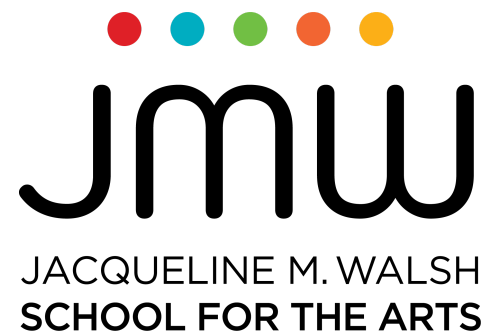


PAWTUCKET PUBLIC SCHOOLS

Compassion ~ Collaboration ~ Courage



High School Program of Studies 2022-2023



PAWTUCKET PUBLIC SCHOOLS

Compassion ~ Collaboration ~ Courage

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Guidance Counselors

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Guidance Counselors

Elizabeth Fasteson, *Chair*
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PAWTUCKET PUBLIC SCHOOLS

Compassion ~ Collaboration ~ Courage

Mission

Pawtucket Schools provide high quality, engaging, and rigorous academic opportunities by fostering culturally competent and equitable learning environments for all students and families within our community.

Vision

Continuously improving educational excellence and global citizenship for ALL, while practicing compassion, supporting collaboration, and developing courage.

Values

Excellence - We pursue the highest standards in academic achievement and organizational performance.

Equity - We foster an environment that serves ALL students and aspires to eliminate OPPORTUNITY gaps.

Student Focus - We singularly focus on meeting our students' needs and supporting them in fulfilling their potential.

Innovation - We encourage creativity and adaptability to new ideas and methods that will support and improve student learning.

Accountability - We accept responsibility for our successes and challenges and seek to transparently share our work in an ethical manner, as we strive towards innovative improvement.

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NON-DISCRIMINATION/UNLAWFUL HARASSMENT AND SEXUAL HARASSMENT POLICY AND PROCEDURES

The Pawtucket School Department is committed to maintaining an educational atmosphere in which each and every individual can pursue scholastic achievement and personal fulfillment. Accordingly, it is the policy of the Pawtucket School Department that no employee or student shall be subjected to discrimination/unlawful harassment, or sexual harassment, or retaliation. The Pawtucket School Department prohibits any form of discrimination or unlawful harassment on the basis of disability, marital status, national origin, race, color, religion (creed), age, sex, sexual orientation, and gender identity or gender expression with respect to both its education programs and employment with the School Department. Furthermore, the Pawtucket School Committee is committed to ensuring those complaints of discrimination/unlawful harassment or sexual harassment are promptly and fairly investigated, and that appropriate discipline is applied to those employees and students who violate this Policy. The Pawtucket School Department is committed to ensuring that all employees and students have equal access to all school sponsored activities.

NOTICE OF POLICY

The Pawtucket School Department shall provide notice of this Policy and its grievance procedures to all applicants for admission and employment, students, parents and legal guardians, and all unions and/or professional organizations holding agreements with the Pawtucket School Department. Additionally, this Policy, together with the Title IX Coordinators contact information, shall be posted on the School Department's website, in any of the handbooks provided to the groups identified in this section, and shall also be prominently posted in each school. A copy of the Pawtucket School Department nondiscrimination/unlawful harassment policy may also be obtained at The Human Resources Office, School Administration Building, 286 Main St. Pawtucket, Rhode Island. At the secondary level, this policy shall be explained to all students on an annual basis. In addition, all employees shall receive annual training with regard to this Policy.

Sexual Harassment Definitions

Complainant: A person who is alleged to be the victim of conduct that could constitute sexual harassment, and is a party to the grievance process.

Discrimination: The act of treating persons differently or interfering with or preventing them from enjoying the advantages or privileges afforded to others because of their membership in a protected class.

Education program or activity: Any location, event, or circumstance over which the School Department exhibits substantial control over both the alleged harasser and the context in which the harassment occurred within the United States.

Formal complaint: A document filed by the complainant or signed by the Title IX Coordinator alleging sexual harassment against a respondent and requesting that the School Department investigate the allegation of sexual harassment.

Harassment: Unwelcome verbal, written or physical conduct directed at a person based on their actual or perceived membership in a protected class that is determined by a reasonable person to be so severe, pervasive, and objectively offensive that it effectively denies a person equal access to the School Department's education program or activity.

Respondent: An individual who has been reported to be the perpetrator of conduct that could constitute sexual harassment, and a result, is a party to the grievance process.

Sexual harassment: Conduct on the basis of sex that satisfies one or more of the following:

- An employee of the School Department conditioning the provision of an aid, benefit, or service of the School Department on an individual's participation in unwelcome sexual conduct, referred to as quid pro quo sexual harassment;

- Unwelcome conduct determined by a reasonable person to be so severe, pervasive, and objectively offensive that it effectively denies a person equal access to the School Department's education program or activity; or
- Sexual assault as defined in 20 U.S.C. § 1092(F)(6)(A)(v), dating violence as defined in 34 U.S.C. § 12291(a)(10), domestic violence as defined in 34 U.S.C. § 12291(a)(8), or stalking as defined in 34 U.S.C. § 12291(a)(30).

Sexual harassment consists of unwelcome sexual advances, requests for sexual favors, sexually motivated physical conduct or other verbal or physical conduct or communication of sexual nature, where acquiescence to such conduct:

- is made either explicitly or implicitly a term or condition of an individual's employment, grades, or participation in a program operated by the Pawtucket School Committee;
- is used as the basis for decisions affecting such individual's employment, grades, or participation in a program operated by the Pawtucket School Committee; or
- has the purpose or effect of unreasonably interfering with an individual's work performance or education, or creating an intimidating, hostile, or abusive working or learning environment.

Sexual harassment may include, but is not limited to:

- Verbal, written, online, or physical harassment or abuse;
- Pressure for sexual activity;
- Commentary about an individual's body, sexual prowess or sexual deficiencies,; and sexual orientation;
- Leering, whistling, pinching or touching;
- Insulting or obscene comments or gestures;
- Display in the workplace of sexually suggestive objects or pictures;
- Physical aggression or force, or threats of the same, involving the touching of another person's intimate parts.

Supportive measures: Non-Disciplinary and non-punitive individualized services, including, but not limited to counseling, course modifications, schedule changes, and increased monitoring or supervision.

TITLE IX COORDINATOR

The Pawtucket School Department has designated the following individual to serve as the Title IX Coordinator authorized to coordinate the School Department's compliance efforts:

Name and/or title:	Lee Rabbitt
Email address:	Rabbittl@psdri.net
Office address:	286 Main St. Pawtucket, RI 02860
Telephone number:	401-729-6300

All inquiries related to the application of Title IX and its regulations to the Pawtucket School Department may be referred to the above-named Title IX Coordinator and/or externally to the Assistant Secretary of the Office of Civil Rights in the United States Department of Education.

INDIVIDUAL LEARNING PLANS (ILP)

Every student, beginning in grade 6, is required to complete an Individual Learning Plan (ILP) that reflects the student's personal, social, and academic goals. The Individual Learning Plan (ILP) is a student-directed planning and monitoring tool that customizes learning opportunities throughout a student's secondary school experience. The ILP supports students directly by: Broadening their perspectives, and supporting attainment of academic and career goals.

The ILP also guides students on the application process for those interested in Career and Technical Education programs. The applications include an interview, as well as a completed application, in order to ensure students have an understanding of the expectations and outcomes required by the Rhode Island Department of Education and the CTE Board of Trustees.

SCHEDULE CHANGES

Students choose courses and programs based on the recommendations and best judgment of teachers, guidance counselors, students, and parents. A schedule is used to arrange programs and students in some systematic order. A schedule can be most complex and a change in one area often causes changes in other areas. A student is given considerable time to choose proper courses. Schools do recognize the need for valid changes. All requests for change will be decided on an individual basis taking into consideration all circumstances involved. Staffing and class size will be considered regarding the proposed change. Requests for a change may be initiated by a student, teacher, parent, guidance counselor, administrator, or a director of special programs. All involved parties will be asked for their input regarding the request for change. Once the request has been processed, the counselor will approve or deny the request for change. If denied, the parent has a right to appeal to the building Principal.

PROCEDURE TO REQUEST A SCHEDULE CHANGE IN HIGH SCHOOLS:

1. Many requests for schedule changes are made on a case to case basis involving only the student and his/her guidance counselor. These changes are a result of scheduling conflicts, necessary sequential classes, consolidation of classes, classes which are eliminated, subjects which must be repeated, or required subjects or programs.
2. Class changes for any other reason than the ones listed above must be requested by the student or parent/guardian. The student or parent/guardian who requests a change will discuss the request with the student's guidance counselor. The student's counselor will confer with the student, teacher, parent/guardian, and any other appropriate parties and then expedite the request.
3. If the request is approved, the counselor will make the change. The student must validate the change by having the affected teachers initial the appropriate school form. The form is then returned to the guidance counselor. All books must also be returned to the appropriate teachers.
4. If the request is denied, the parent/guardian may appeal the denial. The appeal request will be heard at a conference with the student, parent, teacher, guidance counselor and the Building Principal. A further appeal may be heard by the Assistant Superintendent, the Superintendent, and then the School Committee.

GRADUATION REQUIREMENTS

Senior High School Promotion Requirements

A student's grade level status is determined by the number of credits needed each year.

Students must earn:

5 credits to become a sophomore

11 credits to become a junior

17 credits to become a senior

22 credits to graduate

A student must meet all the criteria for becoming a senior in order to participate in senior class activities.

High School Graduation Requirements

The Pawtucket School Department has established the following graduation requirements for all students in accordance with the Rhode Island Department of Education. High school graduation marks certification by the Pawtucket School Department that a student completed the necessary obligations and demonstrated the necessary proficiencies to earn a high school diploma.

In order to earn a diploma from the Pawtucket School Department, students must successfully complete the Proficiency Based Graduation Requirements and course work requirements.

Proficiency-Based Graduation Requirements (PBGR)

Demonstrations of proficiency for high school graduation are intended to:

1. assure that graduates possess the knowledge and skills needed to be successful post-graduation
2. describe the manner in which proficiency is demonstrated. Students have multiple opportunities and support to demonstrate proficiency. Students demonstrate proficiency by collecting evidence from several sources including: performance on state assessments, coursework, comprehensive course assessments, and portfolio submissions that demonstrate proficiencies. Access to instruction designed to get students to proficient levels is central to the achievement of proficiency.

All students in Pawtucket have access to curriculum and instruction designed to help them achieve proficiency in all disciplines. Meeting proficiency, however, is not the same as meeting a graduation obligation or requirement.

Modified Proficiency Standards

Pawtucket School Department believes that all students who successfully complete established and approved graduation requirements outlined in collaboration with school officials should be awarded a high school diploma.

Students who achieve modified proficiency standards applied to coursework requirements and who are eligible for the alternate assessment or who require a Transition Experiential Pathway, including significant interventions and supports under federal law, state rules and regulations, and as noted in the student's Individualized Education Plan (IEP), may, at Pawtucket School Department's discretion, be awarded a diploma.

As such, to achieve a high school diploma, students working toward modified proficiency standards may opt to enroll in an alternate Transition Pathway for graduation with recommendations from school officials and approval from the IEP team. Students who successfully complete this transition pathway program in accordance with their IEP will receive a high school diploma. The successful criteria for completing this program are as follows:

- Successful completion of a minimum of 22 academic credits inclusive of transition courses and pathway programs as documented.
- Successful completion of Portfolio
- Successful completion of transition goals and career/life experiences as documented.

Required Course Work

The following coursework is required to receive a diploma:

COURSE	CREDITS REQUIRED
English Language Arts (ELA 9, ELA 10 and two additional years in grades 11 & 12)	4
Mathematics (3 Mathematics plus 1 mathematics related course)	4
Science	3
Social Studies (One course must be U.S. History)	3
Physical Education/ Health	2
Arts (Music, Theater, Art, etc.)	.5
Technology	.5
Electives (Sufficient to meet graduation requirement)	

**All students will be advised with course selection based on the alignment of their individual learning plan.*

Appeals Procedure for Diploma Denial

Students who believe that they have been improperly denied a diploma may utilize the district's appeal procedure to resolve the issue. Before initiating a formal complaint, an attempt must be made to resolve the issue through a discussion with the student and/or parent/guardian and relevant school personnel (i.e., teacher(s), guidance counselor(s), and assistant principal and/or principal). If a resolution has not been reached with appropriate school personnel, then the student and/or parent/guardian may file a written complaint to the Superintendent of Schools who investigates the complaint and provides a written report of the investigation and the decision.

If the student and/or parent/guardian disagree with the Superintendent's findings, they may appeal the decision to the School Committee who also provides a written report of the investigation and the decision to the student and/or parent/guardian.

The formal complaint process, including appeals to the School Committee, is concluded within 60 calendar days from the Superintendent of School's receipt of the written complaint, unless the parties agree in writing to an extension of time. Any complaint may be appealed to the Commissioner of Education within 15 calendar days of receiving the School Committee's decision.

ACADEMIC EXPECTATIONS FOR STUDENT LEARNING

STUDENTS ARE EXPECTED TO MEET THE FOLLOWING ACADEMIC, SOCIAL, and CIVIC EXPECTATIONS and demonstrate proficiencies in English language arts, mathematics, science, social studies, world language, the arts, and technology:

ACADEMIC EXPECTATIONS

- A 1 Read effectively for a variety of purposes
- A 2 Write effectively for a variety of purposes
- A 3 Listen attentively, speak and converse intelligently, and view critically
- A 4 Present oral reports and/or make presentations using a variety of media
- A 5 Analyze problems, determine a course of action using a variety of skills and strategies
- A 6 Use critical and analytical thinking for a variety of purposes
- A 7 Demonstrate content knowledge through content specific, performance-based, and project-based assessments
- A 8 Access information and apply technology to enhance the learning process

SOCIAL EXPECTATIONS

- S 1 Promote, celebrate and respect diversity
- S 2 Develop skills, competencies and qualities to succeed both personally and professionally

CIVIC EXPECTATIONS

- C 1 Demonstrate personal responsibility for good citizenship

APPLIED LEARNING SKILLS

Applied learning refers to the knowledge and skills that students need in order to use what they learn in school to meet the challenges of life. These include:

- AL 1 Critical thinking: The student detects incompleteness, inconsistency, and opportunities for expansion of ideas, products, procedures, etc. and formulates core questions and assertions about topics or areas of interest.
- AL 2 Problem solving: The student organizes and conducts a process to create intellectual or physical products, holds an event, or otherwise moves towards the solution of an identified issue or problem.
- AL 3 Research: The student uses information tools and technology to learn and deepen his or her understanding about a topic or area of interest.
- AL 4 Communication: The student questions, informs, and learns from others.
- AL 5 Reflection and Evaluation: The student reviews and thinks critically about past activity and plans for the future; and thinks critically about a completed activity or project and uses insights based on the review to change planned activities.

REPORT CARDS

Student report cards shall be published at the end of each quarter. Letter grades shall be used to designate a student's academic progress. Comments relating to conduct, attitude, work ethics and skills shall be printed on the report card for each subject area. Grades shall be cumulative from the beginning of the course to its end.

Mid-quarter dates are identified on the district calendar to give students and parents an opportunity to gauge student progress in our SIS system.

SECONDARY GRADING (MARKING) SYSTEM GUIDELINES

The minimum passing grade for a course is a 65. Each course grade is a composite of various assessments. These assessments may include:

- Quizzes
- Tests
- Writing Assignments
- Tasks
- Comprehensive Course Assessments
- Projects

A minimum of 7 pieces of student work must be considered when determining a student's grade. Student performance in intervention course work is evaluated as Pass/ Fail. The credit earned is considered elective credit.

HOMEWORK POLICY

The Pawtucket School Department believes that homework can help support students' learning in relation to the purposes outlined below.

Purposes of Homework

Any homework given should meet one or more of these purposes.

1. Prepare for the next day's lesson.
2. Complete work not finished in school, if required by the teacher.
3. Complete or make progress on long-term assignments.
4. Make up work due to absence.
5. Provide essential, meaningful practice in needed skill areas.
6. Develop:
 - a sense of proper time management for students
 - the power to work independently
 - study skills and work habits
 - skill in utilizing outside resources
 - an individual sense of responsibility, self-discipline, and independence

Homework is determined on a teacher to teacher basis in order to satisfy the above rationale and various class expectations. Even if regular homework is not assigned, teachers should continually be encouraging practice of essential skills related to content and curriculum (e.g. literacy, scientific inquiry, mathematical skills) outside of school hours. Each teacher should clearly articulate his or her homework policy to students and parents at the beginning of the year and include details about support for homework available in the school and community. Efforts should be made to coordinate with other teachers, when possible, across teams and departments, to ensure that students are not receiving

excessive homework that exceeds the guidelines listed below unless by special circumstance (e.g. Making up work from an absence).

Time Allotment

When assigning homework, teachers should consider the approximate time it will take the student to successfully complete each assignment and observe the following guidelines. At the secondary level, teachers should make an effort to coordinate with other teachers to ensure the maximum time is not exceeded. This maximum time does not include daily reading:

MAXIMUM SUGGESTED TIME GUIDE FOR HOMEWORK PER NIGHT: 2 Hours (9-12)

Teachers' Responsibilities

1. Daily Assigned Homework should not account for more than 10% of a student's grade.
2. Teachers will keep accurate records of homework assignments given and received.
3. Teachers must give a clear, concise explanation of the homework assignments.
4. Homework assignments are not to be a form of punishment under any circumstances.
5. Teachers should make efforts to differentiate and individualize any homework given to best meet the needs of all students.
6. Teachers at the secondary level should make efforts to coordinate homework with other teachers to avoid excessive time spent on assignments.

Student Responsibilities

1. Students must complete homework assignments as a necessary preparation for class.
2. Homework assignments must be completed neatly and on time using a format as determined by each teacher.
3. Homework assignments missed through absenteeism must be turned in on a schedule determined by the teacher.

Parents' Responsibilities

1. Read and support the homework policy as outlined by the classroom teacher.
2. Work with the teacher, school, and community resources, to ensure that your child has the support he or she needs to complete work out of school time.

RANK IN CLASS POLICY

1. The Rank-in-class of each student will be computed at the end of each semester. The final rank-in-class will be determined at the end of the first semester of the senior year.
2. Classes for credit will be used to determine class rank.
3. The final cumulative grade of each completed course will be used to calculate class rank. Course Recovery grades will not count in the computation of class rank.
4. All academic courses are weighted to reflect the difficulty of course content, or to reflect the level of instruction for that class, as per the chart below.
 - Weighted grades are grades that are assigned a numerical advantage when calculating a grade point average, or GPA. For example, a 100% in a class would be worth 4.0 GPA points in a College/Career Readiness Class, 4.4 GPA Points in an Advanced Standing class, and 5.0 GPA points in an Advanced Placement class. Every numerical grade has an associated GPA weight as determined by the Superintendent.

TYPE OF COURSE	DESCRIPTION OF COURSE
ADVANCED PLACEMENT (AP)/ COLLEGE ACCREDITED	These courses proceed at a rigorous pace using a college level curriculum. Heavy emphasis is placed on research, individual projects, independent study, and reports. These courses

	prepare students for college admission to degree granting colleges. Students in these courses may be eligible to receive college credit.
ADVANCED STANDING (AS)	These courses proceed at an accelerated pace through the high school curriculum and work with college level material. Emphasis is placed on research, individual projects, independent study, and reports. These courses prepare students for admission to degree granting colleges.
COLLEGE/ CAREER READINESS CLASSES	These courses offer rigorous curriculum utilizing in-depth materials and challenging concepts. Emphasis is placed on research, reports, and projects. These courses help students develop the knowledge and skills to prepare them for various types of post-secondary education.

