assessed in a variety of ways including the compilation of a portfolio (*See Portfolio Note*) and common exams given to all Language and Literature students (levels 111, 112 and 113) at the end of each semester.

112 LANGUAGE AND LITERATURE

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 9

Language and Literature 112 is a college preparatory genre study course designed to develop students' proficiencies as readers and writers. Formal and informal writing assignments – including a research paper during the second semester – are designed to develop the expository, persuasive, reflective and expressive writing proficiencies named in the Grade Span Expectations (GSE's) for the end of 10th grade. Similarly, use of texts in a variety of genre develop GSE Reading proficiencies, and an emphasis on presentations and group work develop GSE Oral Communication proficiencies. Learning is assessed in a variety of ways including the compilation of a portfolio (*See Portfolio Note*) and common exams given to all Language and Literature students (levels 111, 112, and 113) at the end of each semester.

113 LANGUAGE AND LITERATURE

1 Credit ♦ Full Year ♦ Level 3 ♦ Grade 9

Language and Literature 113 is a course designed to help students who have documented cognitive needs meet literacy goals in literature and reading, writing and composition, speaking and listening, and study and reference skills. Within the course, students read appropriate high school material (short stories, novels, poetry and drama) that is challenging and interesting and helps to improve comprehension and breadth of vocabulary knowledge and usage. Attention is also given to developing analysis and interpretation skills, and to identifying literary devices and elements. Throughout the year, focus is given to improving grammar, mechanics, sentence structure and paragraph development. In addition, students engage in multiple kinds of writing (reflective, narrative, creative) and practice the writing process. The final writing assignment for the course is a short research paper that requires students to research, evaluate, and select informational texts, as well as state and maintain a thesis. Students also practice and develop oral communication skills through group work, class discussions, and individual presentations. Skills acquired are assessed through the compilation of a portfolio (*See Portfolio Note*) and common exams given to all Language and Literature students (levels 111, 112, and 113) at the end of each semester. Students whose work shows sufficient improvement will be recommended for American Literature 122 or 125. Students whose work shows the need for continued remediation will be recommended for American Literature 123.

121 AMERICAN LITERATURE

1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 10

This course is fundamentally the same in its structure and purposes as 122, but the complexity of the texts selected and tasks assigned, and the pace of the class assume greater readiness for independent work from the students who select it. Learning is assessed in a variety of ways including the compilation of a portfolio (*See Portfolio Note*) and common exams given to all American Literature students (levels 121, 122 and 123) at the end of each semester.

122 AMERICAN LITERATURE

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 10

American Literature is a course in which students read extensively from pre-Colonial to present day American literature. The course is organized thematically by essential questions, while preserving chronological sequencing. Through a careful investigation of the past and an analysis of the values of our modern, complex society, students attain an awareness of our American heritage. The students will consider the historical setting together with the literature of the period. Each student is expected to learn the techniques of literary analysis, discover themes, identify literary techniques and devices, and develop an understanding of various genres. A major goal is that the students learn to express their understanding of American literature in various genre of writing, especially expository and persuasive, in the GSE's. In addition, students continue to widen their breadth and usage of vocabulary; improve grammar, mechanics, and sentence structure; and develop speaking skills through a variety of oral projects and presentations. Skills and content are assessed through the compilation of a portfolio (*see Portfolio Note*) and common exams are given to all American Literature (121, 122, and 123) students at the end of each semester.

123 AMERICAN LITERATURE

1 Credit ♦ Full Year ♦ Level 3 ♦ Grade 10

American Literature 123 is a course designed to help students with documented cognitive needs meet literacy goals in literature and reading, writing and composition, speaking and listening, and study reference skills. The course is organized thematically by essential questions, while preserving chronological sequencing. Each student is expected to improve his/her reading comprehension (initial understanding of literary and informational texts), and his/her ability to identify literary devices and techniques to analyze literary texts. Students will also work on writing with a focus, developing vocabulary and improving grammatical skills. One underlying goal of this course is to enhance a student's study skills and self-management techniques. Content and skills are assessed through the compilation of a portfolio (*See Portfolio Note*), and common exams are given to all American Literature

(121, 122 and 123) and American Studies (125) students at the end of each semester. Students electing this course need to be recommended by their 9th grade English teacher, who will confer with reading specialists and special educators as they determine appropriate recommendations.

125 AMERICAN STUDIES

2 Credits ♦ Full Year ♦ Level 1/2 ♦ Grade 10

This course combines American History and American Literature to deepen the student's understanding of America. Through interdisciplinary readings, varied writing assignments, and individual and group presentations, students will enhance their skills in composition, discussion, understanding literature, critical thinking, research, and historical analysis. The course will be co-taught by an English and history teacher during two consecutive class periods. Students will receive one combined grade but will receive credit for both American Literature and U.S. History. Enrollment will be limited to 100 students. If more than 100 students register for the course, students will be selected by lottery. This course will be equivalent to completing either 121 or 122 American Literature and 221 U.S. History. Learning is assessed in a variety of ways including the compilation of a portfolio and common exams at the end of each semester. *See Portfolio Note*

131 BRITISH LITERATURE

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 11-12

British Literature is a course in which students read extensively from a wide range of genres and texts from Great Britain from the Anglo-Saxon period to the present time. The course is organized thematically by essential questions. Students will develop and show their initial understanding and complex analysis of text through cooperative learning groups, exhibitions and dramatic presentations, and formal and informal writing and testing. Common midyear and final exams require students to read texts and generate responses using information from the texts. Two major papers are written, a research paper and a literary criticism. Both papers require students to conduct research by reading texts and creating and supporting these. The literary criticism additionally requires students to analyze literary elements across texts. This course is recommended for all students planning to attend a four-year college. Each semester students may try to achieve honors distinction by successfully completing an honors portfolio. All sections of British Literature take common mid-year and final exams. *See Portfolio Note*

THE SENIOR PROJECT

All seniors are required to complete the Senior Project that entails a research paper on a topic of the student's choice, 15+ hours of fieldwork on that topic, and an oral presentation on the results of this work at the end of the school year. Work on the Senior Project will be supported in English classes during both the first and the second semesters, and successful completion of the project will count toward the student's grade in these senior English classes. All students must take a full year English class for credit during their senior year.

141 WORLD LITERATURE

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 12

World Literature is a year-long, college preparatory humanities course. Students read extensively from a wide range of genres and texts from around the world, from ancient to contemporary times. In addition to literature, the "humanities" of these great periods are examined including philosophy, mythology and religion, drama, fine arts, and history. Students will develop and show their initial understanding and complex analysis of text through cooperative learning groups, presentations, and formal and informal writing and testing. Student writing will often require them to develop and support thesis statement using textual evidence from one or more texts. Students will also identify and explain connections across texts. Additionally, students will be guided as they read multiple sources and documents, formulate judgments, and organize notes, outlines, and drafts for their Senior Project Paper. This course is recommended for serious college-bound students. All sections of World Literature take common mid-year and final exams. *See Portfolio Note*

144 COMMUNICATIONS I

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 11

This course is designed for juniors whose post high school education is likely to begin with a community college or other two-year program. The emphasis is on developing effective communication skills for college and the workplace and on increasing students' confidence in their own verbal skills. The course uses Language Arts Standards-based units to help students develop the language proficiencies required by senior year Grade Span Expectations: analysis and interpretation of literary and informational texts (including reading for research), writing in response to literary and informational texts, reflective writing, expository and persuasive writing, interactive listening and making presentations. All sections of the course take common mid-term and final examinations. Successful completion of a Gateway Portfolio is a prerequisite for this course.

146 COMMUNICATIONS II

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 12

This course is a continuation of Communications I and is designed for seniors whose post high school education is likely to begin with a community college or other two year program. The emphasis is on developing effective communication skills for college and the workplace and on increasing students' confidence in their own verbal skills. The course uses Language Arts Standards-based units to help students develop the language proficiencies required by senior year Grade Span Expectations: analysis and interpretation of literary and informational texts (including reading for research), writing in response to literary and informational texts, reflective writing, expository and persuasive writing, interactive listening and making presentations. Successful completion of a Graduation Readiness Portfolio is a prerequisite for this course. Participation in a senior project is required. Significant work on Senior Project components is embedded in the second semester. In addition, all sections of the course take common mid-term and final examinations.

151 INTRO TO ACADEMIC WRITING

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-10

This writing elective is designed for freshman and sophomores who want additional instruction and practice in the primary modes of high school academic writing: exposition and persuasion. Students will learn and use a range of pre-writing/thinking practices; effective information gathering processes; and organizational and elaboration strategies, especially as they apply to exposition and persuasion. They will focus on achieving increased coherence at the sentence and paragraph levels, increased fluency of sentence structure, and increased ability to produce conventionally correct expository prose independently.

152 JOURNALISM

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

Journalism not only introduces students to the major genres of the craft-hard news, feature stories, entertainment reviews, sports writing, columns and editorials-but also gives them a chance to practice these skills in an authentic newsroom environment as staff members of *The Talon*, Barrington High School's student-run and student-written newspaper. In addition to providing them with a thorough understanding of the purpose and nature of journalism in a democratic society, the course provides students with opportunities to explore related issues such as ethics, print and non-print journalism-i.e., television, radio, internet-and the changing nature of the news industry in 21st century America. Frequent guest journalists from local newspapers and other news outlets will compliment the hands-on learning students do as *Talon* staff members throughout the semester.

153 CREATIVE WRITING

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

The Creative Writing course is designed to introduce students to a style of writing that is different from traditional analytical writing. Students will be required to experiment and challenge themselves to write in varied forms. Students will be expected to keep an organized daily journal which compiles class assignments such as: writing from prompts; free-writing exercises; descriptive, reflective, dramatic and narrative writings; and character sketches. Students will use their daily journal to brainstorm topics for final assignments, including writing original short fiction and poetry. Students will participate in group critiques of their original creative work; hence, students must be dedicated to improving their writing skills and sharing the experience with the class. Additionally, students will be reading and analyzing literature in order to apply literary devices to their own original works. Student evaluation is based on effort, dedication to growth in writing, final writing assignments-including a final portfolio presentation, and classroom participation.

154 PUBLIC SPEAKING

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 10-12

Public Speaking is a comprehensive communication course designed to help students face the challenges of public speaking, while also preparing them for the Senior Project presentation. Students will enhance their knowledge of the process: topic selection, research, organization, supporting visual aids and technology. The class is organized around creating effective presentations in various formats and the audience awareness these forums require.

