

1852  
Fall River High School



1887  
B.M.C. Durfee High School



1978  
B.M.C. Durfee High School  
of Fall River

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**If you need any version of this document translated please contact Joyce Paulo,  
508-675-8100 Ext: 1198 or [jpaulo@fallriverschools.org](mailto:jpaulo@fallriverschools.org)**

**Para recibir alguna parte de este documento en español favor de llamar a  
Joyce Paulo (508) 675-8100 x1198.**

**Para receber alguma parte de este documento em português por favor chamar a  
Joyce Paulo (508) 675-8100 x1198.**

**SCHOOL ADMINISTRATION  
IMPORTANT PHONE NUMBERS**

Main Phone Number: 508-675-8100

Main FAX: 508-675-8186

[www.durfeehigh.com](http://www.durfeehigh.com)

**SCHOOL ADMINISTRATION**

SUPERINTENDENT OF SCHOOLS ..... Meg Mayo-Brown  
Telephone ..... 508-675-8420

PRINCIPAL ..... Paul Marshall  
Telephone ..... Ext. 1130

ASSOCIATE PRINCIPAL ..... Tracy Curley  
Telephone..... Ext: TBA

Grade 09 Class of 2015 VICE PRINCIPAL ..... Paul Coogan  
Telephone ..... Ext. 1172

Grade 10 Class of 2014 VICE PRINCIPAL ..... T.B.A.  
Telephone..... Ext. 1161

Grade 11 Class of 2013 VICE PRINCIPAL ..... Ross Thibault  
Telephone ..... Ext. 1175

Grade 12 Class of 2012 VICE PRINCIPAL ..... Melissa Fogarty  
Telephone ..... Ext. 1136

Resiliency Prep School Principal..... Omari Walker  
Telephone ..... 508-675-8230

**ADDITIONAL NUMBERS**

GUIDANCE ..... Ext. 1200

ELL..... Ext. 1198

SCHOOL NURSE ..... Ext. 1146

SPECIAL EDUCATION ..... Ext. 1121

ATHLETIC DIRECTOR ..... Ext. 1140

LIBRARY ..... Ext. 1124

CAFETERIA ..... Ext. 1157

RECORDS/REGISTRATION ..... Ext. 1197/1200

SECURITY ..... Ext. 1257

CAREER & TECHNOLOGY EDUCATION COORDINATOR ..... Ext. 1178

OPERATOR/SWITCHBOARD ..... Dial 0

SCHOOL-TO-CAREER COORDINATOR ..... Ext. 1188

F.R.E.D. TV (Ch.17) ..... Ext. 112

## **ADMINISTRATIVE STRUCTURE**

At B.M.C. Durfee High School, we have adopted an administrative structure that we feel is conducive to student learning, fosters communication between faculty, students, parents and guardians, and provides the continuity and structure to ensure all students experiences will be ones of excellence. Students will enter B.M.C. Durfee High School at their appropriate grade level and will be assisted by a team of administrators that will follow them as they progress through completion of their high school diploma. If a student is retained at the completion of a school year, they will be reassigned to that grade and administrative team. The teams will consist of an Associate/Vice Principal and two Guidance Counselors, supplemented by Adjustment Counselors, Truant Officers, and School Resource Officers. The following is a breakdown of the administrative team and the members who will be working with the respective students:

**Principal**  
**Associate Principal**

**Mr. Paul Marshall**  
**Mrs. Tracy Curley**

### **Grade 9 Class of 2015**

*Vice Principal*  
**Mr. Paul Coogan**

*Guidance Counselor*  
**Mr. Jay Gray**  
**Ms. Denise Boland**

### **Grade 10 Class of 2014**

*Vice Principal*  
**T.B.A**

*Guidance Counselors*  
**Mrs. Rachel Fellows**  
**Ms. Kim Napolitano**

### **Grade 11 Class of 2013**

*Vice Principal*  
**Mr. Ross Thibault**

*Guidance Counselor*  
**Ms. Kerry LaCharity**  
**Mrs. Marie Rotondo**

### **Grade 12 Class o 2012**

*Vice Principal*  
**Mrs. Melissa Fogarty**

*Guidance Counselors*  
**Mrs. Coreen Gendreau**  
**Mrs. Jenna Lagasse**

**ELL Dropout Prevention Specialist**  
**Special Education Guidance Counselor**

**Ms. Joyce Paulo**  
**Ms. Bridgit Martin**

## **ORGANIZATION AND COMMUNICATION**

- **First Level**

In order to facilitate timely and supportive communication regarding your student's educational experience at B.M.C. Durfee High School, the first level of communication regarding concerns or issues is to contact the specific teacher. Teachers can be contacted via the phone system by dialing the respective department. We at Durfee High School will strive to make contact with you regarding your concerns within 24 hours of receiving your message. In addition to the phone system, all faculty can be reached via the internet. For a full listing, please see the Fall River Public Schools web site, [www.fallriverschools.org](http://www.fallriverschools.org), and click on Durfee. Should the matter require additional attention, the courteous and proper sequence for contact is the following:

- **Second Level**

**Appropriate Department Chair or Contact person**

Athletics	Mr. Todd Whittemore	508-675-8100, Ext. 1144
Guidance	Ms. Aimee Bronhard	508-675-8100, Ext. 1199
Career and Technical Education	Mr. Michael Procaccini	508-675-8100, Ext. 1178
English	Mr. Nicholas Bretz	508-675-8100, Ext. 1150
English Language Learners	Ms. Joyce Paulo	508-675-8100, Ext. 1198
Fine Arts/Music/Theatre	T.B.A.	508-675-8390
Health and Physical Education	Mr. Brad Bustin	508-675-8100, Ext. 1143
History and Social Studies	Mr. Matt Desmarais	508-675-8100, Ext. 1148
Mathematics	Mr. Tim Dunbar	508-675-8100, Ext. 1160
Science	Mr. Chris Boyle	508-675-8100, Ext. 1170
Special Education	Mr. John Phelan	508-675-8100, Ext. 1117
World Languages	Mrs. Melissa Lomba	508-675-8100, Ext. 1152

- **Third Level**

**Appropriate Grade Administrator**

Mr. Paul Coogan	Vice Principal, Grade 09	508-675-8100, Ext. 1172
T.B.A.	Vice Principal, Grade 10	508-675-8100, Ext. 1161
Mr. Ross Thibault	Vice Principal, Grade 11	508-675-8100, Ext. 1175
Mrs. Melissa Fogarty	Vice Principal, Grade 12	508-675-8100, Ext. 1136

- **Fourth Level**

Mrs. Tracy Curley	Associate Principal	508-675-8100, Ext. TBA
Mr. Paul Marshall	Principal	508-675-8100, Ext. 1130

- **Fifth Level**

**Central Administration**

Ms. Meg Mayo-Brown	Superintendent of Schools	508-675-8420
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## **B.M.C. DURFEE HIGH SCHOOL MISSION STATEMENT**

*The mission statement of B.M.C. Durfee High School is being revised and updates will be released to all students and families by the start of the 2011-2012 school year.*

**T**he mission of B.M.C. Durfee High School of Fall River is to promote opportunities for students to develop skills, enabling them to think, communicate, and solve problems effectively. B.M.C. Durfee provides students with a cooperative and rigorous learning environment, utilizing diversified instructional strategies to meet their individual needs. Our goals are to:

- Provide a safe, secure, and clean facility.
- Guide students to become contributing members of a competitive, diverse, and evolving society.
- Promote collaboration among school, students, parents, and the community.
- Encourage positive work habits of punctuality and attendance.

### **EXPECTATIONS FOR STUDENT LEARNING:**

Core beliefs, values, and expectations are currently under revision. Formal documentation of these expectations will be released to all current and incoming students during the spring of 2011.

