



Cranston High School West

Program of Studies : Electives

ENGLISH DEPARTMENT

041 MEDIA STUDIES I Term: FY Grade: 9-12 PBGR: 1.0 Technology

This course explores the effect of the mass media on society and the individual and traces the development and impact of emergent technologies, foundation theories, and traditional concepts. The Media Studies course surveys the history and possible future of mass media, including newspaper, magazines, television, radio, film, advertising, the recording industry, and the Internet. Students will learn how advertising dollars are crucial for the survival of mass media entities, and as part of this lesson, they will be required to sell ads and design/create advertising units. This course encourages students to expand their repertoire of language skills and strategies with the goal of teaching students how to become critical listeners, readers and viewers, as well as effective users of the media available to them.

042 MEDIA STUDIES II Term: FY Grade: 10-12 PBGR: 1.0 Technology

Prerequisite: Media Studies I or teacher recommendation

Media Studies II focuses on application of theory and skills learned in Media Studies I, and includes guest speakers in the media profession, honing of career skills, and mastery of theory as it applies to practice. Students will collaborate to create both short and long-term projects that afford them the opportunity to explore all the elements that comprise the modern media.

043 MEDIA STUDIES III Term: FY Grade: 11-12 PBGR: 1.0 Technology

Prerequisite: Media Studies II or teacher recommendation

This is the last in the Media Studies Course series. It is geared towards those students whose performance in both Media Studies I and II was exceptional and who may wish to pursue a career in the media. Students will be asked to produce in-depth projects that demonstrate their mastery, and they will work with mentors in either public relations/advertising, broadcast or journalism.

045S WRITING TO INFORM AND EXPLAIN Term: S Grade: 12 PBGR: 0.5 Elective

046S CREATIVE WRITING HONORS Term: S Grade: 12 PBGR: 0.5 Elective

Prerequisite: English 11 H or teacher recommendation

English 12 Writing to Inform and Explain (URI Writing 104) is an elective writing course that offers students the opportunity to earn simultaneously one semester of college preparatory credit and three hours of college credit from the University of Rhode Island. This college freshman course focuses upon writing emphasizing the sharing of information and the varieties and strategies of expository writing for differing audiences and situations. The three college credits are often, but not guaranteed, transferable to other colleges and universities. A small fee is charged to cover the cost of URI registration and the textbook. Second semester is an in-depth, intensified creative writing component.

047M IMAGINATIVE/CREATIVE WRITING Term: FY Grade: 9-12 PBGR: 0.5 Elective

Prerequisite: None

Students interested in creative writing will practice composing a variety of genres including short poems and short stories. The use of journal writing to reflect on their work and the improvement they see in their writing skills will become an integral part of the course. Peer editing will also be included. Students will have the opportunity to read their original stories/poetry to the large group; thus, their presentation skills will be sharpened.

048M PUBLIC SPEAKING Term: FY Grade: 9-12 PBGR: 0.5 Elective

Prerequisite: None

This course provides a practical, non-threatening atmosphere for the student to develop speech writing and delivery using informative and persuasive formats. Extemporaneous, impromptu, and manuscript modes are utilized. Proper use of visual aids is stressed and developed. Emphasis is placed on individual style and includes much "hands-on" individualized student-teacher work.

050 INTRODUCTION TO THEATER Term: FY Grade: 9-11 PBGR: 1.0 Fine Arts

Prerequisite: None

Introduction to Theater provides students with a wide range of experiences leading to a better understanding of drama from the perspective of both the spectator and the artist. Students will study famous plays exemplifying several types of drama and special production techniques. Members of the class will practice dramatic reading, basic blocking and staging techniques, and discuss scenery, make-up, and costuming. Students will also be expected to attend live theater performances as field trips or weekend activities.

051 ADVANCED THEATER HONORS Term: FY Grade: 10-12 PBGR: 1.0 Fine Arts

052 ADVANCED THEATER Term: FY Grade: 10-12 PBGR: 1.0 Fine Arts

Prerequisite: Introduction to Theater and teacher recommendation

This course is designed for students who are considering more specialized study in some particular area of theater. Students will participate in projects, research discussions and special activities. Theater history will be included. A considerable amount of reading and writing will be required.



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Students who demonstrated exemplary performance in all aspects of Introduction to Theater, may choose to enroll in 051. Extra, in-depth work is required including attendance at out-of-school theater productions and critiques of those productions.

053 ACTING-DIRECTING I Term: FY Grade: 10-12 PBGR: 1.0 Fine Arts
Prerequisite: Introduction to Theater

This course provides students with a continuation of the introductory course with a particular focus on performing and directing. Intensified training in physical movement, vocal expression, and basic acting techniques are stressed. Students will practice a variety of theatrical styles and ensemble theater work.

054 ACTING-DIRECTING II Term: FY Grade: 11-12 PBGR: 1.0 Fine Art
Prerequisite: Acting-Directing I

This course offers second year study for additional credit at the discretion of the teacher.

057 THEATER DESIGN AND PRODUCTION Term: FY Grade: 10 -12 PBGR: 1.0 Fine Arts
057M THEATER DESIGN AND PRODUCTION Term: FY Grade: 10 -12 PBGR: 0.5 Fine Arts

Prerequisite: Introduction to Theater and/or Introduction to Woodworking

This course focuses upon the development and construction of theater sets and the textile aspects of theater production including the elements of costume design and creation. Students will read and study the work being produced under the direction of the theater instructor. Under the direction of the theater director, costumes will be designed for productions and the industrial technology instructor will guide students in the development and construction of sets needed for the production. The work students produce both individually and in groups will be the basis for their final evaluation.

085M WRITING LAB 1 Term: FY Grade: 9-10 PBGR: 0.5 Elective
085S WRITING LAB 1 Term: S Grade: 9-10 PBGR: 0.5 Elective

Prerequisite: None

This course is designed for motivated students who wish to improve their analytical thinking and writing skills. It begins with a review of basic writing and editing skills such as sentence and paragraph construction and revising. The focus of this course then shifts to analytical thinking and writing based on a series of fiction and non-fiction readings.

086M WRITING LAB II Term: FY Grade: 10-12 PBGR: 0.5 Elective
086S WRITING LAB II Term: S Grade: 10-12 PBGR: 0.5 Elective

Prerequisite: Writing Lab I

This is the second year of Writing Lab. It focuses on analytical thinking and writing based on prose; however, the focus of the course is the production of thoughtful, well-written, well-documented essays and papers including narrative, persuasive, and those that are research based.

SOCIAL STUDIES DEPARTMENT

110 EUROPEAN HISTORY AP Term: FY Grade: 10 PBGR: 1.0 Social Studies
Prerequisite: World History I Honors or Teacher Recommendation

This course provides the student with a college level presentation of European History from the Reformation (about 1500) to an analysis of contemporary European society. The themes of nationalism, revolution, totalitarianism and industrialization are used throughout this survey. Emphasis will be placed on research, writing, and analytical skills as a college course would. Students are prepared for and strongly encouraged to take the Advanced Placement Examination from the College Board for college placement or credit.