155 ADVANCED JOURNALISM

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

Prerequisite: Journalism

Advanced Journalism is designed to allow serious journalism students to hone and develop their reporting, interviewing and writing skills. Taught primarily in a hands-on, “newsroom” environment, the course will stress in-depth and investigative reporting for both print and non-print media. Students will take a leadership role in the writing, editing, design, and marketing of *The Talon* as well as produce segments for BHS news video programming in conjunction with Advanced Video Production students. Frequent guest journalists from local media outlets will compliment the news skills and approaches students employ as print/video *Talon* staff members throughout the semester.

156 COLLEGE WRITING TECHNIQUES

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

Taught in cooperation with the University of Rhode Island, this college preparatory course is designed for the student who is serious about improving his/her ability to write for college courses. The course requires that 5 papers be written in several drafts each during the semester. The subjects of these papers draw first on memory and experience and become increasingly reliant on the use of external sources and argumentation. Aspects of writing that the course specifically addresses are use of appropriate voice, audience awareness, effective phrasing, logical arrangement of ideas, development by detail, and editing for correction. Revision and peer review are substantial aspects of the course experience. Evaluation includes submission of a portfolio of selected polished work. Successful completion of the course is recognized by URI as completion of Writing 104, Basic Composition, worth three college credits which are transferable to most colleges and universities. Students who wish to obtain these credits from the University of Rhode Island are required to pay a \$135 fee at the beginning of the program.

158 MEDIA AND CULTURAL STUDIES

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

This course examines the growth of American mass media with special emphasis placed on the influence that communications technology has had on American culture. These media are both electronic (i.e. radio, television, Internet) and print (i.e. magazines, newspapers, blogging). Students enrolling in Media Studies should perceive themselves as critics of American mass media. Sample units of study include the impact of television on society, violence in the media, the evolution of rock and roll, and the influence of the advertising agency on the average American. Readings from the course anthology and regular current handouts provide students with the necessary factual information concerning the functioning of various media. Outside readings include the novella, Being There, the theories of Marshall MacLuhan, media criticism, and a rock and roll biography. Quizzes, homework and class work are based on these assigned readings, note taking, and class discussions. Formal essays and oral presentations will be assigned on topics such as media icons, reality television, and popular music.

159 FILM STUDIES

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

This course employs a genre approach to film. The students are introduced to a wide variety of movies, including the silent film, the feature length film, the documentary, the adaption of fiction into film, and animation. Students will become familiar with film language as well as production techniques. Class discussion will follow each film shown, and students are expected to keep a detailed notebook. Regular attendance is especially important because these films can only be viewed in class. Assessments can include quizzes after the viewing of a film and class discussion, writing a critical review of the film, an oral presentation on a film selected by the student, and developing a screenplay and original film production.

199 ADVANCED PLACEMENT ENGLISH

1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 12

Advanced Placement English is intended to unite high school and college curriculums by training motivated students to do college level English work. Materials used in this course come from a variety of genres from world literature. The literary study may be organized in a variety of ways. Chronological, generic and thematic plans are the most common, although the three may be mixed. The course presumes the mastery of skills that help the student to read the material with a high level of accuracy. Students read essays, poems, and short stories as well as several full length books. Students are asked to consider and analyze specific literary techniques and their effects on a text as a whole. To aid in the understanding of these literary works, students must read and utilize literary criticisms that delve into the deeper meanings behind these works. Students are given many opportunities to analyze literature and create interpretations that culminate in thesis driven essays. Advanced Placement students are required to write critically and maturely, implementing materials studied. As required in college courses, all major written assignments must be typed. Additionally, the students are asked to create various oral presentations that call for careful analysis of specific texts. The final examination for the course reflects the structure, rigor, and substance of the actual Advanced Placement Literature and Composition Exam. Since much of the curriculum centers around student preparation for the exam, students are expected to register for and take the Advanced Placement Literature and Composition exam in the spring.

FAMILY AND CONSUMER SCIENCES

831 FOODS AND NUTRITION

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This course provides students with basic concepts and skills needed to work comfortably with a variety of foods and apply nutrition concepts to their lives. Topics include practical nutrition guidelines for food choices, kitchen organization, sanitation and safety, techniques of food preparation using the food pyramid as a guide to food selection and preparation methods, and food buying and storage. Students have lab experiences in food preparation.

832 FOODS OF THE WORLD

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 10-12

Prerequisite: Foods and Nutrition

Students in this class will explore various topics related to the many foods of the world. Students will investigate various cultures in terms of customs, beliefs, ecological concerns related to food resources, language, agriculture, and cuisine. A major focus is on the planning, preparation and evaluation of international cuisine. Nutritional guidelines, sanitation, time management, and various food preparation methods will be emphasized.

840 CHILD DEVELOPMENT I

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This course is devoted to the study and guidance of young children starting with prenatal development and ending with the preschool age. The development of children is explored in terms of physical, intellectual, social, and emotional growth. Students will be involved in various projects, group collaborations and hands-on experiences. Throughout the second quarter, theory is put into practice in a playschool laboratory for children age three to five. Theory is put into practice in a playschool laboratory for 3-6 year olds.

842 CHILD DEVELOPMENT II

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

Prerequisite: Child Development I

This course builds on the concepts and skills developed in Child Development I. The focus is on the developmental needs of children from kindergarten through elementary school and how these needs may be met in our own and other cultures. The development of children is explained in terms of physical, intellectual, social, and emotional growth. The different ways that children learn is also examined. Related career opportunities are explored, and skills needed for these careers are developed. Students examine the roles of family and school in the development of children. A related written report, job shadowing or creative project or paper is required.

844 INDEPENDENT LIVING

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

This course will prepare students to survive and live independently after high school. Among the topics covered will be selecting and furnishing housing; acquiring utilities; budgeting; finance and bill paying; use and selection of credit and insurance; selecting and caring for clothing; and personal safety. Students will be involved in hands-on activities and simulations as well as theory related to each topic.

MATHEMATICS

GRADE 9	GRADE 10	GRADE 11	GRADE 12
ALGEBRA I (410)	INDUCTIVE GEOMETRY	ALGEBRA II	COLLEGE ALGEBRA
	FOUNDATIONS OF GEOMETRY	FOUNDATIONS OF ALGEBRA 2	ALGEBRA II
ALGEBRA I (411)	PLANE GEOMETRY	ALGEBRA II	COLLEGE ALGEBRA TRIGONOMETRY
		ALGEBRA II	PRE-CALCULUS STATISTICS TRIGONOMETRY
ALGEBRA II	ALGEBRA II PLANE GEOMETRY	PRE-CALCULUS TRIGONOMETRY STATISTICS	CALCULUS
		COLLEGE ALGEBRA	PRE-CALCULUS TRIGONOMETRY STATISTICS
		PRE-CALCULUS TRIGONOMETRY	CALCULUS AP CALCULUS (AB) AP STATISTICS
	PLANE GEOMETRY	COLLEGE ALGEBRA	PRE-CALCULUS TRIGONOMETRY STATISTICS
ALGEBRA II (HONORS)	PLANE GEOMETRY (HONORS)	PRE-CALCULUS (HONORS) AP STATISTICS	AP CALCULUS(AB/BC) AP STATISTICS

410 ALGEBRA I B (Two period course)

2 Credits ♦ Full Year ♦ Level 3 ♦ Grade 9

Prerequisite: Teacher recommendation

This course bridges the gap between arithmetic and simple algebraic concepts. Emphasis is placed on developing skills necessary to be successful in problem solving. Topics in the course include basic operations and axioms, integers, solving linear equations and inequalities, factoring, algebraic fractions, linear functions, simultaneous equations, polynomials, data analysis and probability.

Upon completion of this course, students will demonstrate understanding of numbers and their operations by knowing the relative magnitude of real numbers, and applying properties of numbers to solve problems or simplify computations. Students will demonstrate understanding of functions and algebra by identifying, extending, and generalizing a variety of patterns. Students will also demonstrate conceptual understanding of linear and nonlinear functions and relations, and show an understanding of algebraic expressions and equality.

This course is intended for those students who would have difficulty completing Algebra I at a standard pace (1 period). Students are instructed at a pace that allows for more time to be devoted to doing more examples and developing understanding. The second period of instruction gives the teacher the flexibility to provide support to students and address any gaps in their prior knowledge.

411 ALGEBRA I

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 9

Prerequisite: Teacher recommendation

This course bridges the gap between arithmetic and simple algebraic concepts. Emphasis is placed on developing skills necessary to be successful in problem solving. Topics in the course include basic operations and axioms, integers, solving linear equations and inequalities, factoring, algebraic fractions, linear functions, simultaneous equations, polynomials, data analysis and probability.

Upon completion of this course, students will demonstrate understanding of numbers and their operations by knowing the relative magnitude of real numbers, and applying properties of numbers to solve problems or simplify computations. Students will demonstrate understanding of functions and algebra by identifying, extending, and generalizing a variety of patterns. Students will also demonstrate conceptual understanding of linear and nonlinear functions and relations, and show an understanding of algebraic expressions and equality.

417 FOUNDATIONS OF GEOMETRY

1 Credit ♦ Full Year ♦ Level 3 ♦ Grade 10

Prerequisite: Algebra IB

This course focuses on geometry and is designed for students who completed the Algebra IB. The course is intended for students who would have difficulty with a formal geometry course. This course differs from Inductive Geometry by allowing students more time to grasp concepts. Upon completion of this course, students will be exposed to all of the geometry Grade Span Expectations. Instruction will focus on the exploration of geometry concepts (lines, angles, triangles, polygons, circles, congruence, similarity, area and volume). Students will formulate their own geometric conjectures and apply them to two and three-dimensional situations, including real-world applications. Students will utilize various tools including graphing calculators and computers, incorporating the Geometer's Sketchpad exploratory software to discover concepts and formulate conjectures. Students will also demonstrate conceptual understanding of spatial reasoning and visualization while solving problems on and off the coordinate plane. Students may not take this course if they have already completed another geometry course.

419 FOUNDATIONS OF ALGEBRA 2

1 Credit ♦ Full Year ♦ Level 3 ♦ Grade 11

Prerequisite: Algebra I and College Math I (or Inductive Geometry)

This course focuses on Algebra and is designed to bridge the gap between an Algebra I course and an Algebra II course. Students completing this course will be prepared to take an Algebra II course. Upon completion of this course, students will be exposed to all of the related Grade Span Expectations. Instruction will be on the investigation of algebraic concepts through the use of modeling and hands on activities. Students will use technology to enhance learning, including graphing calculators, the Internet, and TI-Navigator computer program. Topics studied include linear functions, linear systems, quadratic functions, polynomial functions, exponential functions, probability, statistic, and trigonometry. Students may not take this course if they have completed Algebra II.