### **ACCREDITATION STATEMENT**

**B**.M.C. Durfee High School is accredited by the New England Association of Schools and Colleges (NEASC). Founded in 1885, the New England Association is the oldest regional accreditation association in the country and is recognized by the U.S. Department of Education as the sole agency to award accreditation to educational institutions in New England. NEASC is a non-governmental, nationally recognized, voluntary, non-governmental organization whose affiliated institutions include elementary schools through collegiate institutions. A school holding accredited status in the Association has made a commitment to participate in a process of improvement through self-study and peer review, and to take action on recommendations of the Commission on Public Secondary Schools (CPSS).

Accreditation of an institution by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group process. An accredited school is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the New England Association is not partial but applies to the institution as a whole. As such, it is not a guarantee of the quality of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend and graduate from the institution.

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of the school. Individuals may also contact the Association directly:

**COMMISSION ON PUBLIC SCHOOLS  
NEW ENGLAND ASSOCIATION OF SCHOOLS AND COLLEGES  
209 BURLINGTON ROAD  
BEDFORD, MA 01730-1433  
(781) 271-0022**

## NON-DISCRIMINATION POLICY

The Fall River Public School System does not discriminate on the basis of sex in the educational programs or activities, which it operates and is required by Title IX not to discriminate in such a manner. In addition, no child shall be excluded from or discriminated against in admission to a public school or in obtaining the advantages, privileges, and courses of the study of such public schools on account of race, color, sex, religion, national origin, or disability.

## INTRODUCTION TO THE PROGRAM OF STUDIES

Welcome to the B.M.C. Durfee High School Program of Studies. The years you spend here at B.M.C. Durfee are very important to your future. It is imperative that you make conscientious choices about your four-year academic program. There are certain goals and competencies that you will want to achieve in your time here. The program of studies will provide you with all the information you need to make thoughtful choices about your academic future.

Use this guide to understand the opportunities available to you. Inside you will find pertinent information regarding completion of the B.M.C. Durfee graduation requirements. There are also helpful materials regarding scheduling and course selection, including narratives of the diverse array of courses offered. Finally, there are sections devoted to special programs and college standards.

Your guidance counselors are available to advise you on your four-year program planning and all aspects of this program of studies. The guidance department consists of ten counselors and two secretaries. All students are assigned to counselors by grade and the counselors remain with their assigned students through their four years at B.M.C. Durfee. The relationship that grows between the student and counselor is the paramount factor in guidance. We strongly encourage students to access this service as counselors work with students on college and career planning, decision-making, selection of the academic program, personal and developmental issues, and referrals. In terms of course selection, it is important to note that the counselor is the student's advocate. He/she has an overall view of the student's educational history, current level of achievement, goals and aspirations.

## SCHEDULE CHANGES

The B.M.C. Durfee High School Guidance Department works very hard during and after the registration process to assure that all students are correctly placed in their classes. The course selection process is one that should be a cooperative venture among the student, the parent, the teacher, and the counselor. It is expected that when these course selections are made, the student will have the fortitude to stick with the decision. The choices a student makes when scheduling are very important therefore, he/she is expected to remain in that class through the first full week before a change is considered (except for errors, duplicate courses, closed classes, credit, or prerequisite problems). If schedule changes are necessary, time-lines are as follows:

- 1. All schedule changes for a semester course must be initiated within the first ten school days of the semester.**
- 2. All schedule changes for a year-long course must be initiated within the first fifteen school days of the year.**

Please note: any such change must be discussed with the student's parents/guardians, teachers involved in the change, and the guidance counselor. Although some changes may be made, it should be clearly understood that the reason has to be valid and that the requests will not be automatically honored. **Any student withdrawing mid-term from a full-year or half-year course will not receive credit and the course will remain on the students' permanent record.**

## **GRADING SYSTEM**

Students are evaluated four times a year with a report card issued at the end of each quarter. In addition, students will receive progress reports from all teachers at the midpoint of each quarter. Students will receive a letter grade for each course. The letter grades, along with the corresponding numerical grades, are listed below.