111 WORLD HISTORY II AP Term: FY Grade: 10 PBGR: 1.0 Social Studies
A GLOBAL PERSPECTIVE

Prerequisite: World History I Honors or Teacher Recommendation

This course provides the student with a college level presentation of the years 1000 CE (Common Era) to the present. It includes a foundations unit to review prior developments in World History. There are two purposes of the course. One is for students to develop a greater understanding of the evolution of global contacts. The second is to build an understanding of cultural, institutional and technological forces that affect changes in international patterns of human existence. Students will be introduced to current historical methods of study, will be exposed to different types of historical evidence and current interpretive issues, and will practice appropriate analytical skills. Students are prepared for and strongly encouraged to take the Advanced Placement Examination from the College Board for college placement or credit.

141M CONTEMPORARY AFFAIRS Term: FY Grade: 9-10 PBGR: 0.5 Social Studies
Prerequisite: May take concurrently with World History I, designed for 9-10th grade students

This course will allow students to become knowledgeable about the affairs of their state, country, and world in the



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accepts credits from Rhode Island College.

172S AMERICAN GOVERNMENT Term: S Grade: 12 PBGR: 0.5 Social Studies

Prerequisite: US History or Teacher Recommendation

Students will explore and analyze the major political institutions of American society. Students will examine the

foundations of American government, political behavior, mass media and public opinion, interest groups, civil liberties, and civil rights. Students will learn communication skills as well as other higher level thinking skills.

175S ECONOMICS H/EE Term: S Grade: 12 PBGR: 0.5 Social Studies

176S ECONOMICS Term: S Grade: 12 OR PBGR: 0.5 Math Related

Prerequisite: US History and Teacher Recommendation

This course will provide the students with an analysis of the major principles of modern economics with a particular emphasis on macroeconomics topics. The course highlights the major debates over economic systems, resource allocation and utilization and government stabilization policies. Students in the Honors section will have the option of receiving three undergraduate credits from Rhode Island College through the Early Enrollment Program and these credits will transfer to any other college that accepts credits from Rhode Island College.

MATHEMATICS DEPARTMENT

345M INTRODUCTORY STATISTICS Term: FY Grade: 9-11 PBGR: 0.5 Mathematics

Prerequisite: Algebra I (co-requisite) or Teacher Recommendation

This course will introduce students to basic concepts of Statistics and Probability such as measures of central tendency, dispersion, quartiles, regression lines, experimental and theoretical probability, and counting methods. Students will apply and reinforce the concepts of the course with technology ie. spreadsheet software and graphing calculators. Students will engage in data collection for the purpose of statistical study and experimentation to verify probability theory.

371 PROGRAMMING/VISUAL BASIC HONORS Term: FY Grade: 9-12 PBGR: 1.0 Math Related

Prerequisite: Algebra I or teacher recommendation

OR PBGR: 1.0 Technology

This honors level course is a rigorous introduction to good programming style and problem solving strategies. The areas of emphasis are the components of the computer, computer logic, flow charting, writing programs in the BASIC language, and writing BASIC programs and VISUAL BASIC programs. Mathematical, scientific, and additional applications will be assigned as programs. Lab time will be available for projects.

372 PROGRAMMING/VISUAL BASIC Term: FY Grade: 10-12 PBGR: 1.0 Math Related

Prerequisite: Algebra I or teacher recommendation

OR PBGR: 1.0 Technology

The areas of emphasis are the components of the computer, computer logic, flow charting, writing programs in the BASIC language, and writing BASIC programs and VISUAL BASIC programs. Mathematical, scientific, and additional applications will be assigned as programs. Emphasis will be placed on good programming style and on problem solving strategies. Lab time will be available for projects. The Windows 95 operating system will be used.

375 PROGRAMMING JAVA AP Term: FY Grade: 11-12 PBGR: 1.0 Math Related

376 PROGRAMMING JAVA HONORS Term: FY Grade: 11-12 OR PBGR: 1.0 Technology

Prerequisite: Programming Visual Basic Honors or teacher recommendation

This is an in-depth, rigorous course in programming in JAVA. It will include topics such as types, operators, expressions, control flow, functions, arrays, pointers, structures, file handling and the JAVA implementation of stacks, queues, and linked lists. Additionally, general background and concepts about computers will be emphasized. Projects, papers, and completion of specific programming outside of the classroom are required. Selected students will be encouraged to take the CEEB Advanced Placement Computer Science Exam.

377 PROGRAMMING JAVA Term: FY Grade: 11-12 PBGR: 1.0 Math Related

Prerequisite: Programming Visual Basic or teacher recommendation

OR PBGR: 1.0 Technology

This course, comparable to a first semester university course in JAVA, will focus on programming using the JAVA computer language. Equal emphasis will be placed on learning and using elementary JAVA language structures and on developing and employing structured programming techniques for program design and problem solving.

SCIENCE DEPARTMENT

430 CHEMISTRY II AP Term: FY Grade: 11-12 PBGR: 1.0 Science

Prerequisite: Chemistry I, Adv Algebra/Trig (may be concurrent) and teacher recommendation OR PBGR: 1.0 Math Related

This course is designed for those students who have successfully completed one year of chemistry and are planning a career in the biological or physical sciences. In addition to a review of basic chemical concepts, the student will be



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introduced to such topics as chemical kinetics, chemical equilibrium, electrochemistry, biochemistry, and nuclear reactions. Students have the option of taking the AP chemistry examination and may also elect the Early Enrollment option, earning college credit from Rhode Island College.

431 CHEMISTRY II HONORS / EE Term: FY Grade: 11-12 PBGR: 1.0 Science
Prerequisite: Chemistry I, Adv Algebra/Trig (may be concurrent) and teacher recommendation OR PBGR: 1.0 Math Related

This course is designed for those students who have successfully completed one year of chemistry and are planning a career in the biological or physical sciences. In addition to a review of basic chemical concepts, the student will be introduced to such topics as chemical kinetics, chemical equilibrium, electrochemistry, biochemistry, and nuclear reactions. It may be possible for a student to have the option of earning college credit in chemistry through the early enrollment program of Rhode Island College.

432 BIOLOGY II AP Term: FY Grade: 11-12 PBGR: 1.0 Science
Prerequisite: Biology I Honors, Chemistry I and teacher recommendation OR PBGR: 1.0 Math Related

This is an advanced course for those students who have successfully completed one year of biology and are considering a career in the biological/environmental/medical sciences. Students will design and conduct laboratory activities to investigate the biochemistry of cell respiration, photosynthesis, digestion, and muscle physiology. Topics in microbiology, inheritance and bioenergetics of ecosystems will also be studied. Special independent projects will be required of students taking this course for Honors credit.

433 BIOLOGY II HONORS Term: FY Grade: 11-12 PBGR: 1.0 Science
Prerequisite: Biology I Honors, Chemistry I and teacher recommendation OR PBGR: 1.0 Math Related

This is an advanced course for those students who have successfully completed one year of biology and are considering a career in the biological/environmental/medical sciences. Students will design and conduct laboratory activities to investigate the biochemistry of cell respiration, photosynthesis, digestion, and muscle physiology. Topics in microbiology, inheritance and bioenergetics of ecosystems will also be studied. Special independent projects will be required of students taking this course for Honors credit.