421 ALGEBRA II

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

Prerequisite: Algebra I or Impact Course 3

This course extends the concepts learned in Algebra I. Topics include foundations for functions, linear functions, linear systems, quadratic functions, polynomial functions, exponential functions, rational functions, radical functions, circles, basic probability and basic statistics.

Upon the completion of this course students will demonstrate understanding of all of the Number and Operations GSE's, all of the Function and Algebra GSE's, all of the Data, Statistics and Probability GSE's.

423 ALGEBRA II (HONORS)

1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 9

Prerequisite: Minimum grade of "A" in Impact Course 3

This course covers the material of 425 Algebra II, but with more rigor and a greater emphasis on mathematical proof. Additional topics include conic sections, sequences, series, matrices, and logarithms.

430 INDUCTIVE GEOMETRY

1 Credit ♦ Full Year ♦ Level 3 ♦ Grade 10

Prerequisite: Algebra I

Initially, the course will focus on exploration of geometry concepts (lines, angles, triangles, polygons, circles, congruence, similarity, and constructions) using inductive reasoning. In addition to constructing objects, students will formulate their own geometric conjectures and apply them to two and three-dimensional situations including real-world applications. Students will utilize various tools including graphing, calculators and computers incorporating Geometer's Sketchpad exploratory software to discover concepts and formulate conjectures. Students will be asked to make and defend conjectures, construct geometric arguments, use geometric properties and theorems to solve problems involving congruency, similarity, perimeter, area and volume. Students will also demonstrate conceptual understanding of spatial reasoning and visualization while solving problems on and off the coordinate plane.

431 PLANE GEOMETRY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12

Prerequisite: Algebra I and/or Algebra II

This course concentrates on the nature of proof, both inductive and deductive, on the meaning of logical sequence and the requirements of necessary and sufficient conditions for proof. Topics include sets, induction, deduction, angle relationships, perpendicular lines, parallel lines, congruent triangles, similar polygons, basic trigonometric functions, circles, arcs, constructions, loci, and area and volumes of polygons and circles. Students in this course will be asked to make and defend conjectures, construct geometric arguments, use geometric properties and theorems to solve

problems involving congruency, similarity, perimeter, area and volume. Students will demonstrate conceptual understanding of spatial reasoning and visualization while solving problems on and off the coordinate plane.

433 PLANE GEOMETRY (HONORS)**1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 10**

Prerequisite: Algebra II (Honors)

This course covers the material of 431 Plane Geometry but with more rigor and a greater emphasis on proof. Students are required to solve rigorous problems that involve making connections between various algebra and geometry concepts. Students in this course will be asked to make and defend conjectures, construct geometric arguments, use geometric properties and theorems to solve problems involving congruency, similarity, perimeter, area and volume. Students will also demonstrate conceptual understanding of spatial reasoning and visualization while solving problems on and off the coordinate plane.

435 TRIGONOMETRY**½ Credit ♦ One Semester ♦ Full Year ♦ Level 2 ♦ Grades 11-12**

Prerequisite: Algebra I, Algebra II and Plane Geometry

This course enables students to understand trigonometric principles and to be able to apply them in various fields of mathematics. The topics include a study of functions of angles of any size, radian measure, trigonometric equations, identities, vectors, graphing of trigonometric functions, solution of triangles, and the use of various trigonometric formulas.

438 STATISTICS**1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12**

Prerequisite: Algebra I, Geometry, and Algebra II.

This course will include the study of various components in data collection, organization, and numerical analysis. Students will be introduced to the principles of statistics that will include topics such as central tendency, standard deviation, histograms, box and whisker plots, stem and leaf diagrams, probability, and binomial and normal distribution.

441 COLLEGE ALGEBRA**1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 11-12**

Prerequisite: Algebra I, Algebra II and Plane Geometry

This course begins with a review of the basic principles of algebra before entering the study of more advanced topics. Topics include the real number system, fundamental operations, products, factoring, fractions, exponents, radicals, linear equations, quadratic equations, functions, graphs, systems of equations, matrices, determinants, complex numbers, higher degree equations, inequalities, ratio, proportion, exponential and logarithmic functions, and progressions.

450 PRE-CALCULUS**1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 11-12**

Prerequisite: Algebra I, Algebra II and Plane Geometry

This course incorporates graphing technology to better prepare students for further study in mathematics and science. Students will explore problems that arise from real world situations. They will complete this course with a better understanding of mathematics and a solid intuitive foundation for calculus. Topics that will be presented include functions including operations on functions, composition of functions, graphs of functions and transformations applied to groups of functions, finding zeros of functions, parametric equations, inverse functions, polynomial functions, rational functions, system of equations, matrices, topics from discrete mathematics, and statistics.

451 PRE-CALCULUS WITH TRIGONOMETRY (HONORS) 1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 11

This course will cover the material in 450 Pre-calculus and 435 or 437 Trigonometry but at a faster pace. Students must have an excellent knowledge of Algebra II. In addition to the faster pace, topics will be approached with increased rigor. A summer assignment will be required in order to enroll in this course for September. Since trigonometry will be included, students will no longer need to take that course separately.

452 CALCULUS**1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 12**

Prerequisite: Pre-Calculus and Trigonometry

This course is designed for students who have completed Pre-Calculus and would like to continue with mathematics, but are not ready for the rigors and pace of Advanced Placement Calculus. Principles and the underlying concepts of analytical geometry are incorporated into the study of differential and integral calculus. Technology is incorporated into the instruction making the successful study of calculus realistic for the student. Topics include functions, limits and continuity, differentiation and applications, integration and applications, transcendental functions, and techniques of integration.

497 ADVANCED PLACEMENT STATISTICS**1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 11- 12**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data – Describing patterns and departures from patterns, (2) Sampling and Experimentation – Planning and conducting a study, (3) Anticipating Patterns – Exploring random phenomena using probability and simulation, (4) Statistical Inference – Estimating population parameters and testing hypotheses. Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

498 ADVANCED PLACEMENT CALCULUS (BC)**1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 12**

Prerequisite: AP Calculus (AB)

Students who have completed Advanced Placement Calculus (AB) may elect this course. A brief review of techniques of integration will be done. Beyond that, the following topics will be explored: infinite series, conic sections, parametric equations for conics, vector-valued functions, polar graphs, analytic geometry in space, curvature and torsion, partial derivatives, and double integration. Time will be set aside to discuss sample tests to prepare for the Advanced Placement examination (BC level). Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

499 ADVANCED PLACEMENT CALCULUS (AB)**1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 12**

Prerequisite: Pre-calculus with Trigonometry (Honors)

This course is designed for students who are planning a scientific, mathematical or engineering program in college. Principles and the underlying concepts of analytic geometry are incorporated into the study of differential and integral calculus. Technology is incorporated into the instruction making the successful study of calculus realistic for the student. Topics include functions, limits and continuity, differentiation and applications, integration and applications, transcendental functions, and techniques of integration. This selection of topics meets the requirements set forth in the syllabus of the College Entrance Examination Board for the Advanced Placement examination (AB level). Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

MUSIC

Requirements and responsibilities for all performing organizations:

- Attendance at class and mandatory attendance at all rehearsals and performances
- Attitude compatible with achieving success in rehearsals and making daily progress
- Responsibility of knowing one's music and being prepared with instrument and necessary materials
- Cooperation in rehearsals and performances so that the performing organizations can achieve their maximum capabilities

947 JAZZ HISTORY

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This course involves the study of all periods of jazz history including Dixieland, swing, bebop, cool, hard bop, free jazz, and fusion, and composers and performers of each. The class will also study form, chord progressions, instrumentation, and the evolution of jazz through major cities that invented it (New York, Kansas City, St. Louis, West Coast, New Orleans, and Detroit). Activities and resources in this course will include CD's, live performances, magazines, websites, and private collections of materials.

948 JAZZ ENSEMBLE

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 9-12

Prerequisite: Audition

Jazz Ensemble is comprised of a select group of students who have advanced instrumental ability. Study of various jazz styles and improvisation are stressed. The course allows all members to familiarize themselves with the principle of jazz theory, transposition, and interpretation. The course also provides students with many school, community, statewide, and festival performing opportunities. Acceptance into the ensemble is based on an audition, and each participant must re-audition every year.

951 CONCERT BAND

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

Concert Band is open to all students with prior instrumental experience. Development of a varied repertoire and ensemble performance skills are encouraged. Students are taught the fundamentals of good ensemble playing such as intonation, breath control, articulation, dynamics, posture, phrasing, balance, tone, and musicality. Members of the concert band are expected to practice daily, attend all rehearsals and performances, and show continuous improvement throughout the year.

952 CHORUS

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

Chorus is open to all students. A variety of choral styles are studied while emphasizing proper vocal production. Each student is taught the fundamental skills of singing that include breath control, balance, dynamics, phrasing, and diction. The opportunity for solo and small ensemble singing is offered. Members of chorus are expected to practice daily, attend all rehearsals and performances, and show continuous improvement throughout the year.

954 MUSIC HISTORY

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This course is dedicated to enriching the individual's knowledge of music and developing a greater appreciation of our musical heritage. Various musical periods and styles are investigated with an emphasis on developing better listening habits. Discussion of the art, social, historical, and literary influences of the period are included as they relate to the music discussed. This course does not require previous musical training and is open to all students. Students may elect to receive three credits from Rhode Island College's Early Enrollment Program while taking this course.

955 MUSIC THEORY AND COMPOSITION

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 9-12

This course is available to all students, preferably those with a strong musical background. Music Theory and Composition includes the study of the Circle of Fifths, major and minor scales, four part writing in an 18th century style, including tension, non-chord tones, figured bass, analysis and modulation. Second semester topics include the study of jazz theory, improvisation, chord scales and arranging. This course is strongly recommended for band and chorus students. Students who wish to be admitted second semester only must have the approval of the instructor. Students may elect to receive three credits from Rhode Island College's Early Enrollment Program while taking this course.

957 ELECTRONIC MUSIC

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This offering is a "hands on" studio course designed for students with little or no experience in electronic music. Students become familiar with the basic components (synthesizers, amplifiers, reel-to-reel recorders, and other recording equipment) of the electronic lab. Through the use of this equipment, students will learn to create their own electronic compositions.

959 CHORAL ENSEMBLE

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 9-12

Prerequisite: Audition

Choral Ensemble consists of a select group of students who have an advanced singing ability. The course provides each student with an opportunity to study and perform a wide variety of advanced literature that includes traditional and contemporary styles. The course also allows students to further develop their singing ability in a small ensemble. The group performs at concerts, festivals and community events. Acceptance into the ensemble is based on an audition, and each participant must re-audition every year.