5. The student with the highest final index is the number one rank-in-class student. The other students are ranked in the descending order of their indices. When two or more students have the same scholastic index, they are given the same rank-in-class. However, the next number (or numbers) in rank are skipped. For example, if 2 students have the same scholastic index, both are ranked 15 and the next student is ranked 17; if 4 students have the same scholastic index, all 4 are ranked 35, and the next student will be ranked number 39.

6. Valedictorian and Salutatorian responsibilities shall be made by the building principal. Valedictorians and Salutatorians must have been actively enrolled for a full academic year before being designated as such.

HONOR ROLL

Making the Honor Roll for any given quarter is based on semester grades. Incomplete and/or a failing grade of 64% or below will keep a student off the Honor Roll until grades are made up.

Highest Honors: 90% or over (an A is required in every subject)

Honors: 80% is required (A or B in every subject)

NATIONAL HONOR SOCIETY

Membership in local chapters of the National Honor Society is an honor bestowed upon a student. Selection for membership is by a five member faculty council and is based on outstanding scholarship, character, leadership, and service. Once selected, members have the responsibility to continue to demonstrate the qualities of scholarship, leadership, service and character.

- Candidates must be members of the junior or senior class, and must have been in attendance at the school for the equivalent of three quarters.
- Candidates must have a cumulative scholastic average of at least 87% (un-weighted). Candidates shall then be evaluated on the basis of scholarship, service, leadership, and character.
- Candidate eligibility for National Honor Society with respect to character is at the discretion of the faculty council.

- A minimum active participation and organization of two school directed service projects per academic year is required, one of which must be completed prior to induction. In addition, a minimum of 20 hours of community service is required. Ten hours of community service must be completed outside of school and reported from the organization on letterhead and ten hours completed inside of school.
- Annual individual member dues charged are determined by the faculty council.
- Candidates become members when inducted at a special ceremony.

RHODE ISLAND HONOR SOCIETY

Membership in the Rhode Island Honor Society is an honor bestowed upon a student. To be eligible for membership, the candidate must be a member of the senior class.

Candidates must have a cumulative high school scholastic average of at least 85 percent. Academic eligibility will be determined at the end of the first semester of the senior year.

COURSE RECOVERY PROGRAM

The course recovery program allows currently enrolled students who fail courses in any of the secondary schools to obtain proficiency in necessary courses for promotion and/or graduation. Students have the opportunity to receive teacher-led and/or online instruction in some courses they have failed. Teachers monitor these courses and support students. A fee may be assessed for student participation in course recovery.

Students must successfully complete the appropriate assessments to recover the failed course. The following guidelines also apply:

- The student is not to receive a grade higher than 65 for courses taken through course recovery.
- His/her grade of 65 is recorded on the student's transcript in addition to the original grade.

WORK-BASED LEARNING

Work-Based Learning Activities are a component of experiential learning that offer students the opportunity to explore career options and gain real world experience.

A work-based learning activity is a planned, structured learning experience that provides students with real-life or simulated work experiences where they can develop and apply academic, technical, and essential skills; and contributes to the achievement of their postsecondary and employment goal(s).

- The Work-Based Learning Activity must be an extension of the classroom and must be rigorous, relevant, reflective, interactive, and integrated. It must not be simply to advance the operations of the employer.
- There are clearly defined learning objectives/goals related to the professional goals of the student's academic coursework.
- The Work-Based Learning Activity should be designed to develop the following skills: collaboration and teamwork; communication; critical thinking and problem solving; initiative and self-management; professionalism.
- There is supervision by a professional with expertise and educational and/or professional background in the field of the experience.
- There is routine feedback by the experienced supervisor.
- When applicable, there are resources, equipment, and facilities provided by the host employer that support learning objectives and goals.
- All Work-Based Learning Activities must be monitored by the teacher of record
- All Work-Based Learning Activities must be approved by the Pawtucket School Department

Academic credit may be an option for some students. If the Work-Based Learning Activity occurs outside of school hours, compensation may be an option.

The Pawtucket School Department reserves the right to refuse service to those who unlawfully discriminate in the selection of employees on the basis of age, national origin, race, religion, sexual orientation, disability or any other basis prohibited by applicable Federal and State laws.

EARLY ENROLLMENT PROGRAM (EEP)

Early Enrollment Program (EEP) courses are college-level courses designed for high school students who want to receive early college credits through Rhode Island College. Early enrollment program teachers are required to be trained in the appropriate curriculum in order to teach these courses and have little flexibility regarding topics taught. Pawtucket Public Schools offers early enrollment program courses in the following subjects: Accounting, Business Management, Music, Spanish and Portuguese.

CONCURRENT AND DUAL ENROLLMENT

The University of Rhode Island, Rhode Island College, Roger Williams University and the Community College of Rhode Island offer both Concurrent Enrollment and Dual Enrollment courses through various Career and Technical Education Programs for college credit. These credits may or may not be transferable to other colleges.

HIGH SCHOOL ENRICHMENT PROGRAM

The High School Enrichment Program at the Community College of Rhode Island offers high school juniors and seniors the opportunity to pursue educational experiences not available to them in high school. It is a part-time program, whereby high school students may enroll in up to 6 (six) credits or two courses per semester. Course selection is made at the discretion of the high school guidance counselor. Credits earned by students are in addition to earned credits at the high school and are not considered to be in place of high school courses.

ALL COURSE NETWORK

Rhode Island students have the opportunity to access expanded course offerings such as college courses from Roger Williams University, University of Rhode Island and New England Institute of Technology along with AP courses and other enrichment courses through the All Course Network. Information is available at: <https://enrollri.org/acn>

RUNNING START PROGRAM

Running Start is a program offered at the Community College of Rhode Island for high school students who have demonstrated academic achievement and maturity needed to enroll in college courses during their senior year. Seniors who study at CCRI on a full-time basis during the day may be eligible to earn college credit and credit for high school graduation simultaneously.

UPWARD BOUND (Shea)

Upward Bound is designed to provide low-income, potential first generation college students with the skills and motivation to complete high school and to enter and graduate from college. The goal of Upward Bound is to increase the high school graduation rates of program participants and provide academic and college application assistance. Students work with program counselors and teachers from Rhode Island College, attend a summer residence program, take Saturday classes, and receive tutoring

support. Prospective students complete applications, including interviews, and can start the program in 9th, 10th, or 11th grade and continue to meet through 12th grade.

COLLEGE CRUSADE OF RHODE ISLAND (Shea and Tolman)

The College Crusade of Rhode Island is a college-readiness and scholarship program for Rhode Island students. It provides students with a caring advisor and many programs and services that focus on academic enrichment, social and personal development, career awareness and exploration, and preparation for college. Students apply for admission to The College Crusade while they are in fifth grade. Financially eligible Crusaders who graduate from high school and gain admission to college can qualify for a scholarship. Crusaders are expected to stay in school and work hard, to avoid drugs, early parenthood, and any problems with the law, and to be good role models in their communities.

COLLEGE ADVISING CORPS (Shea and Tolman)

The College Advising Corps. (CAC) works to increase the number of qualified low-income, first-generation, and underrepresented students who enter and complete higher education. CAC believes every student deserves the chance to benefit from postsecondary opportunities. Their work transforms individual lives, families, communities, and school systems.

WORKING PAPERS

An application for working papers may be obtained at the guidance office and in the school administration building. Proof of age must be presented when the working papers are received.

SCHOLARSHIPS & AWARDS

Many sources are available to students interested in obtaining financial assistance. Information and applications for many local and national sources can be obtained by seeking counselor assistance and using resources materials available in the counseling office. Guidance offices at each school conduct Financial Aid Nights to review FAFSA applications, scholarships and awards.

CAREER and TECHNICAL EDUCATION

The Pawtucket School Department is offering sixteen Rhode Island Department of Education Career and Technical Education (CTE) programs:

- Jacqueline M. Walsh School for the Performing and Visual Arts:
 - Dance
 - Music
 - Theater
 - Video and Film Production
 - Visual Arts
- Charles E. Shea High School:
 - Biomedical Science
 - Community Health Worker
 - Government and Public Administration
 - Information Technology
 - Pre-Engineering
- William E. Tolman High School:
 - Finance
 - Hospitality and Tourism Management
 - Junior ROTC
 - Law and Forensics
 - Marketing and Management
 - Protective Services

The Career and Technical Education programs in Pawtucket are designed to provide students with the academic and applied skills they need to be successful in the workforce as well as postsecondary education. In an effort to meet the needs and interests of our diverse student body, our high schools offer a variety of CTE programs that are designed to prepare students for a specific field or area of focus.

Students are expected to complete a program of study that includes both required and suggested courses. Participation in internships and work-based learning experiences is also an expectation of the program. Additionally, CTE courses may be taken for college credit. Certifications will be noted on participating students' transcripts upon successful completion of the program. Concurrent and Dual Enrollment opportunities are also offered in some of our CTE programs.

SkillsUSA and DECA

SkillsUSA and DECA are student organizations for career and technical education students. We have a SkillsUSA Chapter at each of our high schools. DECA serves the needs of the Marketing and Management students. Both organizations provide students with opportunities to develop leadership skills, to become involved in community service, enhance their employability skills, and to compete in their technical skills areas. The highest visibility element of SkillsUSA and DECA are the student competitions. Students compete in their technical specialities at the school level.

**Career and Technical Education Programs at the Jacqueline M. Walsh
School for the Performing and Visual Arts**

DANCE - PLAN of STUDY

DANCE – The Dance Department is process-oriented and is designed to immerse students in the fundamentals of dance from beginner to advanced Technique. The program teaches dance techniques in Ballet and Modern dance as well as *Progressing Ballet Technique (PBT)*. The course of study for majors also includes anatomy & injury prevention, dance history, choreography, and pedagogy skills. In addition, dancers are exposed to a variety of styles and techniques through visiting artists and residency programs with various professional dance companies. In and out of the classroom, formal and informal performances help students develop performance skills and the ability to give and take constructive criticism from their peers and Dance Artists from the community. In Advanced Dance Technique, students focus on the audition process, concert/dance production, and choreography, culminating in a formal dance concert. All dancer majors are expected to perform or work backstage for this concert on an annual basis starting in their first year. The Dance department is designed to graduate students with the ability to successfully audition into a college dance program or move directly into the field of Dance Education, Performance, or Choreography.

First Year	
Semester 1	Semester 2
Introduction to Dance Technique	
Second Year	
Semester 1	Semester 2
Intermediate Dance Technique	
Third and Fourth Year	
Semester 1	Semester 2
Advanced Dance Technique A* Advanced Dance Technique B*	

**Courses alternate every other year*

Additional Required Courses		
Dance History	Dance Composition	Anatomy & Injury Prevention for the Moving Body

MUSIC - PLAN of STUDY

MUSIC – This course program is designed for music majors. The three main components of study over the four years will include Solo Repertoire, Music Theory (with Traditional Notation), and Aural Development. The students will learn the following musical skills: Sight Singing, Ear Training, Aural Awareness, Harmony, Rhythm, Melody, Composition and Improvisation. These skills will be expanded on with the use of piano, guitar, and voice training. Knowledge will continue in a more advanced level through each grade level. Students will complete an adult level piano course instruction over the four years. In the junior year, music students will be required to complete 12 chapters of a college level music history course and finish the other 12 chapters in their senior year. During the senior year, students will be required to take the AP Music Theory course and have the option of taking the AP Music Theory Test. The AP Music course has been approved by the College Board and the syllabus has been adopted to meet the required course curriculum. Finally, seniors will be required to perform a Senior Recital as part of the final requirement of the course load.

First Year	
Semester 1	Semester 2
Music Foundations	
Second Year	
Semester 1	Semester 2
Intermediate Music	
Third Year	
Semester 1	Semester 2
Advanced Placement Music Part I	
Fourth Year	
Semester 1	Semester 2
Advanced Placement Music Part II	
Additional Required Courses	
Chorus	Intermediate Chorus
Advanced Chorus	Honors Chorus
Optional Electives	
Piano	Guitar
Songwriting & Music Production	Performance Ensemble

THEATER - PLAN of STUDY

THEATER – The JMW theater program is process oriented. The student actor will explore voice and movement, dramatic texts and interpretation as well as learning how to create and sustain believable characters through collaborative and truthful storytelling. Formal and informal performances, in and out of the classroom, help students develop performance skills and the ability to give and take constructive criticism from their peers. Students will graduate with the ability to successfully audition into a college theater program.

First Year	
Semester 1	Semester 2
Introduction to Theater	Introduction to Acting
Second Year	
Semester 1	Semester 2
Introduction to Script Analysis	Introduction to Scene Study
Third & Fourth Year	
Semester 1	Semester 2
Theater History* Introduction to Audition Technique*	Classical Scene Study** Theater Seminar**
<i>*These courses alternate every other year</i>	
<i>**These courses alternate every other year</i>	
Additional Required Courses	
Moving Body or Dance Composition	Chorus
Optional Electives	
Dramatic Literature	Non-Western Theatrical Traditions
Theater Works	Introduction to Improvisations

VIDEO & FILM PRODUCTION - PLAN of STUDY

VIDEO & FILM PRODUCTION - The Video & Film pathway will provide training for entry-level employment in the production industry. Students will get the opportunity to explore A/V technology that exposes them to multiple real-world work opportunities in film. Other work possibilities could lead to work in cable television, education, radio, and A/V business-related fields. This CTE program will have students using professional-grade equipment and software. They will create student-driven productions. They will obtain a solid foundation in audio, video, and film-style projects. Students will develop video recording/editing skills, audio recording/editing, video production, screenwriting, animation, web design, lighting techniques, and crew positions. In addition, students in this program will apply their knowledge and skills in industry work experiences that may lead to paid or unpaid internships.

First Year	
Semester 1	Semester 2
Film Appreciation	Introduction to Video Production
Second Year	
Semester 1	Semester 2
Production Techniques	
Third & Fourth Year	
Semester 1	Semester 2
Studio Production* Advanced Narrative Production*	

**These courses alternate every other year*

Additional Required Courses	
Film History*	Contemporary American Film**

**This course is offered through the History Dept. **This course is offered through the English Dept.*

Optional Electives	
Special Effects	Client Media Production
Media Advertising	Narrative & Documentary Film
Digital Media and Design	
Film Technique Implementation and Literary Interpretation *	Screenwriting*
Animation**	Drawing and Storyboard**

**This course is offered through the ELA Dept. **This course is offered through the Visual Art Dept.*

VISUAL ART - PLAN of STUDY

VISUAL ART – The JMW visual art course of studies is a four year curriculum designed to build an increasingly advanced set of art skills and experiences. The first two and a half years lays a comprehensive foundation of techniques and materials for drawing, printmaking, sculpture, painting, and art history. The last year and a half, students focused on creating a personal body of work for their college admissions portfolio, exhibits, and public art. Professional guest artists bring specialized instruction to the classroom and connect the classes to the working art world.

First Year	
Semester 1	Semester 2
Materials and Techniques	
Second Year	
Semester 1	Semester 2
Color and Anatomy	
Third & Fourth Year	
Semester 1	Semester 2
Landscape and Figures* Portfolio and Public Art*	

**These courses alternate every other year*

Additional Required Courses
Art History*

**This course is offered through the History Dept.*

Optional Electives	
Drawing & Storyboard	Ceramics
Comic Illustration	Sculpture
Animation	Life Drawing
Special Effects*	Digital Media and Design*

**This course is offered through the Video and Film Production Dept.*

**Career and Technical Education Programs at
Charles E. Shea High School**

BIOMEDICAL SCIENCE - PLAN of STUDY

BIOMEDICAL SCIENCE - The focus of this program is a four-course Project Lead The Way (PLTW) sequence that allows students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person to learn content in the context of real-world cases. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease, all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future. Each course in the Biomedical Science sequence builds on the skills and knowledge students gain in the preceding courses.

First Year*	
Semester 1	Semester 2
Principles of Biomedical Science	
<i>*First year of this program will start in the 2022-2023 School Year</i>	
Second Year	
Semester 1	Semester 2
Human Body Systems	
Third Year	
Semester 1	Semester 2
Medical Interventions	
Fourth Year	
Semester 1	Semester 2
Biomedical Innovations & Internship	
Optional Electives	
Genetics*	Human Anatomy*
Probability and Statistics**	Human Physiology*

**This course is offered through the Science Dept.*

***This course is offered through the Math Dept.*

COMMUNITY HEALTH WORKER - PLAN of STUDY

COMMUNITY HEALTH WORKER - The focus of this program is a three-course sequence that focuses on community health, the various careers in community health, organizational skills, leadership skills, communication skills and ethics. Students will focus on the community health worker core competencies such as Outreach Methods and Strategies, Individual and Community Assessment, Effective Communication, Cultural Responsiveness and Mediation, Education to Promote Healthy Behavior Change, Care Coordination and System Navigation, Use of Public Health Concepts and Approaches, Advocacy and Community Capacity Building, Documentation and Professional Skills and Conduct.

First Year*	
Semester 1	Semester 2
Foundations of Healthcare Professions	

**First year of this program will start in the 2022-2023 School Year*

Second Year	
Semester 1	Semester 2
Essential Healthcare Practices	

Third Year	
Semester 1	Semester 2
Patient Navigation and Internship	

Optional Electives	
CPR & First Aid*	World Language(s)**
Probability and Statistics***	Psychology****

**This course is offered through the Physical Education Dept.*

***This course is offered through the World Language Dept.*

****This course is offered through the Math Dept.*

*****This course is offered through the History Dept.*

GOVERNMENT and PUBLIC ADMINISTRATION - PLAN of STUDY

GOVERNMENT AND PUBLIC ADMINISTRATION – The focus of this program is on planning and performing government functions at the local, state, and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations. This program is offered in conjunction with Roger Williams University.

First Year	
Semester 1	Semester 2
Law and Society - Civil	Law and Society - Criminal
Second Year	
Semester 1	Semester 2
American Government and Civics	
Third Year	
Semester 1	Semester 2
Public Administration Internship	
Optional Electives	
Psychology*	Sociology*
World History*	Public Speaking**
World Language(s)***	

*This course is offered through the History Dept.

**This course is offered through the English Dept.

***This course is offered through the World Language Dept.

INFORMATION TECHNOLOGY - PLAN of STUDY

INFORMATIONAL TECHNOLOGY (COMPUTER SCIENCE) - The focus of this program is on careers related to computer programming and/or cybersecurity. Students will develop an understanding of what computer and data science is, as well as begin the journey into different programming languages used to develop applications, software and websites. This program is offered in conjunction with the University of Rhode Island and Rhode Island Department of Education's CS4RI program.

First Year	
Semester 1	Semester 2
Introduction to Computing and Data Science	
Second Year	
Semester 1	Semester 2
AP Computer Science Principles	
Third Year	
Semester 1	Semester 2
AP Computer Science A	AP Computer Science A
	Computer Science Work-Based Learning
Optional Electives	
Probability and Statistics*	AP Statistics*
Engineering Essentials**	

*This course is offered through the Math Dept.

**This course is offered through the Technology Dept.

PRE-ENGINEERING - PLAN of STUDY

PRE-ENGINEERING - The focus of this program is to prepare students for careers and/or postsecondary study in civil engineering, mechanical engineering, robotics, and occupations related to advanced manufacturing, construction, mechanical engineering, and computer design related occupations. There is also a corollary program/bonus with WindWINRI involving wind turbines, environmental science and various end course certifications. See Offshore Wind Energy Program.