434 BIOLOGY II Term: FY Grade: 11-12 PBGR: 1.0 Science
Prerequisite: Biology I, Chemistry I (may be taken concurrently) or teacher recommendation OR PBGR: 1.0 Math Related

This is an advanced course for those students who have successfully completed one year of biology at the CP or Honors level and are considering a career in the biological/environmental/medical sciences. Students will design and conduct laboratory activities to investigate the biochemistry of cell respiration, photosynthesis, digestion, and muscle physiology. Topics in microbiology, inheritance and bioenergetics of ecosystems will also be studied.

435 PHYSICS I AP Term: FY Grade: 11-12 PBGR: 1.0 Science
Prerequisite: Chemistry I Honors, Pre-Calculus or teacher recommendation OR PBGR: 1.0 Math Related

This Advanced Placement physics course is specifically designed for those students who are considering college majors in science, engineering, mathematics and computer programming. A calculus-based, lab-centered approach will be used in the study of motion, force, energy, momentum, oscillations, waves, gravitation, electricity and magnetism. Use of calculus will increase as the course progresses. Problem solving, experimental design and interpretation of laboratory data will be emphasized. Students have the option of taking the AP physics examination and may also elect the Early Enrollment option, earning college credit from Rhode Island College.

436 PHYSICS I H/EE Term: FY Grade: 11-12 PBGR: 1.0 Science
Prerequisite: Chemistry I, Algebra II or teacher recommendation OR PBGR: 1.0 Math Related

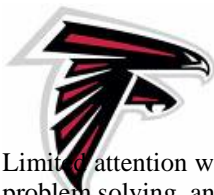
In this honors course, the student will concentrate on topics of "classical physics", which include kinematics, dynamics, statics, work, energy, power and simple machines. Also covered will be the topics of "modern physics", including relativity and nuclear physics. [Emphasis is placed on problem solving techniques, experimentation, the interpretation of experimental data, and the writing of laboratory reports.] This course is designed to meet the needs of students planning to major in the fields of medicine, science, or engineering. It may be possible for a student to have the option of earning college credit in physics through the early enrollment program of Rhode Island College.

437 PHYSICS I Term: FY Grade: 11-12 PBGR: 1.0 Science
Prerequisite: Chemistry I, Algebra II (may be taken concurrently) OR PBGR: 1.0 Math Related

This physics course is the same as the honors course with respect to the topics covered. Topics emphasize practical applications of the principles of physics. The concepts studied are reinforced with demonstrations and laboratory experiments. This course is designed to meet the needs of students contemplating college majors in liberal arts, education, business, nursing, physical therapy, and laboratory technology.

438 PHYSICS II AP Term: FY Grade: 12 PBGR: 1.0 Science
Prerequisite: Physics I, Pre-Calculus (may be taken concurrently) OR PBGR: 1.0 Math Related

In this honors course, the student will study topics of "classical physics", which include thermal energy, electricity and



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Limited attention will be given to aquaculture facilities design and management practices. Students will gain experience in problem solving, and application of the scientific method to experimental design and independent research projects.

458 AQUACULTURE I Term: FY Grade: 11-12 PBGR: 1.0

Prerequisite: Biology or teacher recommendation

The study of aquaculture will be used to teach basic science concepts from biology, physical science, chemistry, and land and water use planning. There will be a strong emphasis on concepts related to the metabolism, growth, and reproduction of

cultured plants and aquatic organisms. Issues related to the use, treatment, and disposal of water will also be considered. Limited attention will be given to aquaculture facilities design and management practices. Students will gain experience in problem solving, and application of the scientific method to experimental design and independent research projects.

466M ASTRONOMY Term: FY Grade 9-11 PBGR: 0.5 Science

Prerequisite: none

This course will focus on the earth's role in our solar system and the skills needed to make astronomical observations. Students will also study the strange phenomena existing outside our solar system.

BUSINESS DEPARTMENT

500M THE DYNAMICS OF BUSINESS Term: FY Grade: 9-12 PBGR: 0.5 Elective

Prerequisite: None

This course introduces the exciting and challenging world of business. Some of the topics included are marketing, the economy, technology, accounting principles, management and leadership skills required to become successful in the business world. Students will engage in an entrepreneurial unit to enhance an understanding of owning their own business. Furthermore, students will partake in a stock market trade competition and a group project in one of the business components of their choice

Our goal is to prepare students to become knowledgeable and ethical decision makers as they fulfill their roles as consumers, workers, and citizens. The mission of the class is to ensure that students are afforded equal access to fundamental business knowledge and skills and therefore, an equal opportunity for success in life.

Throughout the course, students will have the opportunity to develop and demonstrate proficiency in critical thinking, problem solving, and communication skills that will lead to an opportunity to create an artifact to include in their digital portfolio demonstrating these skills.

511 COLLEGE ACCOUNTING I Term: FY Grade: 10-12 PBGR: 1.0 Math Related

Prerequisite: None

Students will complete and explain the purpose of the various steps in the accounting cycle. They will be able to apply generally accepted accounting principles to determine the value of assets, liabilities and owner's equity. Students will also be able to prepare, interpret, and analyze financial statements using manual and computerized systems for service and merchandising businesses. Students will apply appropriate accounting principles to payroll, income taxation, managerial systems, and various forms of business ownership. Students will be required to complete an accounting simulation that incorporates all basic accounting theory. During the last quarter, students will apply their accounting skill in the use of Excel and QuickBooks.

Students who prove successful in Accounting I will have achieved a marketable skill in basic accounting to pursue employment in an entry level accounting position and/or pursue post-secondary education in accounting and/or a related area in business.

The curriculum and instruction of this accounting course correlates with the SCANS competencies that reflect the CHSE & CHSW Mission Statements and the Expectations for student learning in basic reading, math, listening and speaking and thinking skills. The curriculum also displays personal qualities of responsibility, integrity, and honesty. Accounting I will count as a 4th applied math credit for students.

516 BUSINESS MATHEMATICS Term: FY Grade: 10-12 PBGR: 1.0 Math Related

Prerequisite: None

This course will provide students with the basic experiences and skills in applying mathematics to business situations. Emphasis will be on payroll, borrowing and investing, consumer purchases, and business management. Students will receive practical training in personal financial management and use of banking services.

The curriculum and instruction of this Mathematics course correlates with the SCANS competencies that reflect the CHSW Mission Statements and the Expectations for student learning in basic reading, math, listening and speaking skills, thinking skills and displays personal qualities of responsibility, integrity and honesty. Business Mathematics will count as a 4th applied math credit for students.

517 PERSONAL FINANCE/QUICKEN Term: FY Grade: 9-12 PBGR: 1.0 Math Related

Prerequisite: None



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This course is designed to ensure students have the personal financial management skills they will need to succeed in their personal financial lives. This course explores career decisions, money and credit management, financial security, technology, decision-making opportunities, roadblocks, and consequences in personal finance planning.

Students will complete a hands-on simulation to plan their personal finances using Quicken software. Quicken software includes budgeting, savings accounts, checking accounts, credit card accounts, automobile loans, and mortgages. Students will have the opportunity to participate in an investment simulation program/stock market game.