PHYSICAL EDUCATION/HEALTH

031-032 PHYSICAL EDUCATION/HEALTH

1/2 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

Physical education and health courses complement each other with shared goals including developing healthy behaviors and acquiring health related knowledge and skills needed to lead a healthy and active life.

In physical education courses, students acquire knowledge, skill, and confidence to enjoy a lifetime of healthful physical activity. The physical education activities are organized in two levels. Level I provides instruction for students to improve their basic skills, knowledge, strategies and performance. Level II provides instruction and practice which will enhance and refine skilled performance. Students choose the level of instruction which they feel is appropriate for their ability. Students participate in physical education for approximately 75% of the school year. Physical education activities include:

Archery	Floor Hockey	Speedball
Badminton	Golf	Tennis
Ballroom Dance	Line Dance	Ultimate Frisbee
Basketball	Physical Fitness Testing	Volleyball
Circuit Training	Pilates	Weight Training
Fit for Life	Soccer	Yoga
Flag Football	Softball	

In health education courses, students explore all concepts related to health promotion and disease prevention as a foundation for a health life. Students use strategies for problem solving, goal setting, and decision making to enhance their wellness. Students attend health education classes for approximately 25% of the school year. Health education topics include:

Disease Prevention	Personal Health
Injury Prevention	Sexuality and Family Life
Mental and Emotional Health	Substance Abuse Prevention
Nutrition	

INTERVENTION SERVICES

An emphasis on the growth and support for all students is essential to our school mission. Students with intervention plans are enrolled in courses that will support their academic and social growth while maintaining credit. These courses meet daily and will work in conjunction with regular education curriculum.

Intervention specialists, support staff, and regular education will provide tailored interventions through small group instruction to provide direct, differentiated support. Progress monitoring will be systematically assessed, recorded and shared with the student's support team using a standards-based growth model.

181-182 ACADEMIC FOUNDATIONS I, II

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grade 9

Students designated by the support team prior to the beginning of ninth grade will be enrolled in this course to facilitate academic and transitional support. The focus of the curriculum will include organization strategies, assessment preparation, setting goals, academic growth, and study skills. Students requiring continued support will be enrolled in a second semester to ensure success.

183-184 ACADEMIC LITERACY I, II (Grades 9-10)

1 Credit ♦ Full Year ♦ Level 2 ♦ All Grades

185-186 ACADEMIC LITERACY III, IV (Grades 11-12)

Fluency, comprehension, and vocabulary strategies are enhanced and extended to students supported by Personal Literacy Plans. Emphasis will be placed on the acquisition of literary and informational texts, refining personal and analytical connections, building comprehension strategies, and supporting research skills. Curriculum will focus on meeting the proficiency-based graduation requirements and grade-level reading requirements.

190-191 FOUNDATIONS OF ENGLISH I, II (Grades 9-10)

1 Credit ♦ Full Year ♦ Level 2 ♦ All Grades

192-193 FOUNDATIONS OF ENGLISH III, IV (Grades 11-12)

Students with active designation as an English Language Learners (non-native speakers of English) will be enrolled. Students are screened for eligibility with the WIDA ACCESS Tests and a review of their previous academic performance. The purpose of this course is to expand students' skills in reading, writing, listening, and speaking English, while providing support to students with their current studies and classroom content area material.

SCIENCE COURSE SEQUENCE

Grade 9	Grade 10	Grade 11	Grade 12
	*526Biology	*527Chemistry	552 Biotechnology
*514Physical, Earth and Space Science	*521 Biology	*531 Chemistry	551 Anatomy 541 Physics 598 AP Chemistry 599 AP Biology 552 Biotechnology
*521 Biology	*531 Chemistry	*541 Physics 598 AP Chemistry 599 AP Biology 551 Anatomy 552 Biotechnology	598 AP Physics 598 AP Chemistry 599 AP Biology 551 Anatomy 552 Biotechnology

*These courses are **required** to be completed by the end of the **Junior Year (Grade 11)** in order to prepare the student for the Science State Assessment.

SCIENCE

514 PHYSICAL, EARTH AND SPACE SCIENCE

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 9

This course is a fast-paced approach to the study of physical, earth, and space science for students who are planning to attend college. It is an introductory laboratory course for chemistry, physics and Earth and space science. The emphasis is on the application of algebra in the Physical, Earth and Space Sciences. Laboratory experiments and methods of scientific investigation are an integral part of the course. Topics include force and motion, principles of measurement, forms of energy, chemistry of matter, the Earth's structure, and the universe. This course will prepare students for the New England Common Assessment Program (NECAP) and Chemistry.

521 BIOLOGY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-10

This course is a fast-paced approach to the study of biology for students who are planning to attend college. Emphasis is placed on the investigative role of the student biologist in the laboratory. Topics include the cell as the unit of life, the chemistry and physics of cell functions and genetics, life processes, physiology of many celled animals, reproduction, and plant life.

526 BIOLOGY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-11

This course is designed to meet the needs of both the college bound and technical career oriented student. The course emphasizes the role that biology will play in the students' personal and professional lives. Units in ecology, cell biology, genetics, evolution, and biodiversity will be related to the students' own experiences and connected to important issues in biology that students face today and will continue to face in the future. In order to be successful in this course, students must assume the role of active learners as they research these issues, engage in a variety of student-oriented activities, and participate in decision and problem solving simulations.

527 CHEMISTRY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 11-12

Prerequisite: Physical Science or Biology and Algebra I or Algebra I (Parts I and II)

This is a laboratory course that meets college preparatory requirements and is designed for students who do not intend to pursue science and science related careers. An emphasis will be placed on the role of chemistry in everyday life and on the development of problem solving skills. Students will gain experience in interpreting word problems, setting up and solving equations, and in applying the factor-label method. Topics include atomic structure, periodic table, chemical bonds, chemical formulas, chemical equations, chemical reactions, kinetic theory, gas laws, moles, stoichiometry, solutions, acids, bases, heat in chemical reactions, and nuclear chemistry.

531 CHEMISTRY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12

Prerequisite: Algebra I and 521 Biology

This is a laboratory course that meets college preparatory requirements and is of value to students intending to pursue science and science related careers. Problem solving and mathematical calculations are an integral part of the course. This involves interpretation of word problems, application of factor-label method, solving equations, and using logarithms. Topics include atomic structure, periodic table, chemical bonds, chemical formulas, chemical equations, solutions, acids, bases, and salts, chemical equilibrium, oxidation-reduction reactions, gas laws, heat in chemical reactions, molecular and empirical formulas, moles, stoichiometry, and nuclear chemistry.

541 PHYSICS

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 11-12

Prerequisite: Algebra I, Algebra II, Geometry, and Chemistry (Chemistry 531 recommended). Pre-Calculus and Trigonometry should either be completed or taken concurrently.

This laboratory physics course is designed for college preparatory students who are interested in the workings of the physical world and may be required to take physics in college. Topics include mechanics, waves and sound, optics, electricity and magnetism. An emphasis is placed on development students' math and problem solving skills.

542 CONCEPTUAL PHYSICS

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 11-12

Prerequisite: Algebra I - Chemistry should either be completed or taken concurrently.

This course emphasizes the principles and concepts of physics and how they apply to the physical world. Topics include motion, forces, energy, waves, sound, light, electricity, and magnetism. This course will also cover the Rhode Island grade span expectations for earth and space science. An emphasis is placed on development of laboratory work and problem solving skills.

551 ANATOMY AND PHYSIOLOGY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 11-12

Prerequisite: Students should show a strong proficiency in both biology and chemistry.

This secondary level biology course provides an intensive study of the human body and is an excellent preparation for those students interested in the health care field. The course focuses on the forms, functions, and diseases of cells, tissues and organ systems and how their interplay makes up and affects the human body. Lab work, including dissection, is an important part of this course.

552 FORENSICS: DNA AND BIOTECHNOLOGY 1/2 Credit ♦ 1 Semester ♦ Level 2 ♦ Grades 11-12

Prerequisite: Biology and or Chemistry

This course is designed as a lab-based approach to the study of science for students who are interested in practical applications of biology and chemistry. Emphasis is placed on the process of scientific reasoning. Topics include the history of biotechnology, anthropology, microbiology, immunology, viruses, gel electrophoresis, biochemistry, and bioethics. Laboratory work is an important part of the course.

597 ADVANCED PLACEMENT PHYSICS C

1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 12

Prerequisite: Physics, Algebra I, Algebra II, Geometry, Pre-Calculus and Trigonometry, and Chemistry 531. It is recommended that Calculus taken concurrently, but not required.

This calculus laboratory physics course is designed to instruct highly motivated students in the laws and relationships of physics on the college level. Students are assumed to have a basic physics background equivalent to a one-year algebra based introductory physics course. Topics from the first year course will be developed more rigorously while also incorporating calculus based physics concepts. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

598 ADVANCED PLACEMENT CHEMISTRY

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 11-12

Prerequisite: 531 Chemistry, Algebra I and Algebra II

This course is designed as a first year college level laboratory course and is intended to prepare highly motivated students for the AP Chemistry exam. It is assumed that students taking this course have a

thorough understanding of basic general chemistry from a year one course. Logical reasoning and problem solving skills are emphasized while presenting a balanced treatment of modern theoretical and descriptive chemistry. A high degree of analytical skill is needed in order to be successful in this class. Topics include atomic theory, chemical bonding, molecular geometry, gases, liquids and solids, solutions, acids and bases, equilibrium reaction, kinetics, thermo chemistry, thermodynamics, electrochemistry, and organic chemistry. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

599 ADVANCED PLACEMENT BIOLOGY	1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 11-12
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Prerequisite: 521 Biology and 531 Chemistry

This is a laboratory biology course for highly motivated students designed to meet the objectives of general biology at the college level. In addition to basic biological concepts, students become acquainted with current research and discoveries in the biological fields. The content of the course conforms in major areas and time allotment to the outline developed by the AP Biology committee. Those areas are molecules and cells (25%), genetics and evolution (25%), and organisms and populations (50%). Topics to be covered in the first semester include biological chemistry, structure and function of cell organelles, mitosis, photosynthesis, fermentation, aerobic respiration, molecular genetics, meiosis, Mendelian laws, inheritance patterns, human genetic defects, and evolution. The second semester deals with organisms and includes a survey of the lower kingdoms, a survey of the animal kingdom, an in-depth study of plant anatomy and physiology, and the structure and function of animal systems with an emphasis on human systems. Laboratory work is a vital part of this course. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

ANIMAL DISSECTION AND VIVISECTION

A parent, legal guardian, or student has the right to refuse to participate in the dissection and/or vivisection of a vertebrate or invertebrate animal, or a part of a vertebrate or invertebrate animal. Students in science courses may request alternatives to dissection and vivisection if they are opposed because of religious or ethical reasons. Students who request an alternative lesson plan will be granted the request without any pressure to do otherwise. Student grades will not be affected by the choice of the alternative lesson plan, and the student will not be discriminated against based upon his/her decision to exercise this right of choice. Teacher guidance and assistance will be available for those who choose alternatives.