First Year	
Semester 1	Semester 2
PLTW Engineering Essentials	
Second Year	
Semester 1	Semester 2
PLTW Introduction to Engineering Design	
Third Year	
Semester 1	Semester 2
PLTW Principles of Engineering, OR Wind Energy and Turbine Technology	
Fourth Year	
Semester 1	Semester 2
PLTW Engineering Design and Development, OR Wind Energy and Turbine Technology, OR Pre-Engineering Internship	
Optional Electives	
Introduction to Robotics	Advanced Robotics

**Career and Technical Education Programs at
William E. Tolman High School**

FINANCE - PLAN of STUDY

FINANCE PATHWAY - The focus of this program is to prepare students for careers in financial and investment planning, banking, insurance and business financial management. Finance career opportunities are available in every sector of the economy and require skill in organization, time management, customer service and communication.

First Year	
Semester 1	Semester 2
Financial Literacy	Financial Planning
Second Year	
Semester 1	Semester 2
Accounting I	
Third Year	
Semester 1	Semester 2
Banking and Credit	Finance Internship

HOSPITALITY and TOURISM MANAGEMENT - PLAN of STUDY

HOSPITALITY and TOURISM MANAGEMENT - This program focuses on preparing students with the experience, commitment, and skills they need for management, marketing and operations within the hospitality and tourism service industry. Students will be prepared for a wide variety of careers in food and beverage management, hotel/resort management, travel management, food marketing and distribution, and event management.

First Year*	
Semester 1	Semester 2
Principles of Hospitality and Tourism	
<i>*First year of this program will start in the 2022-2023 School Year</i>	
Second Year	
Semester 1	Semester 2
Hospitality and Tourism Management I	
Third Year	
Semester 1	Semester 2
Hospitality and Tourism Management II	
Fourth Year	
Semester 1	Semester 2
Advanced Topics in Hospitality & Tourism and Internship	
Optional Electives	
Geography	Public Speaking
Event Planning	Event Design

JROTC - PLAN of STUDY

JROTC - Marine Corps Junior ROTC Program - The focus of JROTC is to instill in the values of citizenship, service to the U.S., personal responsibility and a sense of accomplishment. JROTC explores multiple enlisted service career fields and officer track careers in all five branches of the U.S. Armed Forces. This academy is hosted in conjunction with the U.S. Marine Corps.

First Year	
Semester 1	Semester 2
JROTC Level 1	
Second Year	
Semester 1	Semester 2
JROTC Level 2	
Third Year	
Semester 1	Semester 2
JROTC Level 3	
Fourth Year	
Semester 1	Semester 2
JROTC Level 4	
Optional Electives	
Emergency Response	American Government & Civics
Public Speaking	Geography

LAW and FORENSICS - PLAN of STUDY

LAW and FORENSICS - This focus of this program is to educate and prepare students for careers in Government, Law Enforcement, Criminal Justice, Forensic Science, Law, Military Service, Psychology, and Social Justice. Students will become proficient in the rights and responsibilities as citizens and how to exercise these rights/responsibilities at local, state, and national levels. Students will be skilled at navigating the Justice System including the formation and enforcement of laws and the intersection between crime and punishment. Students will practice the investigative process, including procedure, Forensic Science, and will navigate the Trial Court and Correctional systems. Students will be capable of applying their understanding of psychological principles to the aforementioned areas while preparing for internships in their respective fields. In addition students also explore Forensic Science as it relates to criminal justice and the legal system.

First Year	
Semester 1	Semester 2
Introduction to Criminal Justice* American Government & Civics**	

**Students enrolled in this course are eligible for three college credits from Roger Williams University*

***Students will take this course in place of US History I*

Second Year	
Semester 1	Semester 2
Forensics*	
Responding to Emergencies**	

**Students enrolled in this course are eligible for three college credits from Roger Williams University*

***This course is offered through the Physical Education Dept.*

Third Year	
Semester 1	Semester 2
Law & Society Criminal*	Law & Society Civil*
Law and Public Safety Internship*	

**Students enrolled in this course are eligible for three college credits from Roger Williams University*

MARKETING and MANAGEMENT - PLAN of STUDY

MARKETING AND MANAGEMENT– The focus of this program is on business, marketing and management. This program is ideal for students who have an interest in the world of business, finance and marketing. This program is best for students who enjoy helping, leading and working with people and for those who are comfortable working with computers and technology. Students will also participate in organizing and planning activities. Students in this program are members of DECA and have an interest in working in a business environment and pursuing continued training in Business, Finance, or Marketing.

First Year	
Semester 1	Semester 2
Business Management	
Second Year	
Semester 1	Semester 2
Marketing	
Third Year	
Semester 1	Semester 2
Digital Media & Design	
Marketing and Management Internship	
Optional Electives	
Accounting	Economics

PROTECTIVE SERVICES - PLAN of STUDY

PROTECTIVE SERVICES - The focus of this program is to prepare students to apply technical knowledge and skills required to perform entry-level duties in law enforcement, firefighting, emergency medical services, and other public safety services. This program stresses the techniques, methods, and procedures specific to the areas of criminal justice, fire protection, and emergency medical services especially in emergency and disaster situations. Physical development and self-confidence skills are emphasized due to the nature of the specific occupation(s). In addition to the application of mathematics, communication, science, and physics students receive training in social and psychological skills, map reading, vehicle and equipment operations, the judicial system, firefighting, pre-hospital emergency medical care and appropriate emergency assessment, treatment and communication.

First Year*	
Semester 1	Semester 2
Fundamentals of Public Safety	

**First year of this program will start in the 2022-2023 School Year*

Second Year	
Semester 1	Semester 2
Introduction to Criminal Justice, OR Firefighting I	

Third Year	
Semester 1	Semester 2
Law & Society and Forensic Science OR Firefighting II	

Fourth Year	
Semester 1	Semester 2
EMS Training	
Advanced Criminal Justice, OR Advanced Firefighting	

Optional Electives	
Public Speaking*	Sociology**
Psychology**	Environmental Science***

**This course is offered through the English Dept.*

***This course is offered through the History Dept.*

****This course is offered through the Science Dept.*

ENGLISH DEPARTMENT

100	English Language Arts Intervention	Credit: 1.00	SHEA - TOLMAN
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Prerequisite: Teacher recommendation

This is an intensive reading intervention program designed to meet the needs of students whose reading achievement is below the proficient level. This program directly addresses individual needs through adaptive and instructional software, high-interest literature, and direct instruction in reading and writing skills.

101	Advanced Standing English Language Arts 9	Credit: 1.00	JMW - SHEA - TOLMAN
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This course is offered to students who have already demonstrated grade level proficiency in reading and writing and are interested in pursuing a rigorous course of study that is both expanded and enriched. Students study poetry, drama, short stories, and novels. Focus is on literary analysis; small and large group discussion and informational writing. Students complete extended text-based projects and oral presentations.

102	English Language Arts 9	Credit: 1.00	JMW - SHEA - TOLMAN
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This course is offered to students who have already demonstrated grade level proficiency in reading and writing. Students study poetry, drama, short stories, and novels. Focus is on literary analysis; small and large group discussion and informational writing. Students complete extended text-based projects and oral presentations.

111	Advanced Standing English Language Arts 10	Credit: 1.00	JMW - SHEA - TOLMAN
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The course is offered to students who have already demonstrated grade level proficiency in reading and writing and are interested in pursuing a rigorous course of study that is both expanded and enriched. It is an intensive study of American Literature that exposes students to the many works that have shaped American culture. Reading/writing assignments include responding to literary and informational text, informational writing, and persuasion. Group work and oral presentations are components of this course. Summer reading is mandatory, is intended to enhance your learning, and is factored into the grade for the course.

112	English Language Arts 10	Credit: 1.00	JMW - SHEA - TOLMAN
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In this course students examine American Literature and are exposed to the works that have shaped American culture. Reading and writing assignments include responding to literary and informational text, informational writing, and persuasion. Group work and oral presentations are components of this course.

115	World Literature	Credit: 1.00	TOLMAN
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World Literature is a course that covers literature study, reading, writing, and language. Students read literature from around the world, including the following genres: short story, poetry, memoir, autobiography, and drama. They read examples of informational writing, such as a letter, magazine article, newspaper article, speech, editorial, and movie or book review. Additionally, they acquire and practice reading skills and strategies that are directly applicable to these literary and informational reading materials. In addition, students develop and practice writing and language skills. They employ the writing process to create narrative, expository, and persuasive compositions

121	Advanced Standing English Language Arts 11	Credit: 1.00	JMW - SHEA - TOLMAN
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This college preparatory course is offered to students who have already demonstrated grade level proficiency in reading and writing and are interested in pursuing a rigorous course of study that is both expanded and enriched. It is an intensive study of themes and issues found in western and non-western literature. Students engage in insightful discussions and work on creative projects that highlight the focus of the course. Summer reading is mandatory, is intended to enhance your learning, and is factored into the grade for the course.

122	English Language Arts 11	Credit: 1.00	JMW - SHEA - TOLMAN
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This college preparatory course is a study of themes and issues found in Western and non-western literature. Students engage in insightful discussions and work on creative projects that highlight the focus of the course.

131	Advanced Standing English Language Arts 12	Credit: 1.00	SHEA - TOLMAN
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This college preparatory course is a study of literature with an emphasis on analysis and interpretation of multicultural texts. Students engage in insightful discussions and work on creative projects that highlight the focus of the course.

132	English Language Arts 12	Credit: 1.00	JMW - SHEA - TOLMAN
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This college preparatory course is a study of literature with an emphasis on analysis and interpretation of multicultural texts. Students engage in insightful discussions and work on creative projects that highlight the focus of the course.

ENGLISH DEPARTMENT

135	AP English Language and Composition	Credit: 1.00	SHEA - TOLMAN
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This course is geared to preparing motivated students for the Advanced Placement Exams in English Language and Composition. Students will engage in studying and writing various kinds of analytic or persuasive essays on non literary topics. Additionally, the course is offered and approved by Rhode Island College's Early Enrollment Program for possible college credit.

*Summer reading is mandatory, is intended to enhance your learning, and is factored into the grade for the course.

*Students enrolled in this course are expected to register and sit for the AP exam

136	AP English Literature and Composition	Credit: 1.00	JMW - SHEA - TOLMAN
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This course is designed for motivated students with a command of standard English and an interest in exploring and analyzing challenging classic and contemporary literature, and a desire to analyze and interpret dominant literary genres and themes.

*Summer reading is mandatory, is intended to enhance your learning, and is factored into the grade for the course.

*Students enrolled in this course are expected to register and sit for the AP exam

140	Introduction to Screenwriting	Credit: .50	JMW
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Introduction to Screenwriting gives students a foundation in the principles and techniques of writing for Film and Television. Areas of focus include story structure, character development, tone, genre, and attention to audience. Equal consideration is given to both the technical and creative aspects of the medium. Using industry standard Final Draft software, students will develop and produce finished works at a level that is both effective and reflective of individual voices.

150	Digital Journalism	Credit: .50	TOLMAN
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Students apply journalistic basics in creating and analyzing 21st century communication. Emphasis on examination of digital formats; interactive news sites, blogs, vlogs, and social media. Students become versed in determining the legitimacy of "news" in today's journalism, and will develop their own digital "voice."

151	Creative Writing	Credit: .50	JMW - SHEA - TOLMAN
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This course focuses on drawing out the creative side of the student writer. Through structured in-class exercises, assigned readings, peer-editing and informal group discussions, students produce and critique creative writing poems, essays, and short stories.

152	CSI Pawtucket	Credit: .50	SHEA
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C.S.I. Pawtucket ... You are the detective in this reading and writing workshop. This course investigates mysteries, past and present, from Edgar Allen Poe to R.L. Stine. Find the hidden clues to the secrets of mystery writing.

153	Children's Literature	Credit: .50	SHEA - TOLMAN
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This reading and writing workshop explores various genres of children's literature from around the world. Discover the appeal of these timeless tales. Students will participate in extended text-based projects and creative writing pieces.

154	Public Speaking	Credit: .50	JMW - SHEA - TOLMAN
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Speaking before an audience doesn't need to be an intimidating experience. In this course, students examine a variety of public speaking genres, styles and strategies. Students apply these strategies to evaluate, prepare, and deliver various presentations. This course is open to Juniors and Seniors only at Shea and Tolman. Open to all at JMW.

155	Journalism Basics	Credit: .50	SHEA - TOLMAN
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Students learn the basics of journalism: writing and reporting, interviewing, and editing. Emphasis is on the history and importance of journalistic writing in present day society. Students begin outlining school publications.

156	Contemporary American Film	Credit: .50	JMW - SHEA - TOLMAN
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Lights! Camera! Action! If you love to watch, think and talk about movies then this is the course for you. This course focuses on film as a storyteller. Students explore leading film genres including action-adventure, comedy, drama, romantic, sports, musical/dance, mystery, science fiction/fantasy, the biopic and documentaries. It examines the impact of film on popular culture and in turn how film represents modern culture. The role of literature on film is also considered. Readings include works of fiction, journalism, and social history. This course culminates in a multimedia presentation.

ENGLISH DEPARTMENT

157	Theater	Credit: .50	SHEA
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Another Opening! Another Show! This course is designed to introduce students to various aspects of the theater. Areas explored include the history of theater, acting, directing, script writing, technical design and production. Students read, view and critique drama and have the opportunity to participate in authentic theater experiences.

158	Advanced Theater	Credit: .50	SHEA
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Prerequisite: Theater

Students concentrate on improving their acting skills and becoming better communicators vocally, physically, and mentally. They study, write, and perform dialogue which reveals character motivation. Students also perform improvisational and theater exercises, act opposite classmates and develop auditioning skills. Students in the course are required to participate in a performance of adapted scenes.

163	Myths and Legends	Credit: .50	TOLMAN
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In this course, students will explore select Greek and Roman myths about heroes and gods, their origins, their symbolic significance and their portrayal of fact and fiction and realities and ideals. Students will read, analyze and research myths and legends in order to comprehend and appreciate their roles in literature and today's society.

164	Writing 104	Credit: .50	TOLMAN
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Prerequisite: Grade 12 ONLY

URI Writing 104 is a concurrent enrollment course, focuses on and emphasizes the rhetorical situation and helps students understand audience and purpose for everything they write, to see writing as a rhetorical opportunity, and crafting a fitting response to and shift between different genres and stances. This course requires several major projects plus other brief or informal writings. Students who successfully complete this course will earn 3 college credits for free.

165	SAT Preparation: English Language Arts	Credit: .50	SHEA - TOLMAN
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Prerequisite: Grade 11 ONLY

This course is designed to prepare students for the standardized college entrance exam, the Scholastic Aptitude Test (SAT) and make the SAT experience less intimidating. SAT Prep for English Language Arts consists of specific instruction in reading, writing, vocabulary, critical thinking, and grammar. Students will also learn strategies for answering the different types of multiple choice questions. Additionally, students will be challenged to write an essay analyzing how the author of a persuasive passage supports an argument to persuade an audience. Students will also learn and practice test-taking strategies and short-cuts that will help develop the test-taking skills necessary for success on the SAT.

169	Poetry and Drama	Credit: .50	JMW - SHEA
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Prerequisite: This course must be taken in conjunction with Creative Writing (151)

This course examines two different genres of literature that can take on many forms, from song lyrics and poems to plays and TV scripts. The focus of the course is on literary analysis and includes poetry-writing workshops. Students are required to write poetry and complete a literary comparative analysis

104	August Wilson's Century Cycle	Credit: .50	SHEA
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Through the lens of master playwright, August Wilson, experience the 20th century. Interact with the history, culture, drama, politics, families, and communities of Black Americans. This course will be project-based and focus on research, dramatic readings and presentations, student-led discussions, and analytical writings that will explore the themes and subjects of Wilson's plays.

MATHEMATICS DEPARTMENT

200	Math Lab for Algebra	Credit: 1.00	SHEA - TOLMAN
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Prerequisite: Teacher recommendation is required

This course is intended to assist students in mastering the fundamentals of Algebra 1 while providing additional support to address any gaps students may have in their prior knowledge. It is taken concurrently with Algebra 1.

202	Algebra I	Credit: 1.00	JMW - SHEA- TOLMAN
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Prerequisite: Graphing Calculators may be used (TI-83/84 Recommended)

This course introduces students to fundamental algebraic concepts. Connections are made to real world applications. The development of conceptual understanding is balanced with the need for the development of efficient skills. Topics include:

MATHEMATICS DEPARTMENT

interpreting and using variables, expressions, and equations; linear and nonlinear functions and relationships; scatter plots and systems of linear equations; exponents and polynomials, and introduction to quadratics.

203	Algebra Concepts	Credit: 1.0	TOLMAN
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Prerequisite: Teacher recommendation is required

This course is intended for students who need additional support to complete Algebra 1. This course introduces students to fundamental algebraic concepts. Connections are made to real world applications. The development of conceptual understanding is balanced with the need for the development of efficient skills. Topics include: interpreting and using variables, expressions, and equations; linear and nonlinear functions and relationships; scatter plots and systems of linear equations; exponents and polynomials, and introduction to quadratics.

204	Advanced Algebra Concepts	Credit: 1.0	TOLMAN
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Prerequisite: Teacher recommendation is required

This course emphasizes concepts and skills from the second half of an Algebra 1 course involving the topics of non-linear algebra. Students will work with quadratic and exponential equations and apply them to the solution of real world problems. Students will continue to work with functions and apply their understanding of functions to situations that model quadratic and exponential data. Students will apply their knowledge through assignments that include demonstrations and activities as well as common course assessments.

205	Introduction to Algebra I through Geometry	Credit: 1.0	SHEA
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Prerequisite: Teacher recommendation is required

This two semester course for incoming freshmen covers the second semester of Algebra 1 and the first semester of Geometry. The course begins with a review of concepts covered in the grade 8 Algebra curriculum, including; number properties, ratios and proportions, solving, graphing and writing linear equations and linear inequalities, and solving systems of linear equations and linear inequalities. Following this review, students will be introduced to powers and exponents, quadratic equations, polynomials and factoring, proportions, functions and radicals. The second semester of this course covers the first half of the Geometry course including introducing key concepts such as using points, lines and planes, deductive reasoning and proofs, congruent triangles and properties of triangles and polygons.

209	Advanced Standing Algebra II	Credit: 1.0	JMW - SHEA -TOLMAN
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Prerequisite: AS Geometry or teacher recommendation is required; Graphing Calculators may be used (TI-83/84 Recommended)

The course is offered to students interested in pursuing a rigorous course of study that is both expanded and enriched. It is an in-depth study of relations and functions, monomials and polynomials, quadratic functions, complex numbers, linear systems, linear and quadratic inequalities, radical expressions, rational expressions, and exponential and logarithmic functions.

210	Introduction to Algebra II through Geometry	Credit: 1.0	SHEA
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Prerequisite: Successful completion of Introduction to Geometry through Algebra 1

This full year course covers the second semester of Geometry and the first semester of Algebra 2. The course begins with a brief review of concepts covered in the Introduction to Geometry through Algebra 1 course. Following this review, students will learn topics from Geometry including polygons, coordinate geometry, triangles & trigonometry and circles. During the second semester students will learn topics from Algebra 2 including quadratic equations, polynomials and factoring, radicals and complex numbers.

212	Algebra II	Credit: 1.0	JMW - SHEA -TOLMAN
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Prerequisite: Algebra I; Geometry is suggested, but not required; Graphing Calculators may be used (TI-83/84 Recommended)

This course is an in-depth study of relations and functions, monomials and polynomials, quadratic functions, complex numbers, linear systems, linear and quadratic inequalities, radical expressions, rational expressions, and exponential and logarithmic functions.