The curriculum and instruction of this Personal Finance course correlates with the SCANS competencies that reflect the CHSE and CHSW Mission Statements and the Expectations for student learning in basic reading, math, listening and speaking skills, thinking skills and displays personal qualities of responsibility, integrity and honesty. Personal Finance will count as a 4th applied math credit for students.

521M COMPUTER LITERACY

Term: FY

Grade: 9-12

PBGR: 0.5 Technology

Prerequisite: None

This course is designed to bring students to a level of computer proficiency under state and local curriculum guidelines. Students will be introduced to the Windows operating environment and MS Office, including Word, Excel, Access, and PowerPoint. Upon successful completion of this course, students will have a foundation of skill in document processing, spreadsheets and charts, database management, and multimedia presentations.

524 COMPUTER LITERACY/SUPERWRITE

Term: FY

Grade: 9-12

PBGR: 1.0 Technology

Prerequisite: None

This course is a full year course made up of (1) Business Keyboarding, (2) Computer Literacy, and (3) Speedwriting.

Business Keyboarding is learning how to enter data by the Touch System progressing to acceptable speed and accuracy levels. Students will learn to properly format reports, letters, and memos.

Computer literacy is designed to bring students to a level of computer proficiency under state and local curriculum guidelines. Students will be introduced to the Windows operating environment and MS Office, including Word, Excel, Access, and PowerPoint. An introduction to the Internet and e-mail will also be covered. Upon successful completion of this course, students will have a foundation of skill in document processing, spreadsheets and charts, database management, and multimedia presentations.

Speedwriting is an abbreviated writing system based primarily on longhand and secondarily on phonetics. Speedwriting is designed to give the student a way to write quickly with a minimum of learning time and help students improve their spelling, vocabulary, and sentence construction.

526M SPORTS MARKETING I

Term: FY

Grade: 10-12

PBGR: 0.5 Elective

Prerequisite: None

Sports Marketing is a specialized course which provides students with knowledge of the operation of the sports industry. This course is designed to equip students with entry-level competencies in the areas of sponsorship, promotion, advertising, legal contracts, agents, event marketing, and communications. Students will also obtain a thorough understanding of the career options available in this field. Throughout the course, students will have the opportunity to develop and demonstrate proficiency in critical thinking, problem solving, and communication skills while completing one of the many detailed unit projects.

As students become proficient in the entry-level competencies of sports marketing will enable them to create an artifact to include in their digital portfolio demonstrating these skills.

529S BUSINESS MANAGEMENT HONORS

Term: S

Grade: 10-12

PBGR: 0.5 Math Related

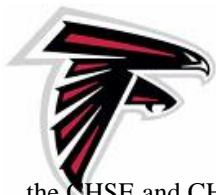
Prerequisite: Teacher recommendation

Students will be involved in a course that emphasizes many business principles. Students will survey areas of business such as entrepreneurship, careers in management, ethics and social responsibility, business law, economics, international business, planning and strategic management, and organizational structure. Classroom presentations will consist of oral reports, written reports, and PowerPoint presentations.

Students will use a hands-on simulation of running a business. Virtual Business Management simulates a wholesale distribution business that gives students experiences in hiring their own staff, pricing and purchasing, supplier payments, customer credit, and obtaining loans from the bank. Students will also have an opportunity to compete in the Virtual Business Challenge, a national competition sponsored by the Future Business Leaders of America.

Honors students will be encouraged to think critically for each of the areas covered in the Business Management course. In addition, these students will research current business issues and report their findings to the class. Finally, Honors students will conduct an in-depth analysis of a publicly-held corporation and include in their report company history, industry information, mission statement, organizational structure, social responsibility, international business, and financial/stock information.

The curriculum and instruction of this Business Management course correlates with the SCANS competencies that reflect



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the CHSE and CHSW Mission Statements and the Expectations for student learning in basic reading, math, listening and speaking skills, thinking skills and displays personal qualities of responsibility, integrity and honesty.

530S BUSINESS MANAGEMENT

Term: S

Grade: 10-12

PBGR: 0.5 Math Related

Prerequisite: None

Students will be involved in a course that emphasizes many business principles. Students will survey areas of business such as entrepreneurship, careers in management, ethics and social responsibility, business law, economics, international business, planning and strategic management, and organizational structure.

The curriculum and instruction of this Business Management course correlates with the SCANS competencies that reflect the CHSE and CHSW Mission Statements and the Expectations for student learning in basic reading, math, listening and speaking skills, thinking skills and displays personal qualities of responsibility, integrity and honesty. Business Management will count as a 4th applied math credit for students.

532S BUSINESS LAW HONORS

Term: S

Grade: 10-12

PBGR: 0.5 Elective

Prerequisite: Business Management Honors

Students will be involved in a rather intense course that emphasizes many business law principles. Students will survey areas of business law such as contract law, law of sales, consumer law, sole proprietorships, partnerships, corporate law, limited liability companies, personal property, real property, commercial paper, insurance, secured transactions, and bankruptcy. Classroom presentations will consist of oral reports, written reports, and PowerPoint presentations.

The Business Law course will be taught through case study analysis. Students will be encouraged to apply the knowledge gained in each chapter to solve real business law cases. Tests will involve solving business law cases by first stating the facts, judging the merits of the case, and then applying the rule of law from each chapter.

Honors students will be encouraged to think critically for each of the areas covered in the Business Law course. In addition, these students will research current business law issues and report their findings to the class. Finally, Honors students will conduct an in-depth analysis of an actual business law case. The students will become the "Judge" and report on the facts of the case, decide on the legal merits of the case, and apply what they have learned in the classroom to decide on the rule of law.

The curriculum and instruction of this Business Law course correlates with the SCANS competencies that reflect the CHSE and CHSW Mission Statements and the Expectations for student learning in basic reading, math, listening and speaking skills, thinking skills and displays personal qualities of responsibility, integrity and honesty.

533S BUSINESS LAW

Term: S

Grade: 10-12

PBGR: 0.5 Elective

Prerequisite: Business management

Students will be involved in a rather intense course that emphasizes many business law principles. Students will survey areas of business law such as contract law, law of sales, consumer law, sole proprietorships, partnerships, corporate law, limited liability companies, personal property, real property, commercial paper, insurance, secured transactions, and bankruptcy. Classroom presentations will consist of oral reports, written reports, and PowerPoint presentations.

The Business Law course will be taught through case study analysis. Students will be encouraged to apply the knowledge gained in each chapter to solve real business law cases. Tests will involve solving business law cases by first stating the facts, judging the merits of the case, and then applying the rule of law from each chapter.

The curriculum and instruction of this Business Law course correlates with the SCANS competencies that reflect the CHSE and CHSW Mission Statements and the Expectations for student learning in basic reading, math, listening and speaking skills, thinking skills and displays personal qualities of responsibility, integrity and honesty.