SOCIAL STUDIES

211 WORLD HISTORY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 9

This course, required of all ninth graders, continues the study of world history (begun in grade 8) to the present day. Students will study the political, economic, religious, social, intellectual, and artistic (PERSIA) movements of the pre-modern, modern, and post-modern eras. The curriculum will cover both western and non-western societies. The content includes, but is not limited to: Renaissance and Reformation, The World That Trade Created and Global Transformation, The Muslim Empires (Ottoman, Safavid, Mughal), Ming China, Tokugawa Japan, the Age of Revolutions (political and industrial), Nationalism and Imperialism, World War I and II, Decolonization, Cold War, and the Challenges of an Interdependent World. Critical thinking standards emphasized in the course include, but are not limited to: reading and analyzing informational texts; identifying multiple sources; formulating reasoned arguments based on the critical examination of multiple perspectives; and, developing writing skills which demonstrate proficient skills in organization, clarity, word usage, documentation and other conventions of standard written English. Students will be expected to practice a variety of reading comprehension strategies, thus gaining deeper understanding of the concept of change and continuity over time. Finally, students will continue to build their note taking, research, essay writing, oral presentation, listening, and other applied learning skills.

212 WORLD HISTORY

1 Credit ♦ Full Year ♦ Level 3 ♦ Grade 9

This course, required of all ninth graders, continues the study of World History (begun in grade 8) to the present day. Students will study political, economic, religious, social, intellectual, and artistic (PERSIA) movements of the pre-modern, modern, and post-modern eras. The curriculum will cover both western and non-western societies. The content includes, but is not limited to: Renaissance and Reformation, The World That Trade Created and Global Transformation, The Muslim Empires (Ottoman, Safavid, Mughal), Ming and Q'ing China, Tokugawa Japan, the Age of Revolutions (political and industrial), Nationalism and Imperialism, World War I and II, Decolonization, Cold War, and the Challenges of an Interdependent World. Critical thinking standards emphasized in the course include, but are not limited: reading and analyzing information texts; identifying multiple sources; formulating reasoned arguments based on the critical examination of multiple perspectives; and, developing writing skills which demonstrate proficient skills in organization, clarity, word usage, documentation, and other conventions of standard written English. Students will be expected to practice a variety of reading comprehension strategies, thus gaining deeper understanding of the concept of change and continuity over time. Finally, students will continue to build their note taking, research, essay writing, oral presentation, listening, and other applied learning skills. This course is more deliberately paced and emphasizes skill development.

221 U.S. HISTORY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grade 10

United States History is a full-year survey course examining what it means to be an American in a multicultural and diverse society. Students in this course continue to develop the broad-based knowledge and skills needed to study history effectively. Students will be expected to apply their learning to the complex events and issues that have shaped the development of the American nation. Students will develop their critical thinking skills by analyzing and interpreting various historical documents, citing evidence from historical text, writing thesis-driven research papers, writing reflective essays and writing historical narratives. Students will also further their oral communication skills through Socratic seminars, class debates and discussions, and oral presentations. A variety of instructional methods and materials will enable students to confidently research and interpret events of historical significance, effectively communicate through writing and speaking, and accurately establish and defend arguments.

222 U.S. HISTORY**1 Credit ♦ Full Year ♦ Level 3 ♦ Grade 10**

United States History is a full-year survey course examining what it means to be an American in a multicultural and diverse society. Students in this course continue to develop the broad-based knowledge and skills needed to study history effectively. Students will be expected to apply their learning to the complex events and issues that have shaped the development of the American nation. Students will develop their critical thinking skills by analyzing and interpreting various historical documents, citing evidence from historical text, writing thesis-driven research papers, writing reflective essays and writing historical narratives. Students will also further their oral communication skills through Socratic seminars, class debates and discussions and oral presentations. A variety of instructional methods and materials will enable students to confidently research and interpret events of historical significance, effectively communicate through writing and speaking, and accurately establish and defend arguments. The primary intent of the course is to help students develop an understanding of U.S. history and improve their proficiency in basic skills development: note-taking, paragraph writing, thesis development and overall organization.

225 AMERICAN STUDIES**2 Credits ♦ Full Year ♦ Level 2 ♦ Grades 10**

This course combines American History and American Literature to deepen the student's understanding of America. Through interdisciplinary readings, varied writing assignments and presentations, students will enhance their skills in analyzing, evaluating and synthesizing literary and informational texts. Students will develop their written and oral communication skills and demonstrate use of a wide range of elaboration strategies and interactive listening. The course will be co-taught by an English and History teacher. Students will receive one combined grade but will receive credit for both American Literature and United States History. Enrollment will be limited to 100 students. If more than 100 students register for the course, students will be selected by lottery. This course will be equivalent to completing either American Literature 121/122 or United States History 221.

231 ANTHROPOLOGY**1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12**

This course focuses on the study of culture – what it is; how it operates; and how and why cultures around the world have similarities and differences in their customs, behaviors, beliefs, forms of organization and artifacts. In this class, we will strive toward a broader knowledge and understanding of cultural diversity, a more global perspective on human behavior, and a greater sensitivity toward the beliefs and customs of other people by analyzing, interpreting, and synthesizing a variety sources. Approached thematically, students will familiarize themselves with a wide and extensive range of informational and functional texts dealing with such areas as communication and language, social stratification, sex and gender, kinship, religion and magic and the arts. Particular focus groups include the cultural areas of the tribal societies of Africa and the Americas, the Middle East, Japan, India and China. Students will demonstrate this knowledge through written expression and oral communication strategies, including discussions and presentations. Students may elect to receive 3 credits from Rhode Island College's Early Enrollment Program while taking this course.

232 INTERNATIONAL STUDIES

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

International Studies is a course designed to make complex international issues understandable and meaningful for students. Students who take this class will be asked to analyze and interpret a variety of documents such as UN resolutions and charters and treaties, while grappling with the same tough questions that confront policymakers. Students will learn to persuasively articulate their viewpoint in both written position papers and in oral debate format. This course will encourage students to understand the issues that shape the changing international environment: keeping peace in an age of conflict, shifting sands in the Middle East, emergence of China as a world class power, and genocide. Each unit is built around a framework of alternative policy options that challenge students to consider multiple perspectives and to think critically about the issue at hand. Instructional strategies include, but are not limited to, debate and other oral presentations, model United Nations and other major conference simulations, newspaper publications, and interview techniques.

234 AMERICAN GOVERNMENT

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

The purpose of this course is to give students a better understanding of present day politics and to foster citizenship by acquainting them with the basic principles of United States law and the constitution. Ultimately, the goal is to allow students to apply the practical knowledge of the United States political system that is acquired in class and bridge it to the real world. This will result in providing a foundation for the educated, sound, political decisions that students will make in the future. Content vocabulary acquired will result in students being fully able to understand informational and functional texts such as government documents and primary sources. Topics covered include: the executive, legislative and judicial branches of government, political parties, interest groups and voting behavior. Instructional strategies include discussions, case studies, simulations, and group activities. Students are required to attend a School Committee/Town Council meeting once per quarter, analyze the issues discussed, and write a paper detailing findings.

235 ECONOMICS

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

This course is designed to give both a theoretical and practical approach to fundamental economic concepts. The basic materials for this course are the textbook Economics: Principles in Action, in-class activities and simulations, the video series “Economics USA,” interactive computer simulations and current events discussion. Topic areas include: Scarcity and opportunity costs, markets and prices, the law of supply and demand, productivity, fiscal and monetary policies, globalization and other aspects of international economics. Each student will also complete two current events research papers and one oral presentation incorporating technology and research skills. In addition, students will analyze and interpret informational and functional texts; interpret charts, tables and diagrams; research by using multiple sources; and, identify and evaluate potential sources of information. Students may elect to receive 3 credits from Rhode Island College’s Early Enrollment Program while taking this course.

238 PSYCHOLOGY

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

Psychology is the study of human behavior. This course investigates the numerous fields within psychology, as well as the methods and materials available to gather information. The primary units of study are human growth and development; heredity vs. environment; learning; personality theories; and abnormal behavior. Students will read and analyze informational texts, supplementary readings in psychology, and articles from the news. These readings will require students to infer cause and effect, summarize key points and/or arguments, and predict and/or identify change in behaviors. Students will also be required to discuss and analyze various psychological theories, leading to deeper understanding of the subject matter. Oral presentations require students to organize ideas, exhibit understanding, and communicate effectively. The culminating project, a thesis-driven paper, requires students to make an interpretive claim, make appropriate connections, analyze significance of an event or issue, and draw inferences about the relationships among content and the themes of psychology.

240 SOCIOLOGY

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 11-12

Sociology is the study of behavior in human groups and the influence of society and culture upon this behavior. The course includes an introductory unit on the methods and materials available to sociologists. Other topics include: culture, conformity, stereotyping and ethnicity; education and religion as institutions in the United States; and, problems facing American society today. Students will analyze and interpret informational texts, supplementary readings, and articles from the news. Students will also be expected to infer cause and effect, summarize key points, and identify changes in the dynamics of social behavior and social institutions. Oral presentations require students to organize ideas, exhibit understanding, and communicate effectively. The culminating project, a research paper, requires students to make an interpretive claim in the form of a thesis; analyze significance of an event and/or issue; and draw inferences about the relationships among content and the themes of sociology.