221	Advanced Standing Geometry	Credit: 1.0	JMW - SHEA - TOLMAN
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Prerequisite: teacher recommendation, Algebra I

This course is offered to students who are interested in pursuing a rigorous course of study that is both expanded and enriched. It introduces students to geometric thinking, proofs, and applications. Topics include the relationships of points, lines, planes, and space, geometric constructions, properties of the common geometric figures (angles, triangles, quadrilaterals, circles, polygons and spheres), congruence and similarities of geometric figures, areas, perimeters and volume, right triangle trigonometry and transformations.

222	Geometry	Credit: 1.0	JMW - SHEA - TOLMAN
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Prerequisite: Algebra I

This course introduces students to geometric thinking, proofs, and applications. Topics include the relationships of points, lines,

MATHEMATICS DEPARTMENT

planes, and space, geometric constructions, properties of the common geometric figures (angles, triangles, quadrilaterals, circles, polygons and spheres), congruence and similarities of geometric figures, areas, perimeters and volume, right triangle trigonometry and transformations.

223	Math Lab for Geometry	Credit: 1.0	SHEA
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Prerequisite: Teacher recommendation is required

This course is intended to assist students in mastering the fundamentals of Algebra 1 while providing additional support to address any gaps students may have in their prior knowledge. It is taken concurrently with Algebra 1

225	Geometric Concepts	Credit: 1.0	TOLMAN
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Prerequisite: Algebra I; Teacher recommendation is required

This course is intended for students who need additional support to complete Geometry. This course introduces students to geometric thinking, proofs, and applications. Topics include the relationships of points, lines, planes, and space, geometric constructions, properties of the common geometric figures (angles, triangles, quadrilaterals, circles, polygons and spheres), congruence and similarities of geometric figures, areas, perimeters and volume, right triangle trigonometry and transformations.

226	Advanced Geometric Concepts	Credit: 1.0	TOLMAN
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This course emphasizes concepts and skills from the second half of a Geometry course involving the topics of non-proof geometry. Students investigate the fundamental topics, including the following: Special Angle Relationships, Parallel and Perpendicular Lines, Congruent Triangles, Similarity, Transformations, and Properties of Circles. Emphasis is on number sense and operations, measurement, reasoning and problem solving, as well as basic algebra and geometry skills.

231	Advanced Standing Pre-Calculus	Credit 1.0	JMW - SHEA - TOLMAN
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Prerequisite: AS Algebra II; AS Geometry or Teacher recommendation is required; Graphing Calculators may be used (TI-83/84 Recommended)

This course is offered to students who are interested in pursuing a rigorous course of study that is both expanded and enriched. It is designed to prepare students for Calculus or as a preparation for college level mathematics. Topics include linear relations and functions, the nature of graphs, polynomial and rational functions, trigonometric functions and their graphs, identities and equations, conics, complex numbers, and exponential and logarithmic functions. If time permits, polar coordinate topics are introduced. All topics routinely require the use of the graphing calculator

232	Pre-Calculus	Credit: 1.0	SHEA - TOLMAN
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Prerequisites: Algebra II and Geometry or teacher recommendation; Graphing Calculators may be used (TI-83/84 Recommended)

This course is designed to prepare students for Calculus or as a preparation for college level mathematics. Topics include linear relations and functions, the nature of graphs, polynomial and rational functions, trigonometric functions and their graphs, identities and equations, conics, complex numbers, and exponential and logarithmic functions. If time permits, polar coordinate topics will be introduced. All topics routinely require the use of the graphing calculator

241	Advanced Placement Calculus	Credit: 1.0	JMW - SHEA - TOLMAN
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Prerequisites: AS Pre-Calculus or teacher recommendation; Graphing Calculators Required (TI-83/84 Recommended); Students enrolled in this course are expected to register and sit for the AP Exam.

AP Calculus is a full-year course with a required Advanced Placement exam at the end of the school year. It is a prerequisite for any extended work in mathematics, science or social sciences at the college level. Topics include lines, functions and graphs, limits and continuity, derivatives and their applications, integrals and their applications, differential equations and mathematical models. Solutions are determined and verified using the graphing calculator.

242	Calculus	Credit: 1.0	SHEA - TOLMAN
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Prerequisites: Pre-Calculus or teacher recommendation; Graphing Calculators Required (TI-83/84 Recommended)

This course is a prerequisite for any extended work in mathematics, science or social sciences at the college level. Topics include lines, functions and graphs, limits and continuity, derivatives and their applications, differential equations and integrals and their applications. Solutions are determined and verified using the graphing calculator.

260	College Math	Credit: 1.0	JMW - SHEA - TOLMAN
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Prerequisites: Algebra II and Geometry; Students cannot take College Math if they have successfully completed Pre-Calculus

This course is designed for the college-bound student who wants to continue math beyond Algebra II and Geometry in preparation for college. It reviews, sharpens and extends mathematical skills, concepts and problem solving. Topics include exponents and scientific notation, quadratics, polynomials, complex numbers, probability and statistics, combinations and permutations, trigonometric functions, and exponential and logarithmic functions.

MATHEMATICS DEPARTMENT

261	Probability and Statistics	Credit: .50	SHEA - TOLMAN
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Prerequisites: Algebra II and Geometry; A suggested elective for students in the Law and Public Safety Academy (Tolman).

In this semester course, students develop and apply mathematical concepts necessary for career pathways in forensics, health sciences, social sciences, business and educational studies. It provides students with a basic knowledge of probability and statistics including counting, organizing, and reporting data, measures of central tendency, standard deviation, area models for probability, line plots, stem and leaf plots, and graphs.

262	Topics in Mathematics	Credit: 1.0	SHEA - TOLMAN
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Prerequisites: Seniors Only

The purpose of this course is to introduce and prepare students for the mathematics that is involved in the lives of everyday citizens. This course is designed for Seniors who wish to strengthen their Algebra skills before exploring diverse math content. Curriculum units include Algebra, number theory, consumer mathematics and financial management, statistics, and probability.

263	Mathematics through Puzzles and Games	Credit: .50	JMW - SHEA
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Prerequisites: Seniors Only

This course is designed to promote the understanding of math concepts through the study of game theory and puzzle strategies. Students will study patterns to devise methods to solve puzzles and analyze games. Topics will include Networks, common Internet Puzzles, Card Games, Round Robin Tournament Construction, Logic Puzzles, Sudoku Puzzles and Brain Teasers. This course is an elective for students who show interest in this area and would like to discover the secrets behind common puzzles and to develop strategies to improve their abilities to win at various games.

264	Advanced Placement Statistics	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Strong reading comprehension skills are needed and successful completion of Algebra II; Students enrolled in this course are expected to register and sit for the AP exam

AP Statistics is a full-year course with a required Advanced Placement exam at the end of the school year. The course covers four major themes: exploratory data analysis; planning a study; probability; and statistical inference. A TI-83 or TI-83 Plus graphing calculator is required for the course and computer software will also be used.

265	SAT Preparation: Mathematics	Credit: 1.0	JMW- SHEA - TOLMAN
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Prerequisite: Juniors Only

This course is designed to prepare students to take the SAT and make the SAT experience less intimidating. It provides a review of the topics covered in the mathematics portion of the SAT test. Curriculum units will focus on math questions from the four major content groups which include The Heart of Algebra, Problem Solving and Data Analysis, Passport to Advanced Math, and Additional Topics in Math. SAT practice problems will be embedded in each unit to enhance student's reasoning, critical thinking and problem solving abilities. Students will also learn and practice mathematical strategies and shortcuts that will help develop the test taking skills necessary for success on the SAT.

207	Probability	Credit: .50	JMW
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One-semester course in which students develop and apply mathematical concepts pertaining to probability including, but not limited to, expected value, conditional probabilities, compound probabilities, area models, probability trees, and game theory, with a focus on real-world context. The course will focus on problem-solving, critical thinking, and communication skills

208	Statistics	Credit: .50	JMW
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One-semester course in which students develop and apply mathematical concepts pertaining to statistics including, but not limited to, measures of central tendency, measures of variation, experimental design, data analysis, research, scope, metrics, representations of data, and manipulation of data. The course will focus on problem-solving, critical thinking, and communication skills, with a focus on real-world context. The course will focus on problem-solving, critical thinking, and communication skills.

SOCIAL STUDIES DEPARTMENT

311	Advanced Standing United States History I	Credit: 1.0	JMW - SHEA - TOLMAN
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This course is offered to sophomores who have demonstrated grade level proficiency in reading and writing and are interested in pursuing a rigorous course of study that is both expanded and enriched. The American story, starting with the writing of the Constitution and concluding with the closing of the frontier in the late 19th century, is studied.

SOCIAL STUDIES DEPARTMENT

312	United States History I	Credit: 1.0	JMW - SHEA - TOLMAN
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This course is a survey of the American story starting with the writing of the Constitution and concluding with the closing of the frontier in the late 19th century. Students study, analyze, and interpret the important issues and events of our history during this period of time.

321	Advanced Standing United States History II	Credit: 1.0	JMW - SHEA - TOLMAN
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Prerequisite: US History I

This course is offered to students who are interested in pursuing a rigorous course of study that is both expanded and enriched. It continues the survey of the American story begun in United States History I. Students study, analyze, and interpret important developments that influenced the history of the United States from the Gilded Age to the present.

322	United States History II	Credit: 1.0	JMW - SHEA - TOLMAN
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This course continues the survey of the American story started in United States History I. Students study, analyze, and interpret important developments that influenced the history of the United States from the Gilded Age to present.

323	Advanced Placement US History	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: US History I; Students enrolled in this course are required to take the AP Exam.

This Advanced Placement course is for students who have mastered the content and skills in US History I, and who want to study history at a greater depth. Summer reading and research projects are required. This college level course begins a chronological survey of US History from the colonial period through post-Civil War Reconstruction with instruction in historical research interpretation and analysis of primary sources. Whenever possible, national events will be viewed at the local or state level. Students enrolled in this course are expected to register and sit for the AP exam. Satisfactory scores on the AP exam may provide the student with college credits at many colleges and universities. Students will be advised to obtain a supplemental test preparation workbook.

331	Advanced Standing World History	Credit: 1.0	JMW - SHEA - TOLMAN
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The course is offered to entering freshmen who have demonstrated grade level proficiency in reading and writing and are interested in pursuing a rigorous course of study that is both expanded and enriched. Students study, analyze and interpret historical events to 1600. The expansion of European influences to become global in nature by 1600 is stressed, while Eastern influences will be introduced to complete the discussion.

332	World History I	Credit: 1.0	JMW - SHEA - TOLMAN
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In this course students study, analyze, and interpret historical events to 1600. An overview of European influences and their expansion is presented and contrasted with world events in the development of the Americas.

342	World History II	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: World History I

This course continues the discussion and analysis of world events and influences from 1600 to the present. Exploration, trade between eastern and western cultures, the growth of democracy, immigration, and twentieth century events will be stressed.

343	Advanced Placement World History	Credit: 1.0	TOLMAN
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Prerequisite: Students enrolled in this course are required to take the AP Exam.

This Advanced Placement course is for students who have mastered the content and skills in World History I, and want to study history at a greater depth. Summer reading and historical research is required. This college level course begins a survey of World History from the Neolithic Revolution to our Modern society. There is historical research, interpretation and analysis of several primary sources. Students enrolled in the course are expected to register and sit for the AP exam. Satisfactory scores on the AP exam may provide the student with college credits at many colleges and universities.

350	Sociology	Credit: .50	JMW - SHEA - TOLMAN
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This introductory course provides an overview of sociology as a discipline and includes an introduction to sociological concepts, methods, and perspectives. It also applies these concepts directly to social institutions such as family, religion, and politics. The sociological perspective of this course enables the student to view the surrounding world in a different light.

351	Psychology	Credit: .50	JMW - SHEA - TOLMAN
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This is an introductory level course that covers the history, concepts, disorders and related therapies involved in the study of psychology. Elements of criminal and deviant behavior are also introduced.

SOCIAL STUDIES DEPARTMENT

352	Law and Society - Criminal	Credit: .50	SHEA - TOLMAN
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This course introduces and prepares students for career pathways in government or public administration. Law and Society connects the government, the American legal system, and the society in which the student lives. It is committed to the student's understanding of the foundation of law and ethical, societal obligations.

353	Law and Society - Civil	Credit: .50	JMW- SHEA - TOLMAN
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This course explores the connections among the government, the American legal system, and our society. It examines tort, family law, and the basic principles of immigration law. Career pathways in these fields are examined and employment opportunities are researched.

354	Public Administration and RI State Government Internship Program	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Seniors Only; Required course for students in the Government and Public Administration CTE Program

This course is an integral part of the Government and Public Administration Academy. It involves the student in the governmental functions relating to governance, national security, Foreign Service, planning, revenue and taxation, regulation and management. Administration of these functions is studied at the federal, state and local levels. Career pathways and research into the various employment opportunities in the related fields are emphasized. Students must be accepted by the RI Internship Program. Internships are non-paid assignments. Internships are available in the three branches of state government, state departments in public administration, and other state and local agencies. These internships allow students to gain experience in their field, enhance their resume, and improve their college application.

355	Human Geography	Credit: .50	JMW - SHEA - TOLMAN
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Human Geography focuses on the spatial aspects of population growth and distribution, cultural differentiation, urban growth and decline, the spread of ideas and innovations, regional development, and the location of economic activity. The central focus is the analysis of the relationship between society, place and space. The course focuses on social, economic, political, cultural and human-environment processes and patterns and how they change over space and time.

356	American Government and Civics	Credit: 1.0 (.50 at JMW)	JMW - SHEA - TOLMAN
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The objective of this course is to understand the structure and function of government, to help students become more aware of their opportunities and obligations as citizens, and to develop citizenship skills. The U.S. Constitution is a major focus of this course.

357	Rhode Island History	Credit: .50	SHEA - TOLMAN
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This course traces RI History from the early exploration to the current age of reform. The contributions of RI and its people to the development of the United States will be included. Current issues and challenges are examined.

360	Problems and Democracy: US & World Today	Credit: .50	JWM - SHEA
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To help students make sense of the fast-moving affairs of the United States and the world, this course will examine the most significant current issues, both American and international, within their proper historical context. These will include not only political, but also economic and social issues. Print and electronic newspapers and magazines, videos, guest speakers, and field trips will be utilized. Various career opportunities will be investigated throughout the semester. This is a collaborative class for students who have completed either US History I or US History II.

361	Introduction to Criminal Justice	Credit: 1.0	TOLMAN
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This course introduces the student to the United States criminal justice system. Emphasis is placed on criminal law, law enforcement and criminology. Criminal cases are studied as a means to understanding the workings of the system. Various careers within the field are explored and field service experiences are incorporated into the program.

363	Legal and Law Enforcement Career Applications	Credit: 1.0	TOLMAN
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Prerequisite: Seniors Only

This course provides students the opportunity for job experience, job shadowing, and possible internship positions in the legal and law enforcement career areas. Student coursework is individualized and differentiated to meet their needs and interests.

SOCIAL STUDIES DEPARTMENT

364	Advanced Placement Psychology	Credit: 1.0	TOLMAN
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Prerequisite: Juniors and Seniors Only

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

303	Fundamentals of Public Safety	Credit: 1.0	TOLMAN
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This course is the Introductory Level course in the Protective Services CTE Program and prepares students for work in entry-level positions in Public Safety through classroom instruction, hands-on training and community experience. This program encompasses career opportunities in a variety of jobs in which the main focus is ensuring the general safety and well-being of the community. The careers included in this pathway primarily address public order, fire protection and emergency medical services. Students understand basic concepts designed to introduce them to Police, Fire, Emergency Medical Services and the 911 Communications Systems. Students will learn how each of these groups interacts and are interdependent. Instruction will focus on understanding the multitude of careers in the field of Public Safety and the various industry certifications available in the industry.

SCIENCE DEPARTMENT

400	Advanced Standing Physical Science	Credit: 1.0	JMW - SHEA - TOLMAN
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This course is offered to students who are interested in pursuing a rigorous course of study that is both expanded and enriched. It introduces students to the fundamental concepts, skills and techniques used in chemistry and physics. The topics of study in semester one include: scientific tools and measurements, physical and chemical properties and changes, properties of matter, basic atomic structure and the periodic table. Semester two will focus on: forces and motion, speed, velocity and acceleration and Newton's Laws.

401	Physical Science	Credit: 1.0	JMW - SHEA - TOLMAN
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This course introduces students to the fundamental concepts, skills and techniques used in chemistry and physics. The topics of study in semester one include: scientific tools and measurements, physical and chemical properties and changes, properties of matter, basic atomic structure and the periodic table. Semester two will focus on: forces and motion, speed, velocity and acceleration and Newton's Laws.

402	Advanced Standing Biology	Credit: 1.0	JMW - SHEA - TOLMAN
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This course is offered to students who are interested in pursuing a rigorous course of study that is both expanded and enriched. Students taking this course have demonstrated proficiency in the reading and writing state standards. Biology is the study of life. In this laboratory science course students will study molecules, cells, organisms and their relationship to each other and the world they inhabit. The course builds on the understanding of cells and moves through cell reproduction and genetics, as students learn how organisms have evolved from simple to complex life forms. Students will apply the principles of the scientific method both in their thinking and in their lab work. Topics of study include the structure and function of living things, DNA, the code of life, interactions between and among organisms and the environment, the theory of evolution, and how technology has advanced our understanding of these topics.

403	Biology	Credit: 1.0	JMW - SHEA - TOLMAN
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Biology is the study of life. In this laboratory science course students will study molecules, cells, organisms and their relationship to each other and the world they inhabit. The course builds on the understanding of cells and moves through cell reproduction and genetics, as students learn how organisms have evolved from simple to complex life forms. Students will apply the principles of the scientific method both in their thinking and in their lab work. Topics of study include the structure and function of living things, DNA the code of life, interactions between and among organisms and the environment, the theory of evolution, and how technology has advanced our understanding of these topics.

410	Advanced Placement Biology	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Students enrolled in this course are required to take the AP Exam

Content will consist of rapid review of general biology and include but not be limited to an in-depth study of general biological concepts such as genetics, biological energetics, mechanism of enzyme action, and protein synthesis. This course is designed to be equivalent to the general biology course taken in the first year of college.

SCIENCE DEPARTMENT

420	Advanced Standing Chemistry	Credit: 1.0	JMW - SHEA -TOLMAN
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This course is offered to students who are interested in pursuing a rigorous course of study that is both expanded and enriched. Students taking this course have demonstrated proficiency in the reading, writing, and mathematics state standards. Chemistry is a laboratory science course in which students investigate the properties and structure of matter and the physical and chemical changes it undergoes. Students use science process skills and problem solving to study the periodic table, the fundamental structure of atoms, how atoms combine to form compounds, the interactions between matter and energy and the stoichiometric relationship between substances. Students explore chemistry concepts through a variety of classroom and laboratory activities.

421	Chemistry I	Credit: 1.0	JMW - SHEA - TOLMAN
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Chemistry I is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills and problem solving to study the properties and structure of matter, periodic table, the fundamental structure of atoms, how atoms combine to form compounds, the interactions between matter and energy, the gas laws, and the stoichiometric relationship between substances. Students explore chemistry concepts through a variety of classroom and laboratory activities.

422	Chemistry II	Credit: 1.0	SHEA - TOLMAN
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This course allows students to continue with their study of Chemistry. Topics include solutions, kinetics, thermodynamics, acids and bases and organic chemistry. Students will collaborate, investigate and explore topics independently and in small groups. There is an emphasis on lab work in this course. Juniors and seniors.

426	Applied Chemistry	Credit: 1.0	SHEA - TOLMAN
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Applied Chemistry is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills to study the periodic table, the fundamental structure of atoms, how atoms combine to form compounds, and the interactions between matter and energy. Students explore chemistry concepts through a variety of classroom and laboratory activities.