A+	(100-97)	A	(96-93)	A-	(92-90)
B+	(89-87)	B	(86-83)	B-	(82-80)
C+	(79-77)	C	(76-73)	C-	(72-70)
D+	(69-67)	D	(66-63)	D-	(62-60)
F	(59 and below)				

### **Grade Point Average (GPA), Course Weighting, and Class Rank**

Students Grade Point Average (GPA) is a tool used by Colleges and Universities to assist them in determining the potential success a student may have at their institution. It is also used as a threshold for admittance. The system that Colleges and Universities use varies from one to the other and they have not adopted a standard for GPA. Colleges and Universities require a wide range of student proficiencies in order to be considered for admittance. Guidance counselors are trained to assist students in taking courses that reflect their particular interests, desires, and goals. Many students are unsure of their particular directions, especially in the early years of high school. It is recommended that all students strive to meet the standards of the highest levels in order to maximize their choices when it comes to applying for college.

In general, students taking the College Prep classes are on track for entrance into many Colleges and Universities. Students taking courses at the Honors Level are expected to meet a higher standard and the rigor of the course reflects that expectation. These students can expect to have a wider range of options for college admittance based on the rigor of the required coursework. Students taking courses at the Advanced Placement (AP) level are expected to meet the highest standards and are required to take the AP exam at the end of the course. The AP exam is a national exam that oftentimes carries either college credit or reduction of college requirements for graduation. These courses are taught by our teachers, but the rigor reflects that of a college classroom. Students who successfully complete these courses and reach a high standard on the AP exam can expect to have an even wider range of options for college admittance.

We at B.M.C. Durfee feel that utilizing a weighted system better reflects a sense of a student's potential based on the rigor of the course. B.M.C. Durfee utilizes a weighted GPA system that is listed below in the chart. The particular weight a course holds reflects the rigor and expectations of the coursework and therefore, a course taken in the Honors Level will have a higher weight than College Prep, and the Advanced Placement Level will carry the highest weight. Class rank will be based upon the weighted Grade Point Average for all CORE courses at B.M.C. Durfee. Elective courses do not count in the determination of the GPA or Class Rank.

- Cumulative rank-in-class is to be computed at the end of each school year.
- In the event that extraordinary circumstances exist which are not covered by any academic policy, a student must petition the Principal for a hearing. Upon hearing all the facts, the Principal will determine the weight to be assigned to a given course.

### **Weighted GPA Scale**

<b>Grade</b>	<b>Numerical Equivalent</b>	<b>College Preparation</b>	<b>Honors</b>	<b>Advanced Placement</b>
A+	4.3	4.3	4.8	5.3
A	4.0	4.0	4.5	5.0
A-	3.7	3.7	4.2	4.7
B+	3.3	3.3	3.8	4.3
B	3.0	3.0	3.5	4.0
B-	2.7	2.7	3.2	3.7
C+	2.3	2.3	2.8	3.3
C	2.0	2.0	2.5	3.0
C-	1.7	1.7	2.2	2.7
D+	1.3	1.3	1.8	2.3
D	1.0	1.0	1.5	2.0
D-	0.7	0.7	1.2	1.7

### **Credit Awarded for Courses Taken at Colleges or Universities (Dual Enrollment)**

A student may choose to take a course at a local college or university. When a student elects to take a college course, he/she must decide whether or not the course will count on the high school transcript. *This decision must be made at the time the course begins, not after the grade is awarded.* If a course is taken and intended to count as a graduation requirement, the course can only be taken once and MUST be part of the student's transcript. The Head of Guidance, in conjunction with the students Guidance Counselor or Grade Administrator, will determine the weight, if any, that will be associated with the course.

### **Non Weighted GPA**

The School Transcript also shows a Non Weighted GPA, which is based upon a 4.0 system. This GPA is often required when a student applies to college. The Non Weighted GPA gives a maximum point value of 4.0 for any CORE course, regardless of level. Thus, an A+ is worth 4.0 points, and an A- is worth 3.7 points, etc. This conforms to the colleges that request information in this form. This information is not used to determine Class Rank.