297 ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS1/2 Credit ♦ One Semester ♦
Level 1 ♦ Grades 11-12

Advanced Placement United States Government and Politics is an extensive study of government and the processes that make up the American political system. Students in this one semester course will study the political philosophies supporting the American political system and American political institutions. They will also debate historic and current controversies in American political life. This course of study will examine: constitutional underpinnings of the United States Constitution (federalism, separation of powers etc.); political beliefs and behaviors held by different ethnic and minority groups, political parties, interest groups and mass media; formal and informal institutions of national government (Presidency, Courts, Congress); formation of public policy; and, civil rights and civil liberties. In addition to knowing different facts, concepts and theories, students will be required to read and analyze primary sources and interpret basic data relevant to U.S. government and politics. This course will provide an analytical perspective on government and politics in the United States. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

298 ADVANCED PLACEMENT WORLD HISTORY

1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 12

This course highlights the nature of continuity and change over time and offers global coverage of Africa, Asia, Oceania, the Americas, and Europe. The course also exposes students to the influence of religious and philosophical ideas; the societies of Saharan and sub-Saharan Africa; the empires of China; Islam as a world system; the interaction between civilized and pastoral nomadic societies; Japanese Shogunates; the “rise” of the west, global conflicts, social and cultural history; and, the international system of the 21st Century. Textbooks used include: Traditions and Encounters by Jerry Bentley and The Human Record by Alfred J. Andrea and James H. Overfield. The course focuses on six broad themes within historical chronological order: impact of trade and other systems of international exchange; continuity and change over time; impact of technology and demography on people and the environment; systems of social structure and gender structure; cultural and intellectual developments among and within societies; and, changes in the functions and structures of states. This course is open to all those high school students who are motivated and willing to do college-level work. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems in United States history. The class prepares students for intermediate and advanced college courses by making demands upon them similar to those made by full year introductory college courses. Students will learn to assess historical materials, both primary sources and historiography. Students will be able to argue, reason, and evaluate a variety of historical sources in order to establish their own historical interpretations which will be expressed in a variety of written and spoken formats. Students will be required to demonstrate their knowledge, analysis, synthesis, and evaluation of history through Socratic seminars, document based questions, informal essays, and research papers, using a variety of historical sources and methods. Textbooks used include: American History: A Survey by Alan Brinkley and Major Problems in American History Volume I & II, edited by Elizabeth Cobbs Hoffman and Jon Gjerde. Supplementary readings from a variety of sources are also used. This course is open to high school students who are motivated and willing to do college-level work. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

SPECIAL SERVICES

The Barrington Special Education Department offers a continuum of services for students who have special needs. Staff members and/or parents may initiate a referral for these services. The evaluation process includes an evaluation meeting with parent participation at the building level, specifying recommendations for a formal diagnostic evaluation performed by certified specialists when appropriate. Consultation with parents, students, teachers, guidance counselors, and administrators is inherent in the evaluation process. Special Education services include, but are not limited to, the following:

1. Adaptive physical education
2. Resource
3. Occupational therapy
4. Physical therapy
5. Self-contained courses
6. Speech and language therapy
7. Alternative Learning Program

Placement in courses in the Special Services Department is done through the IEP Team that includes the special education teacher, the student, other specialists as appropriate, the Director of Special Education or his/her designee, and a regular education teacher. Students do not enroll themselves in these courses.

The courses described below provide small group and individualized instruction using a variety of teaching techniques to meet the needs of the students. Although the content of some of the courses parallels that of the regular classes, the material is presented at a slower pace, modified texts are used, and the emphasis is on basic concepts. Credit toward graduation will be awarded for successful completion of each course. Some of these courses may be offered only in alternate years.

730 READING I

1/2 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10

This course is designed to remediate literacy skills. The content of the course breaks down the components of what makes a good reader and builds reading skills using specific strategies. Reading comprehension, fluency and accuracy are stressed through the use of a variety of materials including the student's content area texts. Also included in this course is the reinforcement of process writing skills learned within the language arts curriculum.

731 READING II

1/2 Credit ♦ Full Year ♦ Level 4 ♦ Grades 11-12

This course is designed to remediate literacy skills. It is a follow up to the Reading I course with stronger emphasis on comprehension and fluency in reading. In addition, a major portion of the curriculum is structured for research-based reading and writing in order to support the Senior Project process.

736 KEYBOARDING

1/2 Credit ♦ One Semester ♦ Level 4 ♦ Grades 9-12

This course is designed to provide students with keyboarding skills and speed development through the use of computer-assisted instruction. Word processing and formatting of correspondence will be taught using Microsoft Word software. This class is geared to the student who needs an individualized and self-paced program. This class is recommended as a prerequisite for computer applications.

737 COMPUTER APPLICATIONS

1/2 Credit ♦ One Semester ♦ Level 4 ♦ Grades 9-12

This course gives students extensive instruction using Microsoft systems. The major emphasis will be on word processing (Word) and spreadsheets (Excel) using Microsoft Office software. Also included are PowerPoint, Publisher, and Front Page. Internet research and formatting research documents will be included. This class is geared to the student who needs an individualized program with classroom applications.

745 COMMUNICATION SKILLS

1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-12

This course provides instruction in reading comprehension, vocabulary development and spelling. Oral communication is also emphasized. Basic literacy skills are reviewed and mastered through the application of these skills to daily living and work situations.

746 MATHEMATICS APPLICATIONS

1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-12

This course provides instruction in various areas of mathematics. Basic arithmetic skills are reviewed and mastered. Skills include money management, time and job-related math applications. Problem solving is applied to daily living and work situations.

747 DAILY LIFE

1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-12

Daily Life is a course designed to introduce students to life management skills. Students will take an intensive look at the decision-making process and analyze all of the possible factors that influence the decisions one makes every day. Topics covered may include: the management process, understanding yourself, interpersonal relationships, managing family life, managing crises, emergencies, and illnesses, planning for work, making a financial plan, and managing housing decisions.

748 COMMUNITY COMPETENCY

2 Credits ♦ Full Year ♦ Level 4 ♦ Grades 9-12

This course develops an awareness of the surrounding community. There is a focus on vocational exploration, job awareness and volunteer work. Students also create a professional portfolio with a worker profile, resume, work evaluations and a letter of recommendation. Opportunities are provided to learn vocational skills at various job sites.

750 RESOURCE

The Resource Program provides support to special education students in a group setting in academic areas according to their IEP. Students utilize class assignments to further develop basic academic skills, improve organizational skills, and expand study strategies. The amount of time a student participates in a Resource class is determined by each student's IEP. Students do not receive credit for the Resource Program.

ALTERNATIVE LEARNING PROGRAM (ALP)

The Alternative Learning Program (ALP) provides support to special education students by providing a combination of small group instruction with ALP teachers and regular classes. Depending on the student's needs, this can vary from one academic class in the ALP classroom to full, self-contained academic instruction. As each student's needs change, the balance of self-contained and regular classroom instruction will also change.

Careful coordination and frequent consultation take place between the ALP staff and the ALP student's regular teachers in order to provide maximum instructional and behavioral consistency. In addition to small group instruction, academic remediation and consultation to other teachers, the ALP program also provides emotional support and frequent monitoring of a student's psychological status. One-to-one intervention is available when students are anxious, behaviorally dysregulated, extremely frustrated, or emotionally overwhelmed. This can be provided through ALP teachers, teacher assistants or the consulting clinical psychologist who has regular contact with the ALP.

Students are placed in the ALP through the IEP process. The goal of the ALP is the remediation of the emotional, behavioral, social, and academic issues so that each student can return to regular classes and achieve success. The following courses are available to students enrolled in the ALP program. Some of these courses may be offered only in alternate years.

744 CAREER EXPLORATION**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-12**

This introductory course explores career clusters, employment trends, basic budgeting and work-related issues. The beginning stages of career planning including interest inventories, lifestyle choices and self assessment are examined. A career portfolio is developed as a component of the course.

749 DAILY LIVING**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-12**

This course applies the students' academic skills to daily living. Transition planning in the areas of employment, post secondary education and training, independent living and community participation is the basis for this course. Effective leadership skills are emphasized through course discussion and activities.

759 RESOURCE

The Resource Program provides support to special education students in a group setting in academic areas according to their IEP. Students utilize class assignments to further develop basic academic skills, improve organizational skills, and expand study strategies. The amount of time a student participates in a Resource class is determined by each student's IEP. Students do not receive credit for the Resource Program.

760 ENGLISH 9**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10**

This course is designed to review and develop basic skills in literacy such as reading comprehension, vocabulary development, writing techniques and communication skills. Study skills and reference skills are emphasized.

761 ENGLISH 10**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10**

This course develops basic literacy skills in reading, writing and composition. Various genres in literature are studied with an emphasis on skill development. Process writing techniques are taught in order to provide a foundation for developing skills in writing research papers.

762 ENGLISH 11**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 11-12**

This course emphasizes effective communication skills in both writing and speaking. Ability to successfully read and comprehend a variety of literature is the basis of this course. This course helps students develop their basic literacy skills in order to be successful in the workplace and in college settings.

763 ENGLISH 12**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 11-12**

This course is a continuation of English 11. Support is given to students as they complete the components of Senior Project through this course. Effective writing and speaking as well as the ability to read, comprehend and analyze a variety of literature are emphasized.

764 HISTORY 9**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10**

Students will study western civilization, including chronological events related to geography, politics, society, nationalism, religion and art. Various texts, resources and audio visual materials are used.

765 HISTORY 10**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10**

This course provides a chronologically organized study of the aspects of United States history. The intent of the course is to develop an understanding of the concepts, personalities, values and turning points that have shaped American history. Emphasis is placed on skill development such as class participation, presentations and critical thinking.

766 HISTORY 11**1/2 Credit ♦ One Semester ♦ Level 4 ♦ Grades 11-12**

This course is designed to provide students with an understanding of the American government system. Current events are used to analyze the political system. The rights and responsibilities of citizenship are emphasized. Applied skills, such as literacy and presentation are incorporated in the course activities.

767 HISTORY 12**1/2 Credit ♦ One Semester ♦ Level 4 ♦ Grades 11-12**

This course introduces students to fundamental principles of economics as it relates to their life as consumers, employees and taxpayers. The US free enterprise system is explored with special focus on the stock market. Applied skills such as literacy, communication and teamwork are incorporated into the class activities.

768 SCIENCE 9**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10**

This course covers basic scientific concepts in the areas of chemistry, forces, production and use of energy related to the natural and physical world. Basic concepts of physical science are covered through classroom demonstrations and class activities.

769 SCIENCE 10**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10**

This course explores the relationships among living things and their environments. Tiny cells to entire organisms are studied with an emphasis on the human body and associated health issues. Classroom demonstrations and activities reinforce concepts taught in this course.

770 SCIENCE 11**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 11-12**

Students will explore topics such as plants, climate, rocks, minerals and the earth's composition. Attention is also given to the effects of conservation and pollution in our immediate environment through classroom activities, lecture and demonstration.

772 MATH 9**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10**

This course is designed to review arithmetic procedures and introduce algebraic concepts. The content is taught at a slower pace to meet the needs of individual students. Topics will include operations with integers, fractions, decimals and directed numbers; solving equations and inequalities; properties of equality and polynomials.