430	Advanced Standing Physics	Credit: 1.0	SHEA
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This course is offered to students who are interested in pursuing a rigorous course of study that is both expanded and enriched. This course is designed to instruct students in the classical physics concepts of kinematics, Newton's Laws of energy and electromagnetism and waves; preparing students to exist in an increasingly technological society. Students develop analytical, problem solving, and laboratory skills.

431	Physics	Credit: 1.0	SHEA - TOLMAN
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This physics course is designed to instruct students in the classical physics concepts of kinematics, Newton's Laws of energy, electromagnetism and waves. The course will prepare students to exist in an increasingly technological society, develop the students' analytical, problem solving, and laboratory skills.

440	Astronomy	Credit: .50	SHEA - TOLMAN
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Prerequisite: Juniors and Seniors Only

This course is a survey of modern astronomy. Topics covered will include: the solar system, galaxies, evolution of stars, black holes, and the methods used to explore these phenomena.

450	Oceanography	Credit: .50	JMW - SHEA - TOLMAN
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Prerequisite: Juniors and Seniors Only

This course deals with the physical, biological, and chemical aspects of our oceans. Examples of some of the topics that will be studied are; ocean geology, weather and climate, coastal science, marine life, ocean pollution, just to name a few. Special emphasis will be placed on our local and regional areas: current research and events will be explored as well as career paths in oceanography.

460	Human Anatomy	Credit: .50	SHEA - TOLMAN
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This course provides students with a comprehensive understanding of the functional anatomy of the human body at macroscopic level. Topics of study include the levels of organization in the human body and the body systems to include the skeletal, muscular, digestive, respiratory and cardiovascular systems. Laboratory work includes dissection of preserved specimens and microscopic study.

SCIENCE DEPARTMENT

461	Human Physiology	Credit: .50	SHEA - TOLMAN
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This course provides students with a comprehensive understanding of the function of the human body. Topics of study include basic biochemistry, and the body systems of the integumentary, endocrine and nervous systems. Students will investigate disease pathologies affecting normal body function.

462	Human Body	Credit: .50	JMW - SHEA - TOLMAN
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This course is designed to introduce students who are interested in biological and medical related fields to the major concepts relevant to those fields. Students will explore the various aspects of the human body and its major organs. Students will build upon their prior knowledge of biological systems and participate in laboratory activities.

463	Environmental Science	Credit: 1.0	JMW - SHEA - TOLMAN
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This course provides students with the foundational understanding of the knowledge and skills to deal effectively with environmental problems such as global warming, acid rain, endangered species, and invasive plants and animals. Students learn a variety of basic laboratory and field techniques. Students also gain a broad awareness of environmental science and technological career opportunities. An emphasis is placed on the development of critical thinking and analytical skills to make a positive impact on the environment.

464	Meteorology	Credit: .50	TOLMAN
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This course is a study of the Earth's weather systems with an emphasis on atmosphere, global wind belts and pressure systems, and precipitation. Topics that will be covered include: how we monitor the weather through local weather stations, radars, and satellites, how the interactions between temperature, air pressure, wind, humidity, and precipitation create our weather, and how to forecast the weather on a daily basis. Other topics include severe weather events, including tornadoes, hurricanes, thunderstorms/lightning, and weather human hazards like global climate change.

465	Advanced Placement Environmental Science	Credit: 1.0	TOLMAN
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Prerequisite: Students enrolled in this course are required to take the AP Exam

The AP Environmental Science course is designed to be the equivalent of a one-semester introductory college course in environmental science. The goal of APES is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

467	Genetics	Credit: .50	SHEA - TOLMAN
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This course provides students with a comprehensive understanding of the science of genetics. Topics include the genetic and molecular basis of heredity and inherited traits, basic and polygenic inheritance, and mutations. They gain insights into both the negative and positive effects of mutations as they investigate the genetic basis of cancer and inherited disorders and explore how mutations increase variation within a population by changing the allelic frequency. Throughout the course, students debate controversial topics in the field, such as stem cell research and genetically modified foods.

483	Forensic Science	Credit: 1.0	JMW - SHEA - TOLMAN
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Forensic Science is the application of science to criminal and civil laws. In this course students will study relevant scientific and technological principles and techniques used to solve crimes. Topics of study include trace evidence analysis, fingerprints, impression evidence, blood spatter analysis, forensic serology, forensic Pathology and forensic document examination. Throughout the course, students will engage in a wide variety of hands-on laboratory activities, as they develop their problem solving and critical thinking skills. Forensic case studies of actual crimes will be reviewed and discussed. Students will use their new skills to work in teams to document, investigate, and analyze evidence to solve an end of course mock crime.

484	Advanced Forensic Science	Credit: 1.0	TOLMAN
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Prerequisite: Students who successfully complete the Forensic Science and Advanced Forensics can earn undergraduate credit at RWU

This course mirrors the forensic science course, but includes more in-depth topics of investigation, including forensic entomology, DNA analysis, arson and explosives, drugs & forensic toxicology, forensic odontology, accident reconstruction and computer forensics. Throughout the course students will compile a personal evidence portfolio.

SCIENCE DEPARTMENT

493	Advanced Placement Chemistry	Credit: 1.0	TOLMAN
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AP Chemistry is a college-level course analogous to General Chemistry 1 and General Chemistry 2. Topics covered include gas laws, kinetics, chemical equilibrium, bonding theory, electrochemistry, thermochemistry, and other general-chemistry topics. Focus is on lab work, analysis, and writing with a great deal of mathematics applications. Fluency with algebra and ability to work independently in and outside of the classroom are strongly recommended

407	PLTW Principles of Biomedical Science	Credit: 1.0	SHEA
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In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

JROTC DEPARTMENT

550	JROTC Leadership Education 1	Credit: 1.0	TOLMAN
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LE1 is the introduction into the U.S. Marine Corps sponsored character and leadership development course primarily focused on teaching personal responsibility and teamwork. This elective will provide the student the basic introduction to JROTC where the cadet will learn to perform basic drill, proper uniform wear once per week and exercise twice per week.

555	JROTC Leadership Education 2	Credit: 1.0	TOLMAN
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LE2 is open to students who have successfully passed LE1 and desire to expand his or her leadership abilities and general military knowledge. The Cadet will be taught leadership techniques and expected to lead LE1 cadets within the classroom and during off campus events. All LE2 students will be held to a higher standard during the weekly uniform inspections and bi-weekly physical exercise training.

560	JROTC Leadership Education 3	Credit: 1.0	TOLMAN
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Prerequisite: Successful completion of JROTC 1 and 2 is required

LE3 stresses the command responsibility of a cadet noncommissioned officer and provides advanced leadership training and exercise of command. Related units include techniques in developing teamwork, small unit leadership and military teaching techniques. Cadets will be required to lead and teach JROTC 2 Cadets.

561	JROTC Leadership Education 4	Credit: 1.0	TOLMAN
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Prerequisite: Successful completion of JROTC 3

This course entails the study of leadership strategies, citizenship, and career planning. This course has an emphasis on American and Marine Corps history in the 20th and 21st Centuries. The 4th year Cadet will gain practical leadership experience by leading first year cadets in physical training, drill and uniform inspections. The 4th year Cadet will also learn methods of instruction by teaching formal classes to first year cadets.

PHYSICAL EDUCATION DEPARTMENT

714	Contemporary Teen Issues and Wellness	Credit: .50	SEHA - TOLMAN
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The goal of this course is to prepare the student, with expanded knowledge and skills, to understand themselves and their place in their communities. Topics include personal fitness, injury prevention, substance abuse, mental health issues, emotional health issues, decision-making skills, communication skills, and healthy relationships. In order to make healthy lifestyle choices that will support an individual's whole "well-being," the information in this class will encourage them to make positive changes in their emotional and physical health behaviors.

880	Physical Education & Health (9 & 10)	Credit: .50	JMW - SHEA - TOLMAN
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The **Physical Education** curriculum focuses on the continuing total growth and development of the individual student. Students actively participate in a variety of practices, activities, and experiences to help achieve and maintain health-enhancing behaviors and to develop skills necessary to perform a variety of physical activities. It includes the development of personal health including physical fitness activities; lifetime sports, including individual, dual and team sports; and recreational and seasonal activities. Healthy competition, teamwork, healthy living, and physical conditioning are strongly emphasized.

Health Education is incorporated into the Physical Education program for all students in grades 11 and 12. The curriculum emphasizes the development of key skills including accessing information, community advocacy, and communication. Topics

PHYSICAL EDUCATION DEPARTMENT

include injury prevention, personal risk assessment, nutrition, and mental and social health. The Health program strives to motivate students to practice health-enhancing behaviors, access information and services, set goals, and make informed decisions. This program also aims to help students understand the importance of health promotion as a foundation for a healthy life.

881	Physical Education and Health (11 & 12)	Credit: .50	JMW - SHEA - TOLMAN
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The **Physical Education** curriculum focuses on the continuing total growth and development of the individual student. Students actively participate in a variety of practices, activities, and experiences to help achieve and maintain health-enhancing behaviors and to develop skills necessary to perform a variety of physical activities. It includes the development of personal health including physical fitness activities; lifetime sports, including individual, dual and team sports; and recreational and seasonal activities. Healthy competition, teamwork, healthy living, and physical conditioning are strongly emphasized.

Health Education is incorporated into the Physical Education program for all students in grades 11 and 12. The curriculum emphasizes the development of key skills including accessing information, community advocacy, and communication. Topics include injury prevention, personal risk assessment, nutrition, and mental and social health. The Health program strives to motivate students to practice health-enhancing behaviors, access information and services, set goals, and make informed decisions. This program also aims to help students understand the importance of health promotion as a foundation for a healthy life.

885	First Aid & CPR - Caring for Athletic Injuries	Credit: .50	SHEA
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This course is designed to incorporate elements of physical training, techniques to avoid injury and caring for injuries when they occur. The student experiences a variety of fitness training activities focusing on proper technique. They also have field experiences caring for and rehabilitating injuries. With an emphasis on hands-on learning, our Red Cross-based First Aid/CPR/AED course will give you the skills to save a life. Certification is issued upon successful completion. CPR: Learn how to respond to cardiac and breathing emergencies in adults. First Aid: Learn how to respond to common first aid emergencies, including burns; cuts; head, neck and back injuries and more.

886	Methods of Personal and Fitness Instruction	Credit: .50	SHEA
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The purpose of this course is to provide students with opportunities to develop an individual optimal level of physical fitness while acquiring knowledge of physical fitness concepts and understanding the significance of lifestyle on one's health and fitness. The content will include, but not limited to, knowledge of the importance of physical fitness, assessment of the health related components of physical fitness, knowledge of health problems associated with inadequate fitness levels, knowledge and application of biomechanical and physiological principles to improve and maintain the health related components of physical fitness, knowledge of safety practices associated with physical fitness including stress management, knowledge of sound nutritional practices related to physical fitness and knowledge of consumer issues related to physical fitness, technology applications, fitness program design, health problems associated with inadequate fitness levels, benefits derived from participation in physical activity.

892	Nursing - CNA	Credit: .50	TOLMAN
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This course is offered to students interested in becoming a nurse, nursing assistant, or working in the healthcare industry. The student experiences a variety of fitness training activities focusing on improving personal fitness levels focusing on the job requirements of individuals in the healthcare industry. Class work includes hands-on practice regarding patient needs, care and safety, taking vital signs, demonstrating and practicing rehabilitation. Students will learn medical terminology and participate in elements to prepare for CNA certification. The student will participate in the Red Cross- First Aid/CPR/AED course with an opportunity for certification.

894	Care and Prevention of Athletic Injuries	Credit: .50	TOLMAN
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This course is designed to incorporate elements of physical training, techniques to avoid injury and caring for injuries when they occur. The student experiences a variety of fitness training activities focusing on proper technique and improving personal fitness levels. The student will explore the basics of skeletal and muscular anatomy and physiology. The student will have hands-on experiences caring for and rehabilitating athletic injuries. The student will participate in the Red Cross- First Aid/CPR/AED course with an opportunity for certification.

896	Fitness and Nutrition	Credit: .50	JMW - SHEA - TOLMAN
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The goal of this course is to prepare the student with the knowledge and skills of fitness training and nutritional facts that will help them as they transition to adult life. Fitness topics will include experiences in personal fitness training, like running, plyometrics and weight training. Nutritional topics will include, but not limited to diets, nutritional supplements and proper hydration.

898	Responding to Emergencies	Credit: .50	TOLMAN
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This course takes an in depth look at first response to emergencies. Students participate in career exploration of police, fire and rescue personnel. Students will explore the topics of emergency preparation, such as extreme heat, extreme cold and other

PHYSICAL EDUCATION DEPARTMENT

natural disasters. The student experiences a variety of fitness training activities focusing on improving personal fitness levels focusing on the job requirements of individuals in the first responder industry. Classroom topics include, but are not limited to Red Cross- First Aid/CPR/AED with an opportunity of certification, NIMS and water safety. This course is recommended for those interested in a career in the healthcare industry or emergency response.

884	Foundations of Healthcare Professions	Credit: 1.0	SHEA
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Foundations of Healthcare Professions is the first course in the Community Health Worker CTE program. The course develops professional written and oral communication plans and addresses the foundation standards including health maintenance, employability skills, teamwork and safety practices to ensure effective patient-centered outcomes between healthcare professionals, patients and caregivers.

BUSINESS DEPARTMENT

600	Financial Literacy	Credit: .50	JMW - SHEA - TOLMAN
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Prerequisite: Qualifies as a mathematics related course

Financial literacy is the ability to use knowledge and skills to manage one's financial resources effectively for lifetime financial security. In this course, the student finds, evaluates, and applies financial information; sets and achieves financial goals; develops income earning and saving potential; uses financial services; meets financial obligations; and builds and protects wealth.

601	Accounting I (EEP)	Credit: 1.0	TOLMAN
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Prerequisite: Qualifies as a mathematics related course; This Early Enrollment Program (EEP) course is offered in cooperation with RI College.

Accounting I is an introduction to basic accounting systems, concepts, methods and applications of GAAP (Generally Accepted Accounting Principles). The course covers the identification, measurement, summarization, and reporting of financial events and their effect on the business enterprise. A general knowledge of accounting will provide students with the background necessary to study finance, management, marketing, financial markets, both profit and non-profit organizations, as well as other related fields.

602	Accounting II	Credit: 1.0	SHEA
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Prerequisite: Introduction to Accounting

Students apply the accounting standards learned in Introduction to Accounting to complete the accounting cycle of a merchandising corporation as well as accounting for a partnership. Accounting II reflects the importance of being able to understand, interpret, and use accounting information to make financial decisions. Students learn about planning and controlling principles used to evaluate the performance of an organization and apply differential analysis and present-value concepts to make decisions. In addition, students develop a working knowledge of employer payroll tax procedures and requirements to comply with tax laws and regulations. During the course, students complete an accounting simulation to reinforce and demonstrate their accounting knowledge.

603	Introduction to Accounting	Credit: 1.0	SHEA
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This course introduces students to the accounting cycle from the original business transaction to closing books at year-end, including the preparation and interpretation of financial statements. Students are introduced to partnership and corporate accounting. They prepare, interpret and analyze financial statements using manual systems for merchandising a business organized as a partnership. This course is beneficial for the future accountant and for careers in many related business fields.

630	Business Management	Credit: .50	SHEA
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This course introduces students to principles of management, emphasizing various leadership styles. Topics include organizational structures, managerial decision-making, business ethics, labor and government regulations, and human resources management.

631	Business Management (EEP)	Credit: 1.0	TOLMAN
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Prerequisite: This Early Enrollment Program (EEP) course is offered in cooperation with RI College.

Business Management approaches business operations from the entrepreneurial and management perspective. This class provides business management concepts and principles in a realistic, investigative, and enriching manner. Functions of business management are covered extensively, including the use of technology and communications as tools of business. Students will enjoy exploring the global dimension of business and possible career opportunities as this class brings the world of business to them.

635	Marketing (Digital, Sports, Entertainment and Fashion)	Credit: 1.0	TOLMAN
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Marketing takes students on a step-by-step journey through the world of marketing and digital marketing. Students encounter and learn about the key functions of marketing and how those functions are applied in the retail, sports, entertainment and fashion

BUSINESS DEPARTMENT

industries. This course provides students with the principles and concepts identified with marketing, and to develop critical thinking and decision-making skills through the application in these fast paced and expanding industries. In addition, this course will give students a general background in digital marketing.

687	Stock Market	Credit: .50	SHEA - TOLMAN
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Prerequisite: Financial Literacy

With an increasing complexity, financial markets exert a powerful presence in our lives and are central to the functioning of our economy. What role does the stock market play and how does it function? What factors govern stock market behavior and lead to market booms and busts? How is the price of a company's stock determined and how does it affect individual investors? This challenging course introduces the basic financial principles necessary to understand the role of the stock market in our economy and in our personal lives. Participants assume the role of money managers in order to gain an understanding of financial markets as they manage their own portfolio of stocks in a session-long stock market simulation game. Stock options and future contracts are added to the portfolio as the managers gain market expertise. Financial theories presented in class lectures, news of current and world events, and analysis of company reports are incorporated as the new money managers develop strategies to test their understanding of the market for stocks.

689	Entrepreneurship	Credit: 1.0	SHEA
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Entrepreneurs are people who attempt to earn money and make profits by taking the risk of owning and operating a business. If you have ever provided a babysitting service or cut someone's lawn, you have already been an entrepreneur! Entrepreneurship introduces students to the skills needed to own/operate a business venture. The curriculum includes entrepreneurial learning experiences developed in conjunction with Johnson and Wales University and guidelines incorporated from the National Foundation for Teaching Entrepreneurship (NFTE) career training program. The goal of this course is to present students with a variety of employment options, stimulate Imagination, and ultimately prepare students to be creative thinkers in their future careers.

690	Economics	Credit: 1.0	JMW
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This course emphasizes analysis of the American economic system as it relates to the individual and other economic systems. Specific units will cover microeconomic issues such as the law of supply and demand, factors of production, and the business cycle. Macroeconomic issues will include money and banking, monetary and fiscal policy, international trade and comparative economic systems. We will be touching on the history of economic thought as well as current economic issues.

691	Banking and Credit	Credit: .50	TOLMAN
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Prerequisite: Qualified as a Mathematics related course

This course presents a survey of the principles and practices of banking and credit in the United States. Students learn about the major functions of banks and other depository institutions, in-house operations and procedures, central banking through the Federal Reserve System and modern trends in the banking industry. The credit component provides an overview of credit functions and operations, including credit risk evaluation, loan creation and debt collection.

692	Financial Planning	Credit: .50	TOLMAN
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Prerequisite: Qualified as a Mathematics related course; Required course for Finance CTE Program

A financial plan is a comprehensive evaluation of an individual's current pay and future financial state by using current known variables to predict future income, asset values and withdrawal plans. Topics include the cost of credit, time value of money, investments, asset allocation, retirement planning and risk management.

695	Finance Internship	Credit: 1.0	TOLMAN
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Prerequisite: Qualified as a Mathematics related course

This is the final step to complete the requirements of the Finance Academy. Students will hone their skills in career planning and preparation, resume writing and job search, workplace practices and etiquette. Students will apply and interview for internships, according to the RI Internship guidelines, at local businesses and firms. A highlighted aspect of the class will focus on the knowledge and skills required to pass the EVERFI Financial Literacy and the related NOCTI exam to gain industry related certifications upon successful completion.