### **PROMOTION AND GRADUATION REQUIREMENTS** *(Minimum Standards)*

The B.M.C. Durfee High School diploma is awarded in recognition of the completion of locally determined academic requirements. The diploma also signifies that the student has, in the opinion of the School Committee, achieved standards of conduct during the period up to and including the time of graduation, which will include him/her as a successful graduate of the Fall River Public Schools. Academic requirements for the high school diploma shall be attached to this policy and at the request of the School Administration; the School Committee shall review these requirements yearly. Full year courses earn 1 credit toward graduation. Semester courses earn .5 credits and mini-courses, labs, and quarter courses earn a variation of .25 credits to .50 credits.

To obtain a diploma from B.M.C. Durfee High School, each student must satisfy the following requirements in addition to acquiring the mandated passing Massachusetts Comprehensive Assessment System (MCAS) score. The following list indicates the minimum standards for each graduating year in

order to be considered for graduation:

**GRADUATION REQUIREMENTS**  
**(MINIMUM STANDARDS FOR ALL GRADUATING CLASSES)**

<b><u>English</u></b>	<b>4 credits</b>
<b><u>Social Studies</u></b>	<b>3 credits</b>
<b>Mathematics</b>	<b>3 credits</b>
<b>Science (Minimum of 2 lab sciences)</b> <i>(3.4 cr .requirement commences with the class of 2014)</i>	<b>3.4 credits</b>
<b>World Languages</b>	<b>2 credits</b>
<b>Health and Physical Education</b>	<b>2 credits</b>

***Note: A course in Naval Science fulfills state Phys. Ed. requirements for that year.***

***Additional elective courses are necessary to reach the required promotional credits for graduation.***

*The B.M.C. Durfee High School schedule for the SY 2011-2012  
consists of seven periods per day with a dual rotation.*

**Promotional Credits**

- To enter the Sophomore Class, a student must have passed a minimum of 5 credits.
- To enter the Junior Class, a student must have passed a minimum of 11 credits.
- To enter the Senior Class, a student must have passed a minimum of 17 credits.
- The minimum Graduation Requirement is 22 credits.

Students must pass 5 major courses per semester, including ELA in order to participate in commencement exercises.

**SCHEDULING**

The classroom teacher has in-depth knowledge of the content of various courses taught within his/her department. In addition he/she is usually aware of the level of expectation within each course. Knowing you as a student and the quality of work of which you are capable, your teacher can make valid recommendations as to which courses to take within the department.

The guidance counselor has a broad overview of the entire curriculum. Besides having a strong sense of the student's performance and ability level, the counselor is knowledgeable of the courses necessary to fulfill graduation requirements. The guidance counselor is able to provide good advice about the academic pathway and courses that will align with post-high school plans. It is our belief that a student has three options after graduating from high school: entering the world of post-secondary education, the world of service, or the world of work. It is our goal to prepare each student to meet their personal goals and expectations. A student/parent conference can be arranged by contacting his/her guidance counselor. Please understand that not all student choices can be accommodated within scheduling and school placement policies.

Planning an educational program is an ongoing process and should involve as many people as possible, including the student, parents, teachers and guidance counselors. Students who experience success at B.M.C. Durfee High School follow a prescribed plan of action over their four years in high school. Students and parents should consider the following steps to increase the potential for success.

### **SCHEDULING-cont.**

- 1. Attend the Orientation for Parents and Students-** This is usually held in mid-winter for the purpose of providing information and assistance in the course selection process. Department chairs, teachers, counselors, and administrators will be participating in this process.
- 2. Gather Information-** A major part of the process of course selection involves the gathering of information. Classroom teachers and guidance counselors are valuable resources at this stage.
- 3. Work Together to Select Courses-**Course selection marks the beginning of responsible decision-making for many students. Parents should be involved in giving both help and direction as a student works through his/her decisions.
- 4. Consider your future plans-**You will want to select courses that are related to the field you wish to study. If you think you will be furthering your education after graduation, you will want to select courses that meet the requirements of a variety of schools you may wish to attend.
- 5. Choose courses that will accomplish the following:**
  - Satisfy course and credit requirement.
  - Build up academic skills needed for future plans.
  - Explore new unfamiliar areas and/or develop, in depth, an area of particular interest.
  - Challenge yourself to strive for higher academic levels and increase the rigor of your choices. Taking courses at the AP and Honors level increases your options for college placement.
  - Develop a marketable skill. A marketable skill is particularly essential if you plan to work after graduation.