535M CAREER PREPARATION

Term: FY

Grade: 11-12

PBGR: 0.5 Elective

Prerequisite: None

Students will gain the necessary skills needed to be successful in the twenty-first century workplace. Students will develop strategies to make an effective transition from school to career. Students will also learn the process of preparing professional electronic resumes and cover letters. They will develop an interviewing portfolio that demonstrates job readiness enabling them to be successful and competitive in today's changing workplace.

Students will be able to use the Internet to increase their knowledge and employment potential. They will also use the Internet to research perspective employers in various career fields. By participating in field trips to area businesses, students will have the opportunity to meet and interact with the business community to learn about employers and job opportunities and the relationship of lifelong learning to career success.

Partnerships formed between the Career Preparation class and area businesses result in guest speakers that inform students of the ever-evolving needs of the workplace. This course will give students practical tools that will help them gain a competitive advantage and achieve full career potential.



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560M CAREER EXPLORATION

Term: FY

Grade: 9-12

PBGR: 0.5 Elective

Prerequisite: None

Students will gain a developmental understanding of their own strengths and weaknesses to enable them to be successful in the ever-evolving requirements of the workplace. As students embark on career exploration, they will learn the relationship of lifelong learning to career success. Students will learn to conduct a career search and identify career pathways. They will explore multiple career paths and the interrelatedness of those career pathways. This exploration will enable individuals to meet the needs of employers who are assembling technically skilled, flexible, and cross-trained workforces.

This course will offer continuous instruction in current and emerging information technology. In this framework, this course will prepare an individual who wants to enjoy a quality standard of living by making them aware that they must be prepared to make wise career transitions and to continuously learn new skills.

TECHNOLOGY EDUCATION DEPARTMENT

601M COMPUTER AIDED DRAFTING

Term: FY

Grade: 9-12

PBGR: 0.5 Technology

Prerequisite: None

The Computer Aided Drafting course will give students an introduction to Computer Aided Drawing. Particular attention is given to Project Design and Development. Using a variety of software, students will be introduced to computer software used in technical fields to create drawing and working plans. The focus of the course is to give students an opportunity to become familiar with the careers available to those who elect to take advanced drawing classes.

616M WEBSITE DESIGN & MANAGEMENT

Term: FY

Grade: 9 -12

PBGR: 1.0 Technology

Prerequisite: None

This course is designed to give students instruction in all phases of website design, website development and website maintenance. Students will become proficient in the use of popular web-design software tools.

618M INTRO TO ONLINE COMMUNICATIONS

Term: FY

Grade: 9-12

PBGR: 0.5 Technology

Prerequisite: None

This course challenges the first year student. It is designed to give the first year student a comprehensive understanding of the world of telecommunications by using the Personal Computer on a local area network to connect to the Internet. The student will interact with other PC users and use the computer as a tool for gathering research in an educational environment. Students will communicate with other users by E-mail (electronic mail) and in addition, will become familiar with reading, understanding and navigating their way through the Internet. On a local level, students will be able to interact with other users in the Cranston School system and in turn, establish a better link between high school and the various feeder schools. Perhaps one of the biggest advantages of this program is the ability to access the Internet and take advantage of the multicultural diversity this program offers. The Internet offers the user the opportunity to access information on hundreds of topics involving many disciplines and subject areas.

This unique and diverse program offers a wealth of information to many subject areas including Social Studies, English, Science, Foreign Languages, Technology and Mathematics.

621M DESKTOP PUBLISHING I

Term: FY

Grade: 9-12

PBGR: 0.5 Elective

Prerequisite: None

This course was designed for students who will be involved in the Journalism class or be a member of the school newspaper. Students will be able to publish their work using computer aided Desktop Publishing. At the same time, students are encouraged to increase their creative skills through the use of a capable word processor and several excellent drawing programs. After students learn how to use the above programs and gain some knowledge in producing minor publications, they are required to produce a seven to ten page newsletter.

626M BASIC CAD FOR ENGINEERING A

Term: FY

Grade: 9-12

PBGR: 0.5 Technology

Prerequisite: None

This course will teach the practical application of a variety of engineering concepts which will include: problem solving, manufacturing processes, engineering codes and standards, geometric dimensions and tolerances, as well as an understanding of how to specify materials for your design. Solid Works will be the software program incorporated in the design process. With the literal explosion in innovation seen as technology, an understanding of the process of moving from idea to produce is essential. Solid Works incorporates technical drafting and introduces the student to elements of communication not touched upon in other parallel courses. This course will introduce and develop the concepts of planning your work to expedite your plan. Within each segment, the student will be guided through instruction, demonstration, hands-on activities, and problem solving techniques. Technology will be experienced not just seen.

630 BASIC WOODWORKING

Term: FY

Grade: 9-12

PBGR: 1.0 Elective



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630M BASIC WOODWORKING

Term: FY

Grade: 9-12

PBGR: 0.5 Elective

Prerequisite: None

The major thrust of basic woodworking is placed on the development of the basic psychomotor skills, knowledge, attitudes, and good work habits, which are essential for success in today's complex industrial society. Students will be introduced to the proper use of all types of hand and power tools as well as to woodworking machinery. They will be required to select, draw, fabricate, assemble, and complete a project of their choice. The skills, knowledge, and attitudes they gain from the course will be of value in preparing them to make sound educational decisions that will ultimately be of benefit in the career development process. Safety and technique are of paramount importance because of the potential for injury. No student will be permitted access to any machinery until the instructor is certain that the student is totally familiar with it.

631 ADVANCED WOODWORKING

Term: FY

Grade: 10-12

PBGR: 1.0 Elective

Prerequisite: Basic Woodworking

This course provides a continuation of basic woodworking with emphasis on developing additional skills in the use of woodworking machinery, including the radial arm saw, router, and motorized miter box. Students will be required to complete a major project of their own choice. They will also continue to develop cabinet-making skills while gaining additional knowledge to explore woodworking career areas.

634 INTRODUCTION TO MANUFACTURING

Term: FY

Grade: 9-12

PBGR: 1.0 Elective

Prerequisite: None

This is an exciting class for students who want to learn more about the Manufacturing industry. The vast array of systems and technologies available in today's manufacturing enterprise are surveyed. The students gain an appreciation of range and depth of application possibilities. This course is designed to prepare young adults to go into the world of work, to improve their understanding of manufacturing systems, time management, communication skills, and problem solving.

638 / 638M MECHATRONICS I

Term: FY

Grade: 9-12

PBGR: 0.5 Technology

Prerequisite: None

This introductory course uses a problem solving approach to teach the principles of robotics. Using kits to design robotic systems to address specific challenges. The students will engineer devices or vehicles and write computer programs to control the devices to meet the challenges. Writing lab reports, keeping journals and applied math and principals of general physics are essential parts of this course.

FAMILY AND CONSUMER SCIENCES DEPARTMENT

651 CHILDHOOD EDUCATION I

Term: FY

Grade: 9-12

PBGR: 1.0 Elective

Prerequisite: None

This course will include child development and parenting responsibilities from conception through the childhood stages. Physical, emotional, intellectual, and social characteristics of children at different ages levels will be studied. Human development is based on generally defined stages of growth that are observable in all children and can be encouraged by love, care, and proper role models.