773 MATH 10**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 9-10**

This course is a continuation of Math 9 and covers algebraic concepts. The course reviews operations with directed numbers, solving equations, polynomials, factoring fractions, simultaneous equations, graphing and the quadratic formula. The content is taught at a slower pace to meet the needs and ability levels of individual students.

774 MATH 11**1 Credit ♦ Full Year ♦ Level 4 ♦ Grades 11-12**

This course focuses on applied learning of math skills in the areas of personal finance. Topics covered include household budgeting, maintaining a checkbook, using credit, banking, personal taxes, and other practical information in successful money management. This course teaches concepts at the individual student's rate of learning.

TECHNOLOGY EDUCATION

A student may use Architectural Design or Woodworking to fulfill the .50 credit requirement in the arts. Also, a student may use Computer Aided Design or Pre-Engineering to fulfill the .50 credit requirement in technology.

711 WOODWORKING I

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

This introductory woodworking course introduces the students to the essential principals of woodworking. Topics include wood technology, use of hand tools, portable power tools, project estimating and basic machine operations. Emphasis is placed on proper technique, safety and shop policies for the woodworking facility. Students are required to complete a series of projects designed to develop primary wood working skills.

715 CONSTRUCTION TECHNOLOGY

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12

Prerequisite: Woodworking

This course provides students with an opportunity to explore the construction industry and its impact on society. Students are introduced to state and local zoning, building and planning/surveying codes. Topics include site selection and plot surveying, percolation testing, foundation, wood frame and steel construction. Other topics include insulation, heating, plumbing, and wiring systems. A working model will be required.

724 COMPUTER-AIDED DESIGN

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

This course will focus on basic computer-aided drafting skills using the latest release of CAD software to create 2D drawings. Content will include file management, edit commands, coordinate systems, drawing set-ups, drawing aids, layer usage, drawing geometric shapes, editing objects, array, text applications, and basic dimensioning. 3D Parametric Modeling will be introduced through the use of Inventor software. A design portfolio with an animated design will be required.

725 ARCHITECTURAL DESIGN

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12

This course focuses on the use of computer-aided architectural software (REVIT) to complete a residential building design project. Students will design a complete set of plans including floor, foundation, electrical and elevation views. These plans will be subject to state and local building codes. Other aspects in architecture such as contemporary issues and trends in the industry, environmental sensitivity, alternate energy sources, and hurricane protection and construction principals in the architectural industries are covered. A visual or structural model will be required.

726 PRE-ENGINEERING

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 10-12

Prerequisite: Computer-Aided Drafting

Through a combination of lecture, hands-on exercises and drawing assignments, the students will be introduced to 3D animation software (AutoCAD and Inventor). This course is designed to provide the students with the necessary skills to streamline drawing tasks in order to solve real world problems through the Engineering Design Process. Students in engineering teams will apply technology, science, and mathematical concepts to solve design problems. Computer simulations and hands-on Modeling will be analyzed, improved and tested using equipment such as a Wind Tunnel. Disciplines will include Mechanical Engineering, Energy and Power, Transportation, Manufacturing and Construction Technology.

THEATRE

Theatre is an opportunity to express oneself through images, characters, and stories. Drama classes offer something for students of all experience levels. Though some classes may culminate in a performance, the focus of all classes will be on the process. Students will be expected to participate and be evaluated on their individual growth. Theatre classes encourage participants to:

- think creatively
- develop personal skills
- investigate the social and historical context in which they live
- make responsible choices
- form artistic judgments

The ultimate goal is to promote an appreciation of the arts, a deeper self-awareness for the students, and a more sensitive understanding of the world. Furthermore, students who participate in drama classes will be given a set of skills to better prepare them for senior presentations. These skills will include:

- an awareness of body language
- expressive voice
- communication skills
- listening skills
- problem-solving
- better diction and projection
- self-confidence
- understanding of audience
- thinking “on your feet”

880 INTRODUCTION TO THEATRE

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This course is dedicated to enriching the student’s knowledge of theatre and developing a greater appreciation of the arts. Students will explore theatre from various viewpoints including: acting, directing, and production. Students will attend a live theatre performance, as well as create their own theatrical presentation at the end of the semester. This course will also include an overview of technical theatre and theatre history. This course does not require previous experience and is open to all students.

881 ACTING I

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

Prerequisite: Introduction to Theatre or Permission of Instructor

This course emphasizes basic acting skills through drama exercises including improvisation, movement, concentration, voice production and character development. Acting techniques are presented, as well as an assortment of theatre games and teambuilding exercises. Students will study scenes and monologues for performance at the end of the semester.

882 ACTING FOR FILM AND TELEVISION

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades 9-12

This course builds on the skills from Acting I, paying special attention to the differences between stage performance and acting for film and television. Students will become familiar with the tools, terminology, and procedures necessary for a career in film. In addition to acting for the camera, students will learn how to audition for a commercial as well as build a reel of their work.

883 PLAYWRITING AND SCREENWRITING

1/2 Credit ♦ One Semester ♦ Level 2 ♦ Grades

Prerequisite: Introduction to Theatre or Permission of Instructor

This course is designed to familiarize students with the process of writing for theatre and film. Students will explore playwriting and screenwriting techniques through group and independent dramatic writings. Students will have exercises in filmic and theatrical writing by producing monologues, commercials and scenes in preparation for writing both a one-act play and a screenplay for a film-short which may be shared in a staged reading at the end of the semester.

WORLD LANGUAGES

311 FRENCH I

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

This course gives the student basic proficiency in listening, speaking, writing, and reading skills in the French language. Students begin their French communication with vocabulary related to basics of school, home life, and activities, as well as common expressions related to time, dates, ages, and numbers. Students learn to use the present tense of verbs and the agreement of nouns, adjectives, and articles. They use a DVD program to develop listening and speaking skills and to compare cultural aspects of French-speaking countries with their own. Students use CD's in the language lab to improve their aural/oral skills. Through role-playing, pairing, open-ended conversations, and in small groups, they creatively use the language they are learning. Students use technology in their projects on the family and travel.

312 FRENCH II

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

Prerequisite French I

In French II, students increase their proficiency in the four skills, with an increased emphasis on communication and writing. Vocabulary is related to daily topics such as leisure activities, health, and technology. Grammar includes, among other things, the partitive, double object pronouns, the passé composé, the imperfect, interrogation, and negation. Students learn to increase their potential for communication through listening for gist and inferring from context. They continue to study French culture through a video program and other activities, comparing that culture with their own. Through CD's and the language lab, students improve their listening and speaking skills. Through role-playing, pairing, structured drills, open-ended conversations with the teacher or in small groups, students creatively use the language they are learning. They use technology in their projects on French culture and geography.

313 FRENCH III

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12

Prerequisite: French II

In French III, students continue to increase their proficiency in the four skills, with an increased emphasis on vocabulary building and reading. Increased vocabulary, more complex now than in French I and II, allows students to connect the French language and culture with their own lives. Situations from texts serve not only to introduce new cultural topics but also to help students connect with their own experiences by producing similar skits and through interaction in the class. Vocabulary will include new words and idioms, especially as related to French culture. Grammar introduced in French II is reinforced and the subjunctive is presented. Through CD's and the language lab, students will continue to gain proficiency in speaking and listening. They will continue creative use of the language in class with role-playing, pairing, structured drills, open-ended conversations with the teacher or in small groups, and class presentations. Students will use technology to widen their community by researching current events from French news sites.

314 FRENCH IV

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 11-12

Prerequisite: French III.

French IV provides students with the opportunities to refine the four skills (listening, speaking, reading and writing) necessary for learning a language. Students enhance their study of French with an emphasis on historical events from prehistory to the 19th Century. Speaking will be addressed through planned presentations, conversations, and debates. Students read works by French speaking authors from diverse literary periods as well as periodicals and internet articles. They will write informally and formally on a regular basis. Previously studied grammar is reviewed and reinforced. Passé simple, a literary tense, is also studied. In the lab, students will continue creative use of the language with listening and speaking activities related to historical events and grammar dictations. Students will compare francophone cultures with their own as cultural topics are revealed in the texts studied this year.

316 ADVANCED PLACEMENT FRENCH LANGUAGE

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 11-12

Prerequisite: French IV

Advanced Placement French provides students with an opportunity to develop their proficiency in all four language skills (listening, speaking, reading and writing) by working at a college level and to prepare for the Advanced Placement exam given in the spring. Conversation and composition are emphasized through the study of advanced readings, grammar, and audio-visual activities. Contemporary periodicals, videos, and Internet assignments will supplement the program and allow students to refine their communication skills. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

321 SPANISH I

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

Spanish I provide students with an introduction to the language and culture of the Spanish-speaking world. The course helps students develop all four communication skills (listening, speaking, reading, and writing), with special emphasis on listening and speaking. Vocabulary at this level is basic, including idiomatic expressions of weather, time, etc. Grammar includes the present and present progressive of both regular and irregular verbs. Students learn both grammar and vocabulary in the context of the contemporary Spanish-speaking world, and learn to connect this world to their own life and experience. In the language lab, students develop listening and speaking skills. An audio/video program also increases these skills, while authenticating Hispanic culture and building vocabulary. In the lab, students take part in structured drills, role -playing, pairing, pronunciation practice, and free expression. Recording and playback allow for student feedback, and recorded speaking tests provide student assessment.

322 SPANISH II

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

Prerequisite: Spanish I

In Spanish II, students review Spanish I, improving their four communication skills. Both the preterit and imperfect tenses are studied. At the end of the second level, students will have a command of basic Spanish vocabulary and structures necessary for practical use. In the language lab, students develop listening and speaking skills. An audio/video program also increases these skills, while authenticating Hispanic culture and building vocabulary. In the lab, students take part in structured drills, role -playing, pairing, pronunciation practice, and free expression. Recording and playback allow for student feedback, and recorded speaking tests provide student assessment. Students learn about the diverse cultures of the Spanish-speaking world, as well as the Hispanic presence in the United States. They learn to compare these cultures to each other and with their own culture.

323 SPANISH III

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12

Prerequisite: Spanish II

In Spanish III, students continue to gain proficiency in the four basic communication skills. They review all tenses and learn the two basic subjunctive tenses. Their vocabulary increases, allowing them to write compositions on selected topics. They gain listening and speaking practice through discussions, oral reports, skits, and proficiency-oriented activities. In the language lab, students continue to develop listening and speaking skills through an audio/video program, which also authenticates Hispanic culture and builds vocabulary. Students take part in structured drills, role-playing, pairing, pronunciation practice, and free expression. Recording and playback allow for student feedback, and recorded speaking tests provide student assessment.