698	Marketing and Management Internship	Credit: 1.0	TOLMAN
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You're hired! Marketing and Management Academy Internship gives students a solid grasp of how to prepare for work and life through career planning, money management, and independent-living techniques. Students will be introduced to some of today's hottest careers in the business field, taught easy-to-remember rules for improving study skills, and they will place a strong emphasis on critical SCANS workplace skills. Special focus will be provided with the tools needed to excel and succeed in both academic and professional business careers. Students will also be given the opportunities for job shadowing and job experience through internships within local businesses in the marketing and management field. Students may earn EVERFI Financial Literacy, National Retail Federation Customer Service and Sales, Quickbooks, and NOCTI General Management Certifications.

BUSINESS DEPARTMENT

833	Event Design	Credit: .50	TOLMAN
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In this course, students will collaboratively plan, design, and promote a local event in the community. Students will also create the script, design scenery, props, and costumes, and provide audio, visual, and lighting effects to influence the overall atmosphere of the event. In addition, students will utilize math skills to create a scaled model floor concept, allocate a budget for production, and construct a marketing plan.

834	Event Production	Credit: .50	TOLMAN
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In this course, students will create and produce a peer-developed plan for a local community event. Students will promote the event through a variety of media outlets, produce scenery, props, and costumes, and organize timelines and assignments for cast and crew. In addition, students will maintain records to ensure the budget is maintained, evaluate the response of the event by collecting data, and create tables and graphs to display that data.

607	Principles of Hospitality and Tourism	Credit: 1.0	SHEA ~ TOLMAN
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Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry.

608	Introduction to Teaching and Learning	Credit: .50	SHEA - TOLMAN
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Students in this course explore the culture of teaching, the role of a teacher, student learning, multicultural and diverse backgrounds, and the influence society has on education and learning. Topics include current learning standards, lesson plan components, the realities of teaching as a career, certification requirements, professional expectations, and an introduction to teaching strategies. This course provides students with the opportunity to explore the field of teaching, reflect on their interest in education, create and present an instructional lesson, and develop connections with other future educators.

FAMILY and CONSUMER SCIENCE DEPARTMENT

716	Culinary Arts I	Credit: .50	SHEA
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In the first year of Culinary Arts the students will learn the basic food service techniques and terminology that will create a strong foundation for the subsequent years. Students will learn basic kitchen safety, sanitation, equipment identification and use, knife skills, cooking methods, weights and measures and culinary math. Students will rotate through different kitchen stations learning basic operating procedures in the production of foods for the school lunch program. Students will learn about kitchen utensils, small equipment, knife skills and basic hot and cold food preparations.

717	Foods of the World	Credit: .50	SHEA
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Students will continue to receive instruction in safety, sanitation and personal hygiene, and will demonstrate sound safety practices. Students will learn about nutrition and dietary needs as well as baking techniques and methods. Basic theory will include a range of equipment identification, fruit and vegetable identification, basic cooking methods, storage and receiving of products, as well as a la carte and convenience foods.

719	Introduction to Fashion Design	Credit: .50	SHEA
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Elements and principles of design as it applies to textiles and apparel. Overview of historical design movements, designers, and design vocabulary.

725	Introduction to Textiles and Apparel	Credit: .50	SHEA
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This course provides a broad spectrum of education in textiles. Students explore the textile arts through varied projects while developing hand and machine sewing skills. Knowledge of fabrics, care and proper use of equipment, and various career opportunities are emphasized. This course prepares the student for a design application in Apparel Construction.

TECHNOLOGY DEPARTMENT

640	PLTW Engineering Essentials	Credit: 1.0	SHEA - TOLMAN
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A NEW experience in PLTW Engineering, Engineering Essentials offers a multidisciplinary approach to teaching and learning foundational concepts of engineering practice, providing students opportunities to explore the breadth of engineering career

TECHNOLOGY DEPARTMENT

opportunities and experiences and solve engaging and challenging real-world problems. By inspiring and empowering students with an understanding of engineering and career opportunities, Engineering Essentials broadens participation in engineering education and the engineering profession.

641	Computer Applications I	Credit: .50	SHEA - TOLMAN
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This computer literacy course introduces students to the basics of word processing, spreadsheets; database applications, and multimedia presentations using Microsoft Office and Google Applications. Students develop an understanding of computer concepts, components and operations through project-based activities.

643	Digital Media and Design	Credit: .50	JMW - SHEA - TOLMAN
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Dare to go beyond the ordinary? Then prepare to unleash your imagination as it relates to digital media and the real world. Students will design magazines, menus, advertisements, brochures, booklets, newsletters, posters, business letterhead, business cards, and much more. Students will use software such as Google sites and other Google applications.

644	Web Design I	Credit: .50	JMW - SHEA - TOLMAN
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Prerequisite: Digital Media and Design

Through a hands-on approach, students study fundamental concepts and terminology of web page design, elements of effective web design, ecommerce web design, ecommerce web sites, picture hyperlinks, and actual website production using various types of software and web design principles. Students survey the web to study the role of web sites in business and society, in information transmission, and in how web pages relate to various audiences today. Students prepare sample and personal web pages as they learn the various elements of web design by using HTML code. Students search the Internet to compare the features and costs of various host sites that allow them to display web pages that they might create outside of class.

645	Web Design II	Credit: .50	JMW - SHEA - TOLMAN
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Prerequisite: Web Design I

Web Design 2 continues the HTML code writing process along with the addition of XML and CSS. The newest language technique developing on the Web is the extensible Markup Language (XML). This course introduces fundamentals of XML languages to define and validate data, use schemas, transformations, linking, and Cascading Sheet Styles (CSS). XML and CSS allow students to create web pages that are more creative and realistic than stand-alone HTML web pages. This course presents Website development techniques using these current Web site editing languages. Students build and publish Web sites containing text, graphics, tables, forms, frames, scripting and site navigation. Students in this class also assist with the school's website.

646	Introduction to Computer Science CS4RI	Credit: .50	TOLMAN
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This course introduces basic computational thinking skills, including an introduction to computer programming. Students will complete several projects, relating to the applications of computers in today's society. No prior computer science experience is required.

647	AP Computer Science Principles	Credit: 1.0	SHEA
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Prerequisite: Students must have successfully completed Algebra I. It is preferred but not required that students have taken an introductory course in computer science. Students enrolled in this course are expected to register and sit for the AP Exam.

AP Computer Science Principles is a full year introduction to computer science for a diverse group of students with different learning styles with a required advanced placement exam at the end of the year. It includes topics such as cryptography, data analysis, creation of technological artifacts (i.e., videos, audio files, spreadsheets), algorithms, and programming. It also takes a look at the impact of advancements in technology on society. This course is a wonderful way to prepare for college courses in computer science or computer programming. Students will earn 4 credits from URI through concurrent enrollment and successful completion of the course. This course is part of CS4RI.

648	Introduction to Computer and Data Science	Credit: .50	SHEA
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Prerequisite: Students MUST be at least a sophomore to enroll in this course. This is a requirement from URI so that students may earn URI credits.

Introduction to Computing & Data Science is a half year introduction to basic computational thinking skills completed through computer programming, Google suite applications and data study. Students will complete several projects including creating a data story and several programs. No prior computer science experience is required. Students will earn 4 credits from URI through concurrent enrollment and successful completion of the course. This course is part of CS4RI.

649	Computer Science Work-Based Learning	Credit: .50	SHEA
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Prerequisite: Students must have been enrolled and been successful in the first semester Introduction to Computing & Data Science course. This course depends upon Shea High School's acceptance into the Rhode Island Department of Education's pilot grant for Computer Science

TECHNOLOGY DEPARTMENT

Programming. Computer Science Work-Based Learning is a course designed for students to complete the 80 hours of work-based learning needed to earn CTE credit for their diploma. This is a companion course to the Introduction to Computing & Data Science course for all those students who are part of the Informational Technology Academy here at Shea High School. Students will work with industry professionals to plan, develop and market an app or website.

662	AP Computer Science A	Credit: 1.0	SHEA
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Prerequisites: Students must have successfully completed Algebra 1 and Geometry. It is required that students have taken AP Computer Science Principles A. Students enrolled in this course are expected to register and sit for the AP exam.

AP Computer Science A is a full year introduction to Java programming for a diverse group of students with different learning styles with a required advanced placement exam at the end of the year. It includes topics such as analysis, writing and testing code through concepts like modularity, variables, and control structures. Students will earn 4 credits from URI through concurrent enrollment and successful completion of the course. This course is part of CS4RI.

702	Wind Energy and Turbine Technology	Credit: 1.0	SHEA
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Prerequisite: PLTW Engineering Essentials and Introduction to Robotics

Wind Energy and Turbine design and build is used to teach engineering principles and familiarize students with careers in engineering and Wind energy. Collaboration and project-based learning are important elements of the program. Working in teams, students design and build wind turbines and associated wind generation equipment. Along the way, they gain a better understanding of everything from engineering notation to kinematics, and engineering and critical thinking skills. Students will participate in turbine construction competitions and be eligible for technical certifications through a partnership with WindWin RI.

749	Pre-Engineering Internship Program	Credit: 1.0	SHEA
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Prerequisite: Required for students in the Pre-Engineering CTE Program; Juniors and Seniors Only

This course is an integral part of the Pre-Engineering Academy. Career pathways and research into the various employment opportunities in the related fields are emphasized and students gain “real-world” job skills crucial to success in the workplace and college/university studies. Students must be accepted by the Pre-engineering Internship Program. Internships are paid and non-paid assignments. Internships are available in the various manufacturing, constructional and engineering companies and businesses throughout Rhode Island and neighboring communities with special emphasis in Wind Energy. These internships allow students to gain experience in their field, enhance their resume, and improve their college application.

756	Introduction to Robotics	Credit: .50	SHEA - TOLMAN
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Prerequisite: PLTW Engineering Essentials

Introduction to Robotics is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots, and 3D design to a lesser degree. Course information will be tied to lab experiments; students will work in groups to build and test increasingly more complex mobile robots culminating in an end-of-semester robot contest. Students will be using the *Lego Mindstorm*, *VEX* and/or *Fischertechnik Robotic Design/Build Systems*. Students will be divided into groups and complete a variety of robot construction and programming activities within the confines of these groups.

757	Advanced Robotics	Credit: .50	TOLMAN
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Robotics Engineering uses robotics to teach basic engineering concepts. The course provides students with a fun and exciting way to learn about Science, Technology, Engineering & Math (STEM) subjects. Students enrolled in the Robotics Engineering course will unlock the power of their imagination by designing and constructing radio-controlled robotic devices that can lift, throw, climb, gather and expand the boundaries of experimental intelligence. By working together to create robots that perform dynamic challenges, students also gain valuable 21st century skills, including teamwork, problem solving, project management and communication.

761	PLTW Introduction to Engineering Design	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: PLTW Engineering Essentials

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

UNIFIED ARTS: DANCE DEPARTMENT

826	The Moving Body	Credit: .50	JMW
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UNIFIED ARTS: DANCE DEPARTMENT

This course is a basic survey course in dance, open to all non-dance majors. Students will learn about and experiment with moving through space while exploring various dance techniques, including modern, jazz, ballet, improvisation, and movement somatic studies such as Yoga and Pilates. The goal is to create comfort and awareness of the body as an instrument.

955	Introduction to Dance Technique	Credit: 1.0	JMW
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Students will work predominantly in the genres of ballet and modern dance at the beginner level. They will learn basic vocabulary while working on musicality, strength building, proper dance alignment, and epaulement. *Progressing Ballet Technique* will be introduced to improve strength and technique, as well as preventing injury. Students will also begin to work on building kinesthetic awareness. Guest artists will be brought in to highlight and expand the students' coursework. At this level, basic Dance Pedagogy will be introduced. *Dance Criticism* will be explored by attending live performances and viewing recordings of masterworks.

956	Intermediate Dance Technique	Credit: 1.0	JMW
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Prerequisite: Introduction to Dance Technique; Permission of Instructor

This course is a continuation of *Introduction to Dance Technique*. Students will learn to apply proper dance alignment in both modern and ballet techniques while developing more advanced skills in both genres. Ballet technique will have a strong focus on consistent use of epaulement, basic classical patterning skills, and strong footwork. Some students may be placed en pointe at the discretion of the teacher. Modern technique classes will push students to develop a personal sense of phrasing while developing their own expression of personal voice. Students will continue to study *Progressing Ballet Technique* to improve strength and technique, as well as preventing injury. Guest artists will be brought in to highlight and expand the students' coursework. Dance Pedagogy will continue to be explored. Students will continue their study of Dance criticism, but it will be assessed on a higher, more analytical level in this course.

957	Advanced Dance Technique A	Credit: 1.0	JMW
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Prerequisite: Intermediate Dance Technique or Permission of Instructor

This course is a continuation of *Intermediate Dance Technique*. Students will work on complex rhythmic patterns and build skills to help them remember and perform extended exercises and combinations. Ballet technique will focus on the *Cecchetti Positions of the Body* and the *Five Cecchetti Arabesques*, along with a strong push for advanced and consistent use of epaulement. Pointe work will be strongly encouraged for most dancers at this level. In modern technique, work will focus on the use of the back, total Kinesphere awareness, and full-body movement/range of motion. At this level, *The Nest Technique* will be introduced, giving students a strong foundation in hybrid dance forms. Students will work on more advanced *Progressing Ballet Technique* exercises to improve strength and technique, as well as preventing injury. Dance Pedagogy will be more fully explored as students will be given the opportunity to design their own dance technique classes. Guest artists continue to be brought in to highlight and expand the students' coursework. The study of Dance Criticism will be polished and refined at this advanced level, and students should be well on their way to fulfilling the *Responding* requirements for portfolio-worthy critiques.

958	Advanced Dance Technique B	Credit: 1.0	JMW
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Prerequisite: Intermediate Dance Technique or Permission of Instructor

In this course, students will continue to focus on the skills introduced in *Intermediate Dance Technique* with a concentration on becoming a well rounded and marketable dancer. Additional focus will be on Dance Pedagogy, as well as the art of standing out from the masses in a large-scale audition or technique class. Students will develop their "dance personality," which will draw their audience to them. Choreography will also be a focus for student expression in this course. Guest artists will be brought in to highlight and expand the students' coursework. Pointe work will be strongly encouraged for most dancers at this level. Students will work on more advanced *Progressing Ballet Technique* exercises to improve strength and technique and prevent injury. *The Nest Technique* will be introduced, giving students a strong foundation in hybrid dance forms. The study of Dance Criticism will be polished and refined at this advanced level, and students should be fulfilling the *Responding* requirements for portfolio-worthy critiques. In addition, students will have the opportunity to explore the elements of concert production, including proposal writing, costuming, auditioning, and rehearsing dancers, as well as all of the technical & administrative aspects of the role of a concert producer. Students will demonstrate proficiency at the end of the course through a self-producing project.

961	Dance Composition	Credit: .50	JMW
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This course focuses on learning the basic tools of dance making and movement invention. Each student will work to find their individual voice while finding solutions to various creative problem-solving experiences provided by the teacher. Since choreography demands inventiveness, judgment, and insight on the part of all participants, students will participate in the many stages of the creative process as both creators and peer-mentors. Students will analyze and discuss choreography and works of art produced by professional working artists, as well as effectively analyze the creative work of fellow classmates. At the completion of this course, students can expect to have fulfilled a number of portfolio-worthy artifacts

UNIFIED ARTS: DANCE DEPARTMENT

962	Dance History	Credit: .50	JMW
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This course is a basic survey of dance history and dance appreciation. It will provide students with a solid background in dance history with a strong focus on the early forms of performing arts in America, early classical dance, and the founders of Modern dance. Students will view, read about, & reconstruct historic dance works & styles, research the roots of dance in America, and study and perform masterworks through the use of the *American Dance Legacy Institutes Repertory Etudes™* packages.

963	Anatomy and Injury Prevention for the Moving Body	Credit: .50	JMW
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This course will give students a basic understanding of anatomy for dancers & other somatic practitioners, as well as a practical understanding of injury prevention and correction. The focus will be on proper dance technique applications for a career in performance or dance education.

UNIFIED ARTS: MUSIC DEPARTMENT

840	Music Appreciation	Credit: .50	SHEA - TOLMAN
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This course is offered to musicians and non-musicians alike, as it is not performance based. Students become more informed listeners through the study of music history, musical instruments, technique and styles. A great deal of this class focuses on listening and responding to music of various instrumentation and from various cultures. Students research composers, investigate the sounds around them and learn about acoustics and concert etiquette.

841	Chorus	Credit: 1.0	JMW - SHEA - TOLMAN
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This is a performance-based course in which students will develop vocal technique, vocal production, music literacy skills, and ensemble skills through singing a wide variety of music from both conservatory and contemporary genres in a 3 or 4 part Mixed Chorus. Performances may include special concerts, school events, and community events throughout the year. Attendance at these performances are mandatory.

844	Survey of Music (EEP)	Credit: 1.0	SHEA
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Prerequisite: This course may be taken in the Early Enrollment Program (EEP) offered through RIC for college credit upon approval.

This course is designed to develop the student's listening abilities and to heighten their interest in music. The goals of the course are to involve the student as an active listener-participant. Lectures, demonstrations, listening and discussions of music elements, forms and stylistic periods in music will occur. Facts and musical thinking are required, but the purpose is to stimulate the student's curiosity, enthusiasm and to develop the love of music. There is a large focus on in-depth readings and writing. This course is ideal for the rising Junior or Senior who is interested in receiving college credit in the arts.

845	Chorus II	Credit: 1.0	TOLMAN
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Prerequisite: Chorus I or permission of the instructor

Offered to students in grades 11 and 12. This performance-based course delves deeper into the art of choral singing. Students will build upon their experience from Chorus I in order to prepare and perform a more challenging selection of vocal music from various genres. Performances may include but not limited to seasonal concerts, school and community events. This course may be repeated.

850	Piano I	Credit: .50	JMW - SHEA
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Students learn basic keyboard skills, including note reading and chords for the piano. A variety of music, including solo, duet, trio and quartet work is available in all styles. Performance opportunities include school concerts, informal performances for the class, and performances for the teacher. No prior experience necessary.

851	Piano II	Credit: .50	SHEA
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Prerequisite: Piano I or permission of the instructor.

Students continue their development of sight reading skills begun in introductory piano. They work with a greater variety and more advanced chords and techniques. Supplemental solo and ensemble materials are provided. Performance is an important part at this level and multiple opportunities are provided.

852	Guitar I	Credit: .50	JMW - TOLMAN
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This is an introductory course offered to students with a desire to learn basic guitar skills. Students learn various techniques of guitar playing in both traditional and modern styles through solo literature, etudes, and ensemble playing. Students also study the history of the instrument, its performers, pioneers and literature.

UNIFIED ARTS: MUSIC DEPARTMENT

853	Guitar Ensemble	Credit: .50	TOLMAN
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Prerequisite: Guitar I or permission of the instructor

This course is for students who have successfully completed Guitar I, or an audition to determine skill level. Guitar Ensemble students will build upon the skills learned in Guitar I and study more intensely both classical and popular guitar styles while focusing on pieces arranged for multiple guitars. Because different skills and pieces will be studied each semester, this course may be repeated for credit

854	Band	Credit: 1.0	TOLMAN
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Prerequisite: Permission of the instructor

This course offers students who already know how to play an instrument an opportunity to rehearse and perform in a group. The Band will perform at school concerts and community events such as Veterans Day, Winter Wonderland, The May Arts Festival, and Graduation. Students must have experience reading music and playing an instrument and complete an audition with the instructor. This course may be taken for more than one semester.

855	Performance Ensemble	Credit: .50	JMW
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This course offers students, who already play an instrument and/or are vocalist, an opportunity to rehearse and perform in a group. The physical makeup of the group is determined by the musicians available and interested during each semester. Students will build the repertoire based on the group make-up. Possible genres will include, but not be limited to jazz, R&B, musicals, show tunes, and contemporary music. Students may also have the opportunity to expand their knowledge on composing/arranging and playing the piano and guitar. Students must have experience reading music, singing, and playing an instrument and complete an audition with the instructor. Students will be required to perform at various after school events throughout the year.