662 INTERIOR DESIGN/ REAL ESTATE

Term: FY

Grade: 9-12

PBGR: 1.0 Elective

Prerequisite: None

This course is designed to discuss the multiple factors in providing housing for the individual or the family. The students learn how to identify architectural styles of homes, read floor plans, and understand the criteria for judging a well organized floor plan. The student also studies the principles and elements of art to create attractive rooms. The guidelines for good furniture arrangement are discussed. The student will develop a floor plan and color scheme to practice the techniques and knowledge learned to reflect his/her own personality.

665 FOODS AND NUTRITION I

Term: FY

Grade: 9-12

PBGR: 1.0 Elective

Prerequisite: None

This course is designed to assist the students in planning and preparing nutritious meals which will meet the new Basic Five Food Group requirements and be served attractively. Basic terms and skills will be learned and practiced to accomplish this goal. Special attention will be given to safety practices, comparison-shopping, and label information.

666 FOODS AND NUTRITION II

Term: FY

Grade: 10-12

PBGR: 1.0 Elective

Prerequisite: Foods and Nutrition I

This course will allow the students to expand his/her knowledge acquired during FOODS and NUTRITION I. More advanced terminology and skills are demonstrated and practiced. Emphasis is placed on the creativity and resourcefulness (time, money, equipment, and skill) of the food planner and preparer to meet the family needs. An entertainment unit and a foreign foods unit are included.



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667 FOODS AND NUTRITION III **Term: FY** **Grade: 11-12** **PBGR: 1.0 Elective**
Prerequisite: Foods and Nutrition II

This course is designed for students who wish to further their knowledge and skills in the area of FOODS and NUTRITION. Emphasis is given to restaurant management and career opportunities.

670 FASHION MERCHANDISING I **Term: FY** **Grade: 9-12** **PBGR: 1.0 Elective**
Prerequisite: None

This course will allow students to explore the field of fashion, clothing construction, and merchandizing. The course is designed to introduce students to the basic elements of garment construction based on line, color, and style. This is a hands-on course and students will master the use of the sewing machine and basic hand sewing. Four projects of choice will be required. Wardrobe planning, garment construction, fashion design, marketing, management and careers in retailing will be explored.

677M PROJECT LIFE **Term: FY** **Grade: 11-12** **PBGR: 0.5 Elective**

On your own? Going off to college? Do you need help managing a budget; buying/maintaining a car; finding a living situation or roommate; preparing for health and nutrition and eating well; caring for your personal health/medical needs; saving, spending and insuring yourself; understanding consumer behavior and protection; preparing and balancing a career, education and work? Becoming independent and doing what you want when you want are every student's dreams. If you are interested in reality, Project Life will be for you. It is designed to give students the survival skills needed to be successful when living on their own.

FINE ARTS DEPARTMENT

700 FOUNDATIONS IN ART HONORS **Term: FY** **Grade: 9-12** **PBGR: 1.0 Fine Arts**
Prerequisite: Teacher recommendation

This is an entry-level course for students wishing to pursue further studies in the Visual Arts. This course is designed to provide an overview of the Visual Arts while allowing students to develop an experience with a broad variety of art media, materials and tools. With an emphasis on studio production, the students will explore and develop skills in drawing, painting, graphic design, printmaking, architectural/environmental design and sculpture. This course, emphasizing art production, is designed to develop higher-level thinking, art-related technology skills, art appreciation, art criticism, and aesthetics. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion, students will have proficient knowledge and skills to create, appreciate, assess, and relate art to their everyday lives. This course of study is proving valuable to all students applying to major colleges as part of a well-rounded education. The Foundations in Art course is a prerequisite for Advanced Art 1, Advanced Art 2, and Studio Art.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will work towards contributing proficient artifacts and reflections to the CPS digital graduation portfolio.

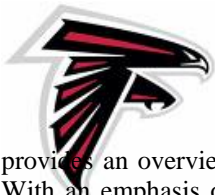
701 FOUNDATIONS IN ART **Term: FY** **Grade: 9-12** **PBGR: 1.0 Fine Arts**
Prerequisite: Teacher recommendation

This course is intended for academically and creatively motivated students who are seriously interested in pursuing further studies in the visual arts. This is an entry-level course for the High School Visual Arts curriculum and is designed to provide an overview of the Visual Arts while allowing students to apply a broad variety of art media, materials and techniques. With an emphasis on studio production, the students will explore in depth, drawing, painting, graphic design, printmaking, architectural/environmental design and sculpture. This course is designed to develop higher-level thinking, art-related technology skills, art appreciation, art criticism, and aesthetics. Additionally, there is a greater emphasis on research, art history, and independent study. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course, students will have proficient knowledge and skills to create, appreciate, assess, and relate art to their everyday lives. This course of study is proving valuable to all students applying to major colleges as part of a well-rounded education. The Foundation in Art Honors course is a prerequisite for Advanced Art 1, Advanced Art 2, and Studio Art.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will work towards contributing proficient artifacts and reflections to the CPS digital graduation portfolio.

702 ART & DESIGN APPLICATION **Term: FY** **Grade: 9-12** **PBGR: 1.0 Fine Arts**
Prerequisite: Teacher recommendation

Art and Design Application is a basic art course, providing students with a general experience in design arts. This course



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provides an overview and introduction to two and three-dimensional design, fine crafts, a variety of media and cultures. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skills, art appreciation, art criticism, and aesthetics. Upon successful completion of this course, students will gain proficient knowledge and skills to create, appreciate, and assess multicultural and applied arts. The use of a sketchbook to demonstrate a process portfolio is required for this course.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will work towards contributing proficient artifacts and reflections to the CPS digital graduation portfolio.

703 BASIC ART & DESIGN
703M BASIC ART & DESIGN

Term: FY
Term: FY

Grade: 9-12
Grade: 9-12

PBGR: 1.0 Fine Arts
PBGR: 0.5 Fine Arts

Prerequisite: None

Basic Art and Design is an exploratory art course, which provides students with an exposure to the design arts. This course explores a variety of media in two and three-dimensional design, fine crafts, their media and the cultures they represent. With an emphasis on studio production, this course is designed to promote higher-level thinking, art related technology skills, art appreciation, art criticism, and aesthetics. Upon successful completion of this course, students will gain general knowledge and skills to create, appreciate, and assess multicultural and applied arts. The use of a sketchbook is required for this course.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will work towards contributing a proficient artifact and reflection to the CPS digital graduation portfolio.

711 SCULPTURE & CERAMICS - HONORS

Term: FY

Grade: 10-12

PBGR: 1.0 Fine Arts

Prerequisite: Art and Design Application or Foundations in Art, and teacher recommendation

This course provides students with an introduction to the basic concepts, skills, and vocabularies used to create three-dimensional works of art. Students will be introduced to a variety of techniques in both clay and mixed media including cardboard or paper, paper mache`, wire or metal, as well as found objects. This course provides instruction and experience in design and drawing as a three-dimensional plan, additive and subtractive sculpture, ceramics, environmental design, as well as fine crafts, their media, and the cultures they represent. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course students will have proficient knowledge and skills to create, appreciate and assess three-dimensional art.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will contribute proficient artifacts and reflections to the CPS digital graduation portfolio.