324 SPANISH IV

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 11-12

Prerequisite: Spanish III

In Spanish IV, students refine their listening and speaking skills as they become more able to communicate in the language. They make more connections with the Spanish-speaking world through discussing and writing about such topics as ecology, social change, politics, and the Hispanic presence in the United States. They compare Spanish-speaking cultures with their own. They increase their sense of the Hispanic community not only geographically but also temporally through reading selections from the different literary genres: poetry, short stories and excerpts from novels. They also use periodicals and internet articles to supplement the basic text. Through film and video materials with native speakers, students improve their listening and speaking proficiency. A video program builds vocabulary, enhances listening and speaking, and provides cultural comprehension. The language lab continues to be integral to the course. Students do role -playing, paired conversations, pronunciation practice, and free expression. They receive feedback throughout. They also are assessed through recorded speaking tests.

326 ADVANCED PLACEMENT SPANISH LANGUAGE

1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 11-12

Prerequisite: Spanish IV

Advanced Placement Spanish provides students with an opportunity to develop their proficiency in all four language skills (listening, speaking, reading, and writing) by working at a college level and to prepare for the Advanced Placement exam given in the spring. Conversation and composition are emphasized through the study of advanced readings, grammar, and audio-visual activities. Contemporary periodicals, videos, and Internet assignments will supplement the program and allow students to refine their communication skills. Students taking this course will be prepared for the Advanced Placement Exam and are expected to take it.

327 SPANISH FOR HEALTH CARE

½ Credit ♦ One Semester ♦ Level 2 ♦ Grade 12

Prerequisite: Spanish I, II, and III

This course is designed to provide students with real-world language and culture training so that they can master the “need-to-know” language related to health care and develop cultural insights significant to patient care. Key vocabulary, focusing on core expressions for occupational use, will be presented and reinforced by the use of art, photographs, realia, and brief dialogues. Communicative survival will be emphasized and supported by listening and speaking activities to be done in the language laboratory. Grammar practice will be embedded in context.

This course has been designed for students who have completed Spanish I, II, and III; however, it is not equivalent to Spanish IV and will not prepare students to take AP Spanish.

328 SPANISH FOR BUSINESS**½ Credit ♦ One Semester ♦ Level 2 ♦ Grade 12**

This course is designed to provide students with real-world language and culture training so that they can master the “need-to-know” language related to business and develop cultural insights significant to working with clients. Key vocabulary, focusing on core expressions for occupational use, will be presented and reinforced by the use of art, photographs, relia and brief dialogues. Communicative survival will be emphasized and supported by listening and speaking activities to be done in the language laboratory. Grammar practice will be embedded in context.

This course has been designed for students who have completed Spanish I, II and III; however, it is not equivalent to Spanish IV and will not prepare students to take AP Spanish.

331 LATIN I**1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12**

The principal objectives of Latin I are to read Latin well, to develop an understanding of the nature of language, and to discover the relationship between the Roman way of life and our own. Students will master the basic grammatical patterns of Latin literature, will develop a strong vocabulary base, helpful for both Latin and English studies, and will read short stories in Latin. Students will study the history and mythology of ancient Rome.

332 LATIN II**1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12**

Prerequisite: Latin I

This course continues the sequential study of Latin grammar begun in Latin I. Readings in Latin prose, connections between Latin and English grammar, and the introduction of new Latin grammar will comprise the core of the second year course. Cultural units will focus on Roman daily life and history. By the end of the year, students will read authentic Latin from selections of Caesar and Pliny.

333-334 LATIN III, IV**1 Credit ♦ Full Year ♦ Level 1 ♦ Grades 11-12**

This course offering is for students interested in furthering their knowledge of Latin through extensive reading of Latin prose and poetry. Students will be responsible for both understanding and interpreting the literature of the course; classes will be comprised of readings in Latin and discussions of the Latin texts as a reflection of Roman culture and society. In the 2010–2011 year students will read the works of Latin prose authors Cicero, Pliny, Seneca, and Terentius. Students will improve their communication skills in both Latin and in English by learning to recognize and use figures of speech and to appreciate the fine art of literature. Through the study of archeology, students will better understand Roman life and will develop greater appreciation for cultural diversity of various communities. In the 2011-2012 year students will read the works of the Latin poets Catullus, Horace, and Vergil and the prose author Cicero. The year’s study includes the reading of Vergil’s *Aeneid* in English. Versification and grammar particular to the poetry of the Augustan Age are also addressed.

335 ADVANCED PLACEMENT LATIN VERGIL

1 Credit ♦ Full Year ♦ Level 1 ♦ Grade 12

Advanced Placement Latin covers a substantial amount of Vergil's *Aeneid*. Students will translate accurately from Latin to English and will demonstrate a grasp of grammatical structures, vocabulary, literary techniques, and poetic meters. Stylistic analysis is an integral part of the advanced work. Focus on the literature, history, politics and art of the late republican and early empire periods will supplement the reading.

341 MANDARIN CHINESE I

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 9-12

This course provides students with an introduction to the Chinese language and culture. Students will develop basic proficiency in all four language skills: listening, speaking, reading, and writing. Vocabulary acquisition will be stressed. Using spoken language in every day situations will be emphasized through pronunciation drills and listening/speaking activities in the language laboratory. Basic grammar will also be introduced through practice exercises. Students will begin to recognize and write Chinese characters.

342 MANDARIN CHINESE II

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 10-12

This course is an advanced beginner's course in Mandarin Chinese. By consolidating their mastery of the fundamental sentence patterns of Chinese, students will improve their proficiency in the four language skills (listening, speaking, reading, and writing.) They will extend their ability to communicate verbally and in writing in every day situations. They will also continue to develop their knowledge of Chinese culture. On completion of the course, it is anticipated that students will be able to express themselves effectively in an increasing number of routine situations.

343 MANDARIN CHINESE III/IV

1 Credit ♦ Full Year ♦ Level 2 ♦ Grades 11-12

At this level, the students will continue to honing their language skills and cultural understanding. They will develop the skills necessary to carry on a more advanced-level discussion in Chinese, expressing their opinions as they talk about issues related to current events, and aspects of Chinese culture, such as food, holidays, and Chinese medicine. They will also begin to learn the written form of Chinese, which is different from the modern spoken form of the language.

EAST PROVIDENCE CAREER AND TECHNICAL CENTER

VOCATIONAL PROGRAM

The Vocational Program is designed for students in Grades 9 through 12. Students select a course that will be suitable to the findings determined by test scores and admission interview. Students must access the Vocational Program on a full-time basis and receive an East Providence High School diploma. All classes are taken at the Vocational School and East Providence High School.

TECHNICAL PROGRAM

The Technical Program is designed for students with average or better than average aptitudes. Students carry a common core of academic courses in addition to the technical courses.

VOCATIONAL PROGRAMS

- Automotive Body Repair
- Automotive Mechanics
- Banking and Insurance
- Construction
- Culinary Arts
- Drafting
- Graphic Communications (Printing)
- Electricity - Electronics
- Health Occupations
- Landscape/Greenhouse
- Machine Processes
- Office Training

STUDENT SELECTION PROCESS

1. Student enrollment quotas are established for communities by the area vocational-technical center and are calculated on a percentage basis of the most recent October enrollment figures for the 9th grade of each school district served.
2. In January and early February, vocational counselors conduct assemblies. Students are made aware of the vocational offerings and an emphasis is placed on the non-traditional training opportunities.
3. In February, all interested 8th graders are provided an opportunity to visit the vocational school while it is in operation.
4. Interested students are instructed to fill out an application (including parents' signature) and return it to their middle school or high school counselor.
5. The counselor attaches a transcript of the student's grades, test scores and other pertinent information and forwards this package to the vocational school.
6. The vocational counselor reviews the applicant's records.
7. The vocational counselor consults with the middle school or high school counselor. Basic admission criteria include the following:
 - Good attendance records
 - Acceptable scores on standardized tests to indicate success in the vocational area chosen by the student
 - School counselor's recommendation
 - Satisfactory conduct record

- Satisfactory academic achievement as follows:
 - He/she must have successfully completed the previous year.
 - Ninth grade students coming into the tenth grade must complete three major subjects (or equivalent) including ninth grade English
 - Handicapped students must have an educational plan which includes specific reference to the student's need for vocational education and his/her potential for success therein.
8. Students are notified of acceptance via the mail.
 9. Applicants not accepted at this time are ranked and placed on a waiting list.
 10. Final approval for student admission is the responsibility of the area Vocational Technical School Director.

Four-Year Educational Plan

Student's Name _____

Grade	9	10	11	12
PE/Health 2 credits				
English 4 credits				
Mathematics 4 credits				
Science 3 credits				
World History 1 credit				
U.S. History 1 credit				
Economics ½ credit				
Government ½ credit				
Art/Music/Theatre/Dance ½ credit				
World Languages				
Electives				
Total Credits:				

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Review (Audit) Courses.....	12
Web-Based Courses.....	12

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901 Studio Art.....	13
905 Drawing I.....	13
906 Drawing and Painting II.....	13
911 Printmaking.....	13
912 Graphic Design and Imaging I.....	14
913 Digital Imaging.....	14
915 Ceramics I.....	14
916 Ceramics II.....	14
923 Art Portfolio.....	14

BUSINESS EDUCATION

611 Computer Keyboarding.....	15
620 Personal Finance.....	15
622 Accounting I.....	15
650 Marketing-Sports & Entertainment.....	15
656 Entrepreneurship.....	16
660 International Business.....	16
661 Fashion Merchandising.....	16
663 Business Law.....	16
664 Introduction to Television/Video Production ...	16
665 Advanced Television Production.....	17
668 Economics Today and Tomorrow.....	17
677 Work Study.....	17

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151 Basic Academic Writing.....	23
152 Journalism.....	23
153 Creative Writing.....	24
154 Public Speaking.....	24
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156 College Writing Techniques.....	24
158 Media Studies and Cultural Studies.....	25
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952 Chorus.....	32
954 Music History.....	32
955 Music Theory and Composition.....	33
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521 Biology	37
526 Biology	37
527 Chemistry.....	37
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541 Physics.....	38
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598 Advanced Placement Chemistry.....	38
599 Advanced Placement Biology.....	39
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211 World History.....	40
212 World History.....	40
221 U.S. History.....	40
222 U.S. History.....	41
225 American Studies.....	41
231 Anthropology.....	41
232 International Studies.....	42
234 American Government.....	42
235 Economics.....	42
238 Psychology.....	42
240 Sociology.....	43
297 Advanced Placement Government.....	43
298 Advanced Placement World History.....	43
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715 Construction Technology.....	50
724 Computer-Aided Drafting.....	50
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