864	AP Music Theory Part II	Credit: 1.0	JMW
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Prerequisite: Senior students enrolled in this course are expected to register and sit for the AP exam; For JMW Students, course completion counts for approved CCRI Credit in Music 1060: Music After 1750 for students attending CCRI after graduation.

Continuation of Intermediate Music. Music literature to include basic three and four-part voice leading, figured bass, and harmonic analysis. Students' sight-singing and dictation will be dependent on the study of coursework and will include minor tonalities. Continued studies on piano students should be able to use one of the instruments to perform basic chord progression developed from their music literature. Students are required to study privately on their particular instrument/voice with a reputable instructor. Students should start developing a performance repertoire for college auditions. Vocalists should have prepared an English, Italian, French, Spanish, and/or German Art song from the 15th century to the present time. Instrumentalists should also have at least two major pieces with multiple movements from the same time period. Students will also use The Concise History of Western Music to study Classical to Modern Times (Ch 13-24); one major research paper is required. Students taking this course in their Senior year will prepare to take the AP Music Theory Exam in the Spring, along with preparations and performances for a Senior Recital.

940	Songwriting and Music Production	Credit: .50	JMW - SHEA
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Music creators today are increasingly expected to have a versatile skills set that combines songwriting and music production. This course is designed to give you an introduction to thrive in this multi-dimensional environment by strengthening your songwriting skills while also developing your ability to record and mix professional-sounding music using Pro Tools. Students will explore the role of the producer, how to get the best sounds from your DAW, and techniques for recording vocals and producing the voice, with an emphasis on capturing the proper emotion of a performance as the art of mixing to enhance the quality of recordings. No prior experience writing songs is required.

945	Music Foundations	Credit: 1.0	JMW
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Prerequisite: For JMW students, course completion counts for approved CCRI Credit in Music 1010: Foundations in Music for students attending CCRI after graduation.

This is a beginning study in music literacy, terminology, major scales and triads, diatonic intervals, sight-singing and melodic dictation. All students, regardless of instrument, will be required to learn piano and develop vocal technique. Students are required to study privately on their particular instrument/voice with a reputable instructor. Students will give formal and informal performances in and outside the classroom and are expected to give constructive criticism to their peers as well as reflective responses for their portfolio. The emphasis of study for the first year will be based on the student's interest in contemporary music with the understanding that by the end of the first year the student will begin developing repertoire based on the teacher's recommendation.

946	Intermediate Music	Credit: 1.0	JMW
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Continuation of Music Foundations. Music literature to include minor scales, chord inversions, 7th chords, the study of church modes, and basic harmonic analysis. Students' sight-singing and dictation will be dependent on the study of coursework.

UNIFIED ARTS: MUSIC DEPARTMENT

Independent study of piano and skills will continue on a once-a-week basis, emphasizing home practice. Students are required to study privately on their particular instrument/voice with a reputable instructor. Students' development of instrumental/voice will consist of continued formal and informal performances with an emphasis on at least four major works in a conservatory-style.

947	AP Music Theory Part I	Credit: 1.0	JMW
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Prerequisite: For JMW Students, course completion counts for approved CCRI Credit in Music 1050: Music Before 1750 for students attending CCRI after graduation.

Continuation of Intermediate Music. Music literature to include basic three and four part voice leading, figured bass and harmonic analysis. Students' sight singing and dictation will be dependent on the study of coursework and will include minor tonalities. Continued studies on piano students should be able to use one of the instruments to perform basic chord progression developed from their music literature. Students are required to study privately on their particular instrument/voice with a reputable instructor. Students should start developing a performance repertoire for college auditions. Vocalists should have prepared an English, Italian, French, Spanish, and/or German Art song from the 15th century to present time. Instrumentalists should also have at least two major pieces with multiple movements from the same time period. Students will also use The Concise History of Western Music to study Antiquity to early Baroque (Ch 1-12), one major research paper is required. Students taking this course in their Senior year will prepare to take the AP Music Theory Exam in the Spring, along with preparations and performances for a Senior Recital.

834	Intermediate Chorus	Credit: 1.0	JMW
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This is a performance-based course for students who have successfully completed one year of Chorus and wish to continue to develop vocal technique, vocal production, music literacy skills, and ensemble skills through singing a wide variety of music from both conservatory and contemporary genres in a 3 or 4 part Mixed Chorus. This course prepares students for more independent rehearsal practice with sectional work and small group settings in preparation for full group performances. Performances may include special concerts, school events, and community events throughout the year. Attendance at these performances are mandatory.

835	Advanced Chorus	Credit: 1.0	JMW
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This is a performance-based course for students who have successfully completed both Chorus and Intermediate Chorus course and wish to continue to develop vocal technique, vocal production, music literacy skills, and ensemble skills through singing a wide variety of music from both conservatory and contemporary genres in a 3 or 4 part Mixed Chorus. This course prepares students for more independent rehearsal practice with sectional work and small group settings in preparation for full group performances. Students also participate in repertoire selection and the ability to perform solo sections. Performances may include special concerts, school events, and community events throughout the year. Attendance at these performances are mandatory.

836	Honors Chorus	Credit: 1.0	JMW
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This is a performance-based course for students who have successfully completed Chorus, Intermediate Chorus, and Advanced course and wish to further develop vocal technique, vocal production, music literacy skills, and ensemble skills through singing a wide variety of music from both conservatory and contemporary genres in a 3 or 4 part Mixed Chorus. This course requires students to act as sectional leaders. As a sectional leader, the student must be able to teach vocal parts through the aid of piano accompaniment, warm up the sectional with appropriately prepared material, and manage the chorus repertoire by collecting and accounting for all scores. Performances may include special concerts, school events, and community events throughout the year. Attendance at these performances are mandatory.

845	Percussion	Credit: .50	SHEA
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The purpose of this course is to introduce and develop the basic techniques of music reading, and percussion playing, specifically as it relates to the snare drum. We will explore listening, and develop skills needed to perform basic drum cadences as a class.

UNIFIED ARTS: THEATER DEPARTMENT

821	Introduction to Theater	Credit: .50	JMW
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Students become acquainted with various areas of theater: acting, basic technology, theater etiquette, movement, vocalization, and basic theater history. Students gain a general knowledge of basic theater arts and an appreciation of theater arts as an enjoyable activity. In-class performance and active class participation will be implemented. Students are assessed through in-class performances in terms of both end product and in-process preparation.

838	Introduction to Playwriting	Credit: .50	JMW
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This class introduces students to the concepts of dramatic writing, with emphasis on character and structure. Students will develop original plays that will be presented as staged readings.

UNIFIED ARTS: THEATER DEPARTMENT

901	Dramatic Literature	Credit: .50	JMW
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This class introduces students to the rich history of Western dramatic literature, beginning with its origins in classical Greece and ending with its diverse contemporary forms. Students will also learn to analyze and write about dramatic literature. (Reading intensive)

949	Non Western Theater	Credit: .50	JMW
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This class will provide a broad introduction to several traditions of non-western drama and theatrical practice including Kabuki, Noh, West African Storytelling, Wayang Puppetry and Beijing Opera.

976	Theaterworks	Credit: .50	JMW
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This class will provide students with a theoretical and practical understanding of the theatrical process as well as to develop critical standards and increase the enjoyment of theater as an art. Students will explore various plays theater jobs for non-actors

990	Introduction to Script Analysis	Credit: .50	JMW
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A study of dramatic structure and methods of script analysis as a preparation for writing, directing, designing, performing, and criticizing plays. (Writing Intensive)

993	Theater History	Credit: .50	JMW
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This class will survey the history of theatre, from its origins in Ancient Greece through to theater in the 20th century. Students will read/view a variety of plays, explore period styles of acting, and develop a monologue and scene selection from a wide variety of historical eras.

998	Introduction to Audition Technique	Credit: .50	JMW
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A practical course that helps the student investigate, select, and prepare audition material appropriate to the individual and the audition call. The course includes exercises in handling "cold" readings and in learning to look at auditions from the casting director's point of view.

848	Introduction to Acting	Credit: .50	JMW
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This class focuses on the elements which are the foundations of acting. Its emphasis is on the actor's instrument: body, voice, intellect, and the resources in creating the role. These are explored through a series of acting exercises involving concentration, energy, sensory awareness, rhythm and imagination. The class includes discussion of theory and practice, an introduction to physical and vocal warm-ups, and basic scene work.

849	Introduction to Scene Study	Credit: .50	JMW
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An exploration of the actor's process and what it means to develop your own process of character development. Based on circumstances pulled from the playwright's text, we will go through the steps needed to create a fully developed and well-rounded character. You will learn how to apply text work to the emotional and physical life of the character, and you will learn how to discover this through preparation and rehearsal.

858	Classic Scene Study	Credit: .50	JMW
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In a workshop setting, students will read, explore, and act scenes/monologues from Classical plays. They will present a minimum of three fully prepared, rehearsed scenes. Plays will be selected from Ancient Greece through the 1800s. Students will learn to analyze and develop an understanding of the playwrights' craft as it applies to character objectives and actions.

861	Theater Seminar	Credit: .50	JMW
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This class is a laboratory for the exploration, development, and synthesis of all the elements of theater. This hands-on experience for students includes playwriting, devising, managing, producing, acting, stage design, lighting, sound, costumes, makeup, stage management, house management, assistant directing, understudying, etc.

862	Introduction to Improvisation	Credit: .50	JMW
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Students will explore the fundamental principles of improvisation through exercises in agreement, commitment, spontaneity, and listening. No prior performance or improv experience is necessary. Classes build upon one another, allowing beginner improvisers to grow and be challenged at a comfortable rate.

UNIFIED ARTS: VIDEO and FILM PRODUCTION DEPARTMENT

974	Narrative and Documentary Film	Credit: .50	JMW
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This course provides a progressive, project-based video media program that builds on the skills learned in Film Appreciation and Intro to Video Production. Students will work both individually and in groups in the productions of video and new media projects. Students experience the creative and technical elements of film-making in the three stages of project creation: pre-production, production and post-production. There will be an emphasis on project management, oversight and methods of distribution.

977	Introduction to Video Production	Credit: .50	JMW
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This course provides a project based video media program which guides students to achieve the standards in the Arts, A/V Technology & Communications Career Cluster of the Career and Technical Education programs, by providing students with technical instruction and practical experiences for aspiring video and filmmakers in the production of film, video, audio and new media projects. Students will experience both the creative and technical aspects of film-making in conjunction with learning about historical and contemporary traditions. Students will be instructed on the three stages of production.

978	Film History	Credit: .50	JMW
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This course is an introduction to film history covering the periods from 1895-present time. Students will study the major industrial, technological, aesthetic, and cultural developments in motion picture history. Topics will include the invention of motion pictures, the establishment of a film industry and audience, the narrativization of film, developments in the use of cinematic technique, the history of theatrical film exhibition, the establishment of national cinemas, the ideas of film as art, changing notions of cinematic realism and its alternatives, and technological innovation.

979	Production Techniques	Credit: 1.0	JMW
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This course provides a progressive, project-based video media program that builds on the skills learned in *Film Appreciation* and *Introduction to Video Production*. Students will work both individually and in groups in the productions of video and new media projects. Students experience the creative and technical elements of film-making in the three stages of project creation: pre-production, production and post-production. There will be an emphasis on project management, oversight and methods of distribution.

999	Advanced Narrative Production	Credit: 1.0	JMW
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Building upon what students have learned in Film Appreciation, Production Techniques, and Studio Production, they will create and independently produce original films using industry-standard equipment over the course of each semester. This will require long-term planning, organization, communication, and technical and artistic skills.

863	Film Appreciation	Credit: .50	JMW
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Film appreciation focuses on teaching students how to recognize and analyze the narrative and visual elements of film. This course illustrates the literary context of film's expressive potential, while also focusing on artistic styles. Students will get a chance to understand the basic elements of creating a film, and get the chance to examine how industry critics analyze, critique, and determine what makes a film exceptional.

865	Studio Production	Credit: 1.0	JMW
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Studio Production is a course that focuses on creating full-scale studio media production. Students will have the opportunity to use studio equipment to create their own unique talk show. This collaborative capstone course gives students the chance to use their artistic vision to produce a reoccurring show of their choice. Students will expand on the scheduling, structure, and industry management taught in the production techniques course to create a more immersive, structured, and scheduled episodic series that consist of artistic segments, sit-down interviews, and uses of modern technological strategies such as live streaming.

866	Special Effects	Credit: .50	JMW
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Special Effects focuses on the alteration of photo and video imagery. Students will have the opportunity to practice video manipulation through an intense study of analyzing 3D elements, dissecting imagery, and tampering with digital reality through the post-production techniques practiced in the industry. Students will also have the opportunity to earn college credit in this course through the URI concurrent enrollment program.

867	Client Media Production	Credit: .50	JMW
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This course focuses on creating dedicated content for a specific group or individuals. Students will have the opportunity to choose a client or brand that is in need of a commercial, interview, infomercial, or portfolio project. Students will get a chance to use advanced audiovisual equipment to create professional content while also building their own personal portfolio in representation for themselves.

UNIFIED ARTS: VIDEO and FILM PRODUCTION DEPARTMENT

868	Media Advertising	Credit: .50	JMW
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Media Advertising focuses on film advertisement in a modernized environment. Students will learn film and advertising techniques through modern practice and focus on making content for dedicated platforms. This course will elaborate on the difference between traditional advertising and modern commercials.

869	Film Technique Implementation and Literary Interpretation	Credit: .50	JMW
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This course focuses on film as a literary genre. Students will explore leading film genres, including comedy, drama, romance, musical/dance, mystery, science fiction/fantasy, biopic, and documentaries. They will observe and analyze the tools, techniques, and literary elements filmmakers use to create these genres. Readings will include works of short fiction, social history, and filmmaking articles. Students in this course are required to complete an extended multi-media

UNIFIED ARTS: VISUAL ART DEPARTMENT

800	Art 9: Methods and Materials	Credit: .50	SHEA - TOLMAN
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This course is designed as a foundation for all other visual art courses. Students are introduced to a variety of art making processes and materials, with an emphasis on developing skills in two-and three-dimensional design.

806	Fundamentals of 2D and 3D Design	Credit: .50	SHEA - TOLMAN
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This course emphasizes the design process from start to finish, taking an idea from a rough sketch all the way to a fully designed 3D form. Students produce creative abstract forms as well as functional objects.

808	Color and Anatomy	Credit: 1.0	JMW
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Color and Anatomy will teach sophomore students to paint and create a foundation of knowledge of the human figure which will be elaborated upon in the junior year. The first half of the year will be devoted to color theory and painting in acrylics and watercolor. Still-life and master copies will be the subject as students learn to mix color, apply paint, and understand value. Students will learn investigative drawing by examining bones and learning human anatomy through lectures and study of the human skeleton. The second semester will be devoted to portraiture. This intense exploration is designed to get students over "face fear" and will involve drawn, painted and sculpted heads.

810	Digital Photography I	Credit: .50	JMW - SHEA - TOLMAN
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This course introduces students to the basics of digital photography hardware including camera operation, photographic composition principles, and beginning computer interface. Students explore image editing software applications. Emphasis is placed on the tools and techniques of the professional photographer.

811	Digital Photography II	Credit: .50	JMW - SHEA - TOLMAN
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Prerequisite: Successful completion of Digital Photography I

This course builds on the knowledge and skills acquired in Digital Photography I by applying previous learned methods toward more advanced application of the tools and techniques of the professional photographer. Emphasis will be placed on creating works of art transforming elements in photos.

813	AS Studio Art	Credit: 1.0	TOLMAN
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Prerequisite: Successful completion of Arts Methods, 2D 3D Design or Drawing or permission of the instructor.

This course is offered to students who are interested in pursuing a rigorous course of study in the visual arts. Students will work in a variety of media while developing their ability to visually communicate advanced ideas and concepts. Emphasis will be placed on building skills necessary in demonstrating a strong, personal artistic voice. Students interested in developing a portfolio with college acceptance as a goal are strongly encouraged to enroll.

814	AP Studio Art	Credit: 1.0	JMW - TOLMAN
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Prerequisite: Successful completion of Arts Methods, 2D 3D Design or Drawing or permission of the instructor.

This course is offered to students who are interested in developing a portfolio aligned with the College Board AP syllabus with the goal of presenting for college placement. Students will work either 2 dimensionally or 3 dimensionally to develop an individual language for visual communication as well as a more focused understanding of specific methods and materials in the visual arts. Students will complete at least two major projects per quarter culminating in a portfolio of work demonstrating their personal artistic vision. Students with an interest in a career in the visual arts are strongly encouraged to enroll.

UNIFIED ARTS: VISUAL ART DEPARTMENT

815	Drawing I	Credit: .50	SHEA - TOLMAN
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This course introduces students to various drawing techniques and materials. Emphasis is on basic skills such as composition, value, and line. Media, such as pencil, charcoal, pen and ink, and pastel are used while working on a variety of subject matter.

816	Drawing II	Credit: .50	SHEA - TOLMAN
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Prerequisites: Drawing I or permission of the instructor

In Drawing II, students build on knowledge and skills acquired in the introductory drawing course. Students work from direct observation as well as invented images while incorporating advanced design principles such as figure/ground relationships. References to historic and contemporary drawing are integrated in all tasks.

817	Painting and Design	Credit: .50	SHEA - TOLMAN
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Prerequisite: Introduction to Art I, Art II, Drawing or permission of the instructor

In this course students learn basic studio techniques in painting such as pictorial composition and color theory. While working with a range of subject matter, students use several media including tempera, acrylic, and watercolor. Each student is encouraged to develop their own visual vocabulary while studying the styles and techniques of the masters.

818	Comic Illustration	Credit: .50	JMW
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This is a course about visual storytelling through sequential panels (comics), and animation. No expertise in drawing is required. This course is open to all students. This course will look at the work of professional illustrators and animators, covering a variety of story genres. Techniques for story-boarding and non-linear story creation will be covered so students can access their original voice. Techniques for inking, adding text in illustrator, and the basics of Adobe Premiere editing software will be taught.

820	Independent Studio Art	Credit: .50	SHEA
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Prerequisite: Juniors and seniors only who have already demonstrated proficiency in visual arts and are looking for an opportunity to continue with a rigorous course of study or permission of the instructor

In Independent Art Studio, a student must select one area of concentration from those offered in the department. Working with a mentor teacher, the student writes and submits a proposal for advanced work in their chosen area of study. Students develop a portfolio of their work for final assessment and/or for college admission. This course is highly recommended for students interested in pursuing a career in the visual arts.

823	Art History I	Credit: .50	JMW
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In this course students will study western art history from the prehistoric cave paintings to Roman art. The class will alternate between a traditional lecture/test format and creative projects to gain a deeper understanding of the artwork in context. Students will learn how to speak and write about art history through the creation of research based presentations and papers.

824	Art History II	Credit: .50	JMW
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In this course students will study western art history from early Christian to modern art. The class will alternate between a traditional lecture/test format and creative projects to gain a deeper understanding of the artwork in context. Students will learn how to speak and write about art history through the creation of research based presentations and papers.