712 SCULPTURE & CERAMICS

Term: FY

Grade: 10-12

PBGR: 1.0 Fine Arts

Prerequisite: Art and Design Application or Foundations in Art

This course is a basic three-dimensional art course, providing students with basic concepts, skills, and vocabularies used to create three-dimensional works of art. Students will be introduced to a variety of techniques in both clay and mixed media including cardboard or paper, paper mache`, wire or metal, as well as found objects. The various vocabularies, tools and concepts associated with the various media will also be examined. Students will learn about the relationships among three-dimensional art forms and between their own art production and that of others. They will learn about the historical and cultural contexts of art and it's relationships to contemporary life. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course, the student will gain a general knowledge of creating, appreciating, assessing, and valuing three-dimensional art.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will contribute proficient artifacts and reflections to the CPS digital graduation portfolio.

713M BASIC SCULPTURE & CERAMICS

Term: FY

Grade: 10-12

PBGR: 0.5 Fine Arts

Prerequisite: Basic Art and Design or Art and Design

This course provides students with an exploratory experience in three-dimensional design. Students will be introduced to a variety of techniques in both clay and mixed media. Vocabularies, tools and concepts associated with the various media will also be examined. Upon successful completion of this course, students will gain a general knowledge of creating, appreciating, assessing, and valuing three-dimensional art. The use of a sketchbook is required for this course.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will work towards contributing a proficient artifact and reflection to the CPS digital graduation portfolio.



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716 ADV. SCULPTURE & CERAMICS HONORS Term: FY Grade: 11-12 PBGR: 1.0 Fine Arts
Prerequisite: Sculpture & Ceramics and teacher recommendation

Advanced Sculpture and Ceramics is a course offered to those students who, upon recommendation from his/her teacher from the previous introductory course in Ceramics and Sculpture, wish to pursue further study of the subject. Students will work with a variety of 3-D art media to create increasingly sophisticated works of art. They will understand the relationships among three-dimensional art forms and between their own art production and that of others. They will be able to relate understanding about the historical and cultural contexts of art to situations in contemporary life. Students will demonstrate proficient to advanced proficiency in creating, appreciating, assessing, and relating three-dimensional art to everyday life. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course, the student should demonstrate proficient to advanced proficiency in solving three-dimensional problems with creative insight, reason, and technical skill.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will contribute proficient to advanced artifacts and reflections to the CPS digital graduation portfolio.

717 ADVANCED SCULPTURE AND CERAMICS Term: FY Grade: 11-12 PBGR: 1.0 Fine Arts
Prerequisite: Sculpture & Ceramics

This course is intended for academically and creatively motivated students who are seriously interested in pursuing further studies in three-dimensional design and have received a recommendation from his/her teacher from the previous introductory course in Ceramics and Sculpture. Students will demonstrate proficient to advanced proficiency in creating, appreciating, assessing, and relating three-dimensional art to everyday life. Students will work independently and confidently with a variety of 3-D art media to create increasingly sophisticated works of art, while establishing a personal voice. Students will understand, synthesize, and use with confidence sensory, formal, expressive and technical properties. They will analyze the relationships among three-dimensional art forms and between their own art production and that of others. They will be able to relate understanding about the historical and cultural contexts of art to situations in contemporary life. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion of this course, the student should demonstrate proficient to advanced proficiency in solving three-dimensional problems with creative insight, reason, and technical skill.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will contribute proficient to advanced artifacts and reflections to the CPS digital graduation portfolio.

726 ADVANCED ART I HONORS Term: FY Grade: 10-12 PBGR: 1.0 Fine Arts
Prerequisite: Foundations in Art Honors or teacher recommendation

The Advanced Art I Honors level is intended for the academically and creatively motivated student and is designed to provide further development in the visual arts and continued opportunities to experience a broad variety of art media, materials, tools and techniques. Students will understand, synthesize and use with confidence the elements and principles of design to create increasingly sophisticated works of art. Students will build upon and refine their prior knowledge to further explore compositional arrangements, color theory, drawing, painting, design and sculptural skills and incorporate art related technology. They will develop a sophisticated and mature level of problem solving, critical thinking and decision-making skills. Students will continue to gain an appreciation for art and artists from other cultures both past and present. This course, emphasizing art production will continue to engage students in art appreciation, art criticism, and aesthetics. In addition to studio work, galleries, museums, and/or artists' studios will be utilized as an extension of the classroom. The

use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion, students will have proficient knowledge and skills to create, appreciate, assess, and relate art to their everyday lives. This continued art study is proving valuable to all students applying to colleges as part of a well-rounded education.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will contribute proficient to advanced artifacts and reflections to the CPS digital graduation portfolio. Advanced Art I is a prerequisite for Advanced Art 2, and Studio Art.

728 ADVANCED ART 1 Term: FY Grade: 10-12 PBGR: 1.0 Fine Arts
Prerequisite: Foundations in Art

This sequential course is designed to provide further development in the visual arts and continues to provide opportunities to experience a broad variety of art media, materials, tools, and techniques. The elements of art and principles of design are reviewed and the concepts of color theory and the skills of, drawing, painting, graphics, printmaking, and three-dimensional design are developed in depth. Students will also have the opportunity to explore additional art medias



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and incorporate art-related technology. Students will develop a sophisticated and mature level of problem solving, critical thinking, and decision-making skills while exploring their own ideas and beginning to establishing a personal voice. They will learn to recognize the connections of the visual arts to other disciplines while drawing upon and incorporating that knowledge to create works of art. They will continue to gain an appreciation for art and artists from other cultures both past and present and relate the historical and cultural contexts of art to contemporary life. The use of a sketchbook to demonstrate a process portfolio is required. Upon successful completion, the student should be able to solve creative problems with insight, reason, and technical proficiency and have proficient knowledge and skills to create, appreciate, assess, and relate art to their everyday lives. Advanced Art I course is a prerequisite for Advanced Art 2, and Studio Art.

Proficiency in this course will assist students to fulfill some requirements for graduation in the Fine Arts Standard as required by the Rhode Island Board of Regents. Students will work towards contributing proficient artifacts and reflections to the CPS digital graduation portfolio.

740M HUMANITIES: MUSIC AND ART

Term: FY

Grade: 9-12

PBGR: 0.5 Fine Arts

Prerequisite: None

HUMANITIES (MUSIC AND ART) is both an introduction to the Fine Arts/Music and a historic perspective of selected periods and artists. This course is presented through a sampling of visual art, architecture, artifacts, sculpture, and key pieces from various centuries and movements. The interrelationships among the visual arts and musical forms will also be presented and studied within the context of eras, cultures and societies. In addition to direct observation, discussion and writing, guest artists visits and performance participation; creative art experiences could also be included as an aid to visual understanding. This course is for students interested in combining art and music to learn about cultures and their interrelationships to societies and adheres to the National and Rhode Island Art/Music Standards. Students who opt to take Humanities for Honors Credit must complete additional requirements and projects as designated by the instructor. Enrollment in this class will assist students wishing to use music to demonstrate proficiency in the fine arts as required by the Rhode Island Board of Regents.