837	Materials and Techniques	Credit: 1.0	JMW
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Materials and Techniques is a yearlong studio arts class designed to impart a foundation of skills and vocabulary which students will build on their entire career at JMW. We will focus on observational drawing of still-life objects. Still-life subjects will increase in difficulty as skills to express proportion, perspective, light and shade, and composition are mastered. Students will learn processes for positive block printing and intaglio printing as well as techniques for carved and modeled sculpture. Talking and writing about art will be required in critiques of student and professional work. All students will be provided with a sketchbook that will be collected every three weeks for a grade. The sketchbook is a place for exploration, spontaneity, and experimentation. Individual feedback will be given on each sketchbook entry

846	Ceramics I	Credit: .05	JMW - SHEA - TOLMAN
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This course offers the student a basic understanding of hand-building techniques in clay. Fundamental glazing and surface decoration techniques are demonstrated and applied to both sculptural and functional forms.

847	Ceramics II	Credit: .50	SHEA - TOLMAN
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Prerequisite: Ceramics I

This course is a continuation of Ceramics I. Alternative methods of glazing and firing practiced in other cultures will be introduced

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and applied to both sculptural and functional forms.

927	Landscapes, Interiors and Figures	Credit: 1.0	JMW
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Students will start the year taking advantage of the warm weather to try open-air painting, exploring the traditions of the impressionists. Students will learn to edit the immense detail and complexity of the outdoors to the essentials for communicating their personal experiences. Students will go on to learn the rules of perspective and depict complex architecture and interior spaces. Midyear we will connect the anatomy learned in the sophomore year to the actual body. By the end of the section, students will be able to draw a believable figure in any position from their imagination or from life. The class will culminate in large scale painting where students will place the figure in an environment (interior or exterior).

968	Sculpture	Credit: .50	JMW
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This semester-long course will teach the fundamentals of figure/portrait sculpture and plaster casting. Students will learn how to build an armature and work from photographs, drawings, and the live clothed model to sculpt a 14" figure in class. Students will also sculpt and cast a portrait bust. No prior art experience is necessary.

973	Animation	Credit: .50	JMW
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Making pictures move began with zoetropes and flipbooks. Today animation is most often made on computers with 3D modeling software like Maya and Blender. In this class, we will make animatics, GIFs, stop motion animation, hand-drawn cell animation, and some 3D animation.

982	Portfolio and Public Art	Credit: 1.0	JMW
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Senior year will begin with portfolio preparation for art college admissions. Once students have their admissions portfolios in order, we will explore the world of site specific art for the public. Students will design murals and sculptures for sites in the community. The process of writing proposals and budgets for public arts contests and grants will be covered. Students will learn techniques for creating scale models and enlarging and will work with guest artists who concentrate on public art. Students will work individually and in groups where teamwork and compromise are necessary to project advancement.

871	Creative Process	Credit: .50	SHEA
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Creative Process has a focus on refining skills and techniques, while continuing to grow and develop creative thinking skills and making personal choices while making art. Student Artists will be encouraged to experiment, take risks, and better define their personal aesthetic (what is beautiful/important to you and why?). Through intentional work and discussions centered on the Principles of Design as well as the Artist Habits of Mind, Student artists will gain the ability to clearly understand their creative process.

872	Graphic Design	Credit: .50	SHEA
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This course introduces students to photo editing, logo creation, type design and layout. Students utilize digital and hand-made design tools to develop an understanding of digital media, marketing strategies, and graphic communication.

873	Drawing and Storyboarding	Credit: .50	JMW
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The first visual expression of a film project is the storyboard. This course will teach an array of drawing techniques that will make drawing storyboards accessible to anyone. Working from direct observation, we will focus on gesture, form, and light with traditional mediums, including pencil, charcoal, and ink. Techniques for photo collage and digital illustration will also be covered.

874	Life Drawing	Credit: .50	JMW
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This class will be devoted to observational drawing of the figure and portrait. We will work from the live clothed model. Techniques for capturing the gesture, form, anatomy, light, and shade will be taught. We will work in pencil, charcoal, ink, and marker.

WORLD LANGUAGE DEPARTMENT

511	Spanish I	Credit: 1.0	JMW - SHEA - TOLMAN
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Target Proficiency Level: ACTFL Novice Mid

In the first level of Spanish students are introduced to the sound system with listening and oral practice receiving major emphasis. Basic reading and writing skills are established, and a systematic approach to the structure of the language is used. Oral presentations are a course requirement.

WORLD LANGUAGE DEPARTMENT

512	Spanish II	Credit: 1.0	JMW - SHEA - TOLMAN
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Target Proficiency Level: ACTFL Novice High

In the second level, Spanish skills taught in the first level are refined. Listening, oral practice, and basic writing are continued in order to increase the student's command of the language. Increased emphasis is placed on cultural reading and proficiency in self-expression. Oral presentations are a course requirement.

513	Spanish III	Credit: 1.0	JMW - SHEA - TOLMAN
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Target Proficiency Level: ACTFL Intermediate Low

In the third level of Spanish, emphasis is placed on the technical aspects of sentence structure to increase oral proficiency and writing skills as a means of self-expression. Spanish literature is introduced in order to develop skills in reading for basic understanding, analysis and interpretation. Oral presentations are a course requirement.

514	Advanced Placement Spanish Literature and Culture	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Students enrolled in this course are required to take the AP Exam; Target Proficiency Level: ACTFL Advanced Low

The AP Spanish Literature and Culture course is designed to provide students with a learning experience equivalent to that of an introductory college course in literature written in Spanish. It introduces students to texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature while providing opportunities for students to demonstrate their proficiency in Spanish outlined in the *Standards for Foreign Language Learning in the 21st Century*. This course is taught almost exclusively in Spanish and prepares students to take the SAT II in Spanish and/or the Advanced Placement in Spanish in Literature and Culture in order to obtain possible college Credit. For Shea students, this course may also be taken in the Early Enrolment Program (EEP) offered through Rhode Island College for college credit upon approval.

515	Advanced Placement Spanish Language and Culture	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: For Shea students, this course may also be taken in the Early Enrolment Program (EEP) offered through Rhode Island College for college credit upon approval; Students enrolled in this course are required to take the AP Exam; Target Proficiency Level: ACTFL Intermediate High

The AP Spanish Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. This course prepares students to take the SAT II in Spanish and/or the Advanced Placement in Spanish in Language and Culture in order to obtain possible college Credit.

517	Spanish III AS	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Spanish II or Placement Exam; Target Proficiency Level: ACTFL Intermediate Low

This course continues to strengthen the listening, reading, writing, and speaking skills developed in the first two years of Spanish. Linguistic skills are reinforced through grammar, guided and creative compositions, and oral exercises in which students express original ideas. Students are introduced to a variety of Spanish history and short literary selections to strengthen reading skills.

521	Portuguese I	Credit: 1.0	SHEA - TOLMAN
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Target Proficiency Level: ACTFL Novice Mid

In the first level of Portuguese there is an introduction to the sound system with listening and oral practice receiving major emphasis. Basic reading and writing skills are established, and a systematic approach to the structure of the language is used. Oral presentations are a course requirement.

522	Portuguese II	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Portuguese I; Target Proficiency Level: ACTFL Novice High

In the second level of Portuguese there is a refining of skills taught in the first level of Portuguese. Listening, oral practice, and basic writing are continued in order to increase the student's command of the language. Increased emphasis is placed on cultural reading and proficiency in self-expression. Oral presentations are a course requirement.

523	Portuguese III	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Portuguese II; Target Proficiency Level: ACTFL Intermediate Low

In the third level of Portuguese emphasis is placed on the technical aspects of sentence structure to increase oral proficiency and writing skills as a means of self-expression. Portuguese literature is introduced in order to develop skills in reading for basic understanding, analysis and interpretation. Oral presentations are a course requirement.

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524	Portuguese IV	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: For Shea students, this course may also be taken in the Early Enrolment Program (EEP) offered through Rhode Island College for college credit upon approval; Students enrolled in this course at Shea are required to take the AP Exam; Target Proficiency Level: ACTFL Intermediate Mid

In the fourth level of Portuguese, emphasis is focused on communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness.

531	Chinese I	Credit: 1.0	SHEA - TOLMAN
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Target Proficiency Level: ACTFL Novice Mid

Designed for students with no background knowledge in Mandarin Chinese, this course provides integrated training in speaking, listening, reading and writing with special attention given to communication skills. The course introduces familiar topics in Chinese in daily life settings, such as greetings, family, and making appointments. Through proficiency-oriented and task-based instruction, students will gain knowledge in Chinese as well as confidence in expressing themselves in most common aspects of daily life.

532	Chinese II	Credit: 1.0	SHEA - TOLMAN
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Target Proficiency Level: ACTFL Novice High

This course is designed for students with Chinese I (Part I) background knowledge in Mandarin Chinese. The course provides integrated training in speaking, listening, reading and writing with special attention given to communication skills. The course introduces Part II familiar topics such as Chinese hobbies, school life, and shopping. Through proficiency-oriented and task-based instruction, students will develop functional language ability in the Mandarin language as well as the development of confidence in expressing themselves, asking and answering questions concerning everyday life situations.

533	Chinese III	Credit: 1.0	SHEA - TOLMAN
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Target Proficiency Level: ACTFL Intermediate Low

This course provides students with integrated training in speaking, listening, reading and writing. Through proficiency-oriented and task-based instruction, students will gain knowledge in Chinese as well as confidence in expressing themselves in the most common aspects of daily life in speaking and writing.

534	Chinese IV	Credit: 1.0	SHEA - TOLMAN
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Target Proficiency Level: ACTFL Intermediate

This course is designed for students that have completed levels I, II and III of Mandarin Chinese or have taken an equivalency test. Through proficiency-oriented and task-based instruction, students will continue to develop communication skills as well as a different perspective for everyday life in the Chinese Speaking World.

812	Creative Learning in Chinese	Credit: .50	SHEA - TOLMAN
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Students will understand Chinese culture and language through creative Chinese calligraphy, proverb/poem and Chinese brush-painting. Students will learn Chinese characters by writing on rice-paper calligraphy; create Chinese painting based on the meaning of what they read and understanding of poems in Chinese. Hands-on expression and visual art environment stimulated students' vocabulary, command of syntax, and use of metaphor, analogical reasoning, hypothetical thinking, and problem solving skills.

525	Advanced Chinese	Credit: 1.0	SHEA
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This course provides students with integrated learning in speaking, listening, reading and writing. Through proficiency-oriented and task-based instruction, students will gain knowledge in Chinese as well as confidence in expressing themselves in the most common aspects of daily life in speaking and writing.

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911-A9 911-B9	English Language Arts 9 - MLL 1/2	Credit: 1.0	SHEA - TOLMAN
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This class is designed for students who have had little or some formal schooling experiences in their native language, and have limited proficiency in the English language (Level 1 and Level 2). This course will provide students with extended literacy intervention and strong language development as they study text and grammatical structures. Visuals, graphics and adapted texts will be used to support student learning. Level 1 students are expected to develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge in the areas of fiction, non-fiction, poetry and drama. Level 2 students are expected to further develop functional and academic language skills in the areas of listening,

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speaking, reading and writing as they gain content knowledge on the works of various authors and text. Students will continue to develop reading skills and write extended pieces about concepts related to the academic content and language of selected texts. Scaffolding strategies for English language learners and adapted texts will be used to support student learning.

921-A10 921-B10	English Language Arts 10 - MLL 1/2	Credit: 1.0	SHEA - TOLMAN
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This class is designed for students who have had little or some formal schooling experiences in their native language, and have limited proficiency in the English language (Level 1 and Level 2). This course will provide students with extended literacy intervention and strong language development as they study text and grammatical structures. Visuals, graphics and adapted texts will be used to support student learning. Level 1 students are expected to develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge in the areas of fiction, non-fiction, poetry and drama. Level 2 students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge on the works of various authors and text. Students will continue to develop reading skills and write extended pieces about concepts related to the academic content and language of selected texts. Scaffolding strategies for English language learners and adapted texts will be used to support student learning.

931-A10 931-B10	English Language Arts 11 - MLL 1/2	Credit: 1.0	SHEA - TOLMAN
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This class is designed for students who have had little or some formal schooling experiences in their native language, and have limited proficiency in the English language (Level 1 and Level 2). This course will provide students with extended literacy intervention and strong language development as they study text and grammatical structures. Visuals, graphics and adapted texts will be used to support student learning. Level 1 students are expected to develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge in the areas of fiction, non-fiction, poetry and drama. Level 2 students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge on the works of various authors and text. Students will continue to develop reading skills and write extended pieces about concepts related to the academic content and language of selected texts. Scaffolding strategies for English language learners will be used to support student learning.

941-A12 921-B12	English Language Arts 12 - MLL 1/2	Credit: 1.0	SHEA - TOLMAN
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This class is designed for students who have had little or some formal schooling experiences in their native language, and have limited proficiency in the English language (Level 1 and Level 2). This course will provide students with extended literacy intervention and strong language development as they study text and grammatical structures. Visuals, graphics and adapted texts will be used to support student learning. Level 1 students are expected to develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge in the areas of fiction, non-fiction, poetry and drama. Level 2 students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge on the works of various authors and text. Students will continue to develop reading skills and write extended pieces about concepts related to the academic content and language of selected texts. Scaffolding strategies for English language learners will be used to support student learning.

905	English Language Arts 9 - MLL 3/4	Credit: 1.0	SHEA - TOLMAN
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Students in this class have completed MLL 1/2-Language Arts coursework or have attained a Level 3 or Level 4 ACCESS score. This course will provide students with continued literacy intervention and language development support as they study text and grammatical structures. Scaffolding strategies for English language learners may be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they deepen their content knowledge of selected texts and novels. Students will continue to learn to read and write extended pieces about concepts related to various authors and texts.

907	English Language Arts 10 - MLL 3/4	Credit: 1.0	SHEA - TOLMAN
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Students in this class have completed MLL 1/2-Language Arts coursework or have earned a Level 3 or Level 4 ACCESS score. This course will provide students with continued literacy intervention and language development support as they study text and grammatical structures. Scaffolding strategies for English language learners may be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they deepen their content knowledge of selected texts and novels. Students will continue to learn to read and write extended pieces about concepts related to various authors and texts.

908	English Language Arts 11 - MLL 3/4	Credit: 1.0	SHEA - TOLMAN
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Students in this class have completed MLL 1/2-Language Arts coursework or have earned a Level 3 or Level 4 ACCESS score.

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This course will provide students with continued literacy intervention and language development support as they study text and grammatical structures. Scaffolding strategies for English language learners may be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they deepen their content knowledge of selected texts and novels. Students will continue to learn to read and write extended pieces about concepts related to various authors and texts.

909	English Language Arts 12 - MLL 3/4	Credit: 1.0	SHEA - TOLMAN
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Students in this class have completed MLL 1/2-Language Arts coursework or have earned a Level 3 or Level 4 ACCESS score. This course will provide students with continued literacy intervention and language development support as they study text and grammatical structures. Scaffolding strategies for English language learners may be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they deepen their content knowledge of selected texts and novels. Students will continue to learn to read and write extended pieces about concepts related to various authors and texts.

916	English Language Arts Intervention - MLL	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Teacher recommendation

This is an intensive reading intervention program designed to meet the needs of students whose reading achievement is below the proficient level. This program directly addresses individual needs through adaptive and instructional software, high-interest literature, and direct instruction in reading and writing skills.

914	World History I - MLL	Credit: 1.0	SHEA - TOLMAN
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In this course students study, analyze, and interpret historical events to 1600. An overview of European influences and their expansion is presented and contrasted with world events in the development of the Americas. Strong support and Scaffolding strategies for English language learners with various levels of English language proficiency will be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they relate to the study of World History.

924	United States History I - MLL	Credit: 1.0	SHEA - TOLMAN
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This course is a survey of the American story starting with the writing of the Constitution and concluding with the closing of the frontier in the late 19th century. Students study, analyze, and interpret the important issues and events of our history during this period of time. Strong scaffolding strategies for English language learners with various levels of English language proficiency will be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as gain content knowledge of U.S. History.

934	United States History II - MLL	Credit: 1.0	SHEA - TOLMAN
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This course continues the survey of the American story started in United States History I. Students study, analyze, and interpret important developments that influenced the history of the United States from the Gilded Age to present. Strong support and Scaffolding strategies for English language learners with various levels of English language proficiency will be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they relate to the study of US History.

913	Physical Science - MLL	Credit: 1.0	SHEA - TOLMAN
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This course introduces students to the fundamental concepts, skills and techniques used in chemistry and physics. The topics of study in semester one include: scientific tools and measurements, physical and chemical properties and changes, properties of matter, basic atomic structure and the periodic table. Semester two will focus on: forces and motion, speed, velocity and acceleration and Newton's Laws. Strong support and Scaffolding strategies for English language learners with various levels of English language proficiency will be used to support student learning. Students are expected to develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge in the skills and techniques needed to be successful in all science courses.

923	Biology - MLL	Credit: 1.0	SHEA - TOLMAN
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Biology is the study of life. In this laboratory science course students will study molecules, cells, organisms and their relationship to each other and the world they inhabit. The course builds on the understanding of cells and moves through cell reproduction and genetics, as students learn how organisms have evolved from simple to complex life forms. Students will apply the principles of the scientific method both in their thinking and in their lab work. Topics of study include the structure and function of living things, DNA the code of life, interactions between and among organisms and the environment, the theory of evolution, and how technology has advanced our understanding of these topics. Strong support and Scaffolding strategies for English language learners with various

MULTILINGUAL LEARNER DEPARTMENT

levels of English language proficiency will be used to support student learning. Students are expected to develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge in Biology.

935	Chemistry I - MLL	Credit: 1.0	SHEA - TOLMAN
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Chemistry I is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills and problem solving to study the properties and structure of matter, periodic table, the fundamental structure of atoms, how atoms combine to form compounds, the interactions between matter and energy, the gas laws, and the stoichiometric relationship between substances. Students explore chemistry concepts through a variety of classroom and laboratory activities. Strong support and Scaffolding strategies for English language learners with various levels of English language proficiency will be used to support student learning. Students are expected to develop functional and academic language skills in the areas of listening, speaking, reading and writing as they gain content knowledge in Chemistry.

915	Algebra I - MLL	Credit: 1.0	SHEA - TOLMAN
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This course introduces students to fundamental algebraic concepts. Connections are made to real world applications. The development of conceptual understanding is balanced with the need for the development of efficient skills. Topics include: interpreting and using variables, expressions, and equations; linear and nonlinear functions and relationships; scatter plots and systems of linear equations; exponents and polynomials, and introduction to quadratics. Strong support and Scaffolding strategies for English language learners with various levels of English language proficiency will be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they relate to the study of Algebra.

932	Geometry - MLL	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Algebra I - MLL

This course introduces students to geometric thinking, proofs, and applications. Topics include the relationships of points, lines, planes, and space, geometric constructions, properties of the common geometric figures (angles, triangles, quadrilaterals, circles, polygons and spheres), congruence and similarities of geometric figures, areas, perimeters and volume, right triangle trigonometry and transformations. Strong support and Scaffolding strategies for English language learners with various levels of English language proficiency will be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they relate to the study of Geometry.

917	Math Lab for Algebra - MLL	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Teacher recommendation is required

This course is intended to assist students in mastering the fundamentals of Algebra 1 while providing additional support to address any gaps students may have in their prior knowledge. It is taken concurrently with Algebra 1.

918	Algebra II - MLL	Credit: 1.0	SHEA - TOLMAN
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Prerequisite: Algebra I; Geometry is suggested, but not required; Graphing Calculators may be used (TI-83/84 Recommended)

This course is an in-depth study of relations and functions, monomials and polynomials, quadratic functions, complex numbers, linear systems, linear and quadratic inequalities, radical expressions, rational expressions, and exponential and logarithmic functions. Strong support and Scaffolding strategies for English language learners with various levels of English language proficiency will be used to support student learning. Students are expected to further develop functional and academic language skills in the areas of listening, speaking, reading and writing as they relate to the study of Algebra.