741M HISTORY OF AMERICAN MUSIC

Term: FY

Grade: 9-12

PBGR: 0.5 Fine Arts

Prerequisite: None

This course will trace the roots of American music as they emerged from a blending of European and African forms. Extensive listening and visual materials are used to enhance the presentation of these American musical styles. Enrollment in this class will assist students wishing to use music to demonstrate proficiency in the fine arts as required by the Rhode Island Board of Regents.

756 BAND

Term: FY

Grade: 9-12

PBGR: 1.0 Fine Arts

Prerequisite: Audition/instructor recommendation

This is a performance class studying the finest band literature in a variety of styles. The ensemble has a dual role, functioning as both a concert band and a marching band. Members are required to complete all aspects of the concert/marching program. These requirements include attendance at all rehearsals outside of the school day, pre-season training in August, all marching rehearsals. Attendance at performances is mandatory. Performances include football games, parades, field show competitions, concerts, and festivals. A student handbook is available, detailing all policies regarding the band program. Enrollment in this class will assist students wishing to use music to demonstrate proficiency in the fine arts as required by the Rhode Island Board of Regents.

762 ORCHESTRA

Term: FY

Grade: 9-12

PBGR: 1.0 Fine Arts

Prerequisite: Audition/instructor recommendation

This is a performance class for string instrumentalist of intermediate to advanced levels which offers instruction through performance of string ensemble music combined with scale study and individual instrument instruction. Performances are a mandatory part of the ensemble experience and include winter and spring concerts. Instruments limited to violin, viola, cello, and bass. Enrollment in this class will assist students wishing to use music to demonstrate proficiency in the fine arts as required by the Rhode Island Board of Regents.

772 CHOIR

Term: FY

Grade: 9-12

PBGR: 1.0 Fine Arts

Prerequisite: Audition/instructor recommendation

This course is an in-depth approach to singing, choral literature, and performance. It is offered to the serious, qualified student vocalist. Developing music reading skills and sound vocal technique will be the main objective through much of the first quarter. Literature and performance skills will be emphasized in the remaining quarters. Participation and commitment are an integral part of this course and much of the grade (50%) is determined by your presence and performance with the group. Some evening rehearsals and all concert performances are mandatory.

Enrollment in this class will assist students wishing to use music to demonstrate proficiency in the fine arts as required by the Rhode Island Board of Regents. CHOIR HONORS requirements include solo preparation for the Rhode Island Music



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Educators Solo/Ensemble Festival. Private instruction is strongly recommended for honors students.

772M CHOIR **Term: FY** **Grade: 9-12** **PBGR: 0.5 Fine Arts**

Prerequisite: Audition/instructor recommendation

This course is designed for those students who display exceptional commitment and ability in choral music. The repertoire is challenging. Rehearsals are held three days a week before school. Acceptance is based upon an audition. Concerts are held throughout the year and attendance at all concerts is required. Enrollment in this class will assist students wishing to use music to demonstrate proficiency in the fine arts as required by the Rhode Island Board of Regents.

775M VOICE CLASS **Term: FY** **Grade: 9-12** **PBGR: 1.0 Fine Arts**

Prerequisite: Audition/instructor recommendation

This course is open to all students who enjoy singing and would like to be part of a chorus. Instruction in vocal techniques, exposure to choral literature, and instruction on learning to read music is provided. Enrollment in this class will assist students wishing to use music to demonstrate proficiency in the fine arts as required by the Rhode Island Board of Regents.

780M MUSIC THEORY I **Term: FY** **Grade: 9-12** **PBGR: 0.5 Fine Arts**

Prerequisite: None

Music Theory I is an introduction to the language and mechanics of basic theory and composition. Subject matter includes use of the staff, notation, scales, key signatures through modulations and transpositions. Enrollment in this class will assist students wishing to use music to demonstrate proficiency in the fine arts as required by the Rhode Island Board of Regents.

INTERACTIVE DIGITAL MEDIA / COMPUTER TECHNOLOGY PROGRAM

804M 3D STRUCTURAL MODELS **Term: FY** **Grade: 9-10** **PBGR: 0.5 Technology**

Prerequisite: None

Students will design and build different structural models based on their knowledge of basic blueprint reading and model making. Projects will progress from concept to 2-dimensional sketches and blueprint design, and culminate in the creation of a 3-dimensional model of a basic structure.

819M DIGITAL MEDIA **Term: FY** **Grade: 9-10** **PBGR: 0.5 Technology**

Prerequisite: None

Students will be introduced to digital media through vocabulary, concepts and media tools using the Adobe suite (Dreamweaver, Flash and Photoshop) and the Macintosh iLife program series (iMovie, iDVD, iPhoto and iWeb). Some topics will include digital presentations, animation and web design.

881M A+ HARDWARE **Term: FY** **Grade: 9-12** **PBGR: 0.5 Elective**

Prerequisite: Sophomore status

A+ Hardware is a one year elective. Students will learn about computer hardware architecture. Students will learn how to maintain, troubleshoot and repair computer hardware problems. The A+ class is a world wide recognized program which is linked to the A+ Hardware exam. Upon passing the A+ exam students will have an advantage finding a job in the computer field. The CACTC A+ class also has College articulation agreements with CCRI, New England Tech and Gibbs College. Students could receive College credits for taking associated classes at these Colleges. Students can participate in the SWATS program which allows students in the program to perform hardware and software repairs and troubleshooting in CHSW and CACTC.

Students learn about computer hardware, software and operating systems. Students will do a great deal of hands-on labs involving computer hardware, networking, and computer troubleshooting. Students will learn to repair and upgrade computer systems. Students will learn to install operating systems and properly set them up. Students will learn troubleshooting techniques needed to properly repair hardware and software problems. The curriculum will be the Thompson A+ hardware and software books with software. Students will take practice A+ hardware and software exams in preparation for taking the A+ exams. Upon completion of this course students can take the A+ hardware and software exams for certification.

882M A+ SOFTWARE **Term: FY** **Grade: 9-12** **PBGR: 0.5 Elective**

Prerequisite: Sophomore status

A+ Software is a one-year elective. Students will learn about computer software and operating systems. Students will learn how to maintain, troubleshoot and repair computer software problems. The A+ class is a world wide recognized program which is linked to the A+ software exam. Upon passing the A+ exam students will have an advantage finding a job



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in the computer field. The CACTC A+ class also has College articulation agreements with CCRI, New England Tech and Gibbs College. Students could receive College credits for taking associated classes at these Colleges. Students can participate in the SWATS program which allows students in the program to perform hardware and software repairs and troubleshooting in CHSW and CACTC.

Students learn about computer software and operating systems. Students will complete a great amount of hands-on labs involving computer hardware, networking, and computer troubleshooting. Students will learn to repair and upgrade computer systems. Students will learn to install operating systems and properly set them up. Students will learn troubleshooting techniques needed to properly repair hardware and software problems. The curriculum will be the Thompson A+ hardware and software books with software. Students will take practice A+ hardware and software exams in preparation for taking the A+ exams. Upon completion of this course students can take the A+ hardware and software exams for certification.