### **Course Level Selection**

All course levels are designed to provide maximum intellectual challenge for each student. Parents/guardians and students make placement decisions based on past academic performance and teacher recommendations. Placement assumes that ability will allow success, but student effort is assumed; low grades are not automatically a basis for dropping levels. Placement levels may vary in different subject areas, and trial attempts at upward placement are encouraged. **Advanced Placement (AP), Honors (H), College Prep (CP), and un-weighted levels are differentiated by the degree of difficulty, intensity of study, and pace.**

#### **Course levels are designated as follows:**

**Advanced Placement - (AP):** A course culminating in a national examination that can lead to advanced placement and/or credit in college. These courses will follow the syllabi suggested by The College Board and students taking these classes are required to take the AP exam at the culmination of the course. Students taking AP courses in ELA, mathematics, and science are **required to attend three Saturday study sessions** in preparation for the AP examination.

**Honors - (H):** An intense course that demands independent learning as well as critical, creative, and analytical thinking.

**College Prep – (CP):** This is the traditional preparation for four-year colleges.

**Un-weighted Courses – (EL):** These courses will meet minimal requirements representing courses that are not computed into rank or GPA. These courses may be very challenging, but they are not considered to be predictors of college success.

## **SUGGESTED COLLEGE REQUIREMENTS**

It is important that students follow the suggestions of their counselors in choosing courses for their specific goals. It is the responsibility of students planning to further their education beyond high school to consult catalogs for colleges, junior colleges, nursing schools, technical schools, and business schools regarding admission requirements.

Students preparing for college must pursue at least four academic subjects each year (4 credits) and electives based on specialized interests, aptitudes, and enrichment. Most colleges and the Massachusetts Board of Regents usually require 16 credits in major subject areas for admission.

### **College/Tech Prep Courses 2 to 4 year College**

Through affiliations with area colleges, students can participate in selected Tech-Prep programs. These programs qualify students for admission and give advanced placement to students into local two-year colleges. Tech-Prep courses are available in business, childcare, and engineering. They are also being developed in other areas.

Students enrolled in the Tech Prep Program can:

1. Receive college credit by taking courses at Durfee that are part of “articulation agreements” and earning a B or better.
2. Take courses at Bristol Community Colleges on a “space available” basis at no cost.
3. Take courses at Bristol Community College as “distance” students with support from Durfee faculty.
4. Transfer credits from Tech-Prep and other courses into programs at BCC.

*To learn more about this program, see your guidance counselor.*

### **Honors/Adv. Placement Courses (H/AP) 4-year College Plus**

This area focuses on preparing students who plan to attain the minimum of a Bachelor’s Degree, with the intention of continuing toward a higher degree.

#### **Please note:**

Students are encouraged to take courses from all academic areas. A student can take English from (HAP) and Math from (CTP)

### **Business College Program\***

English ..... 4 courses  
Mathematics ..... 3—4 courses (Algebra I, Plane Geometry, Algebra II)  
Science ..... 3 courses (at least two lab sciences)  
Social Studies ..... 3 courses  
World Languages ... 2 courses (same language)  
Electives should be related to career plans.

\*Business colleges usually require a college preparatory program, including Algebra II. Some credits may be

allowed for business subjects. Career schools and some community and junior college programs have less rigid requirements.

### **Engineering/Information Technology\***

English ..... 4 courses  
Mathematics ..... 4 courses (Alg. I, Plane Geometry, Algebra II, Statistics, Pre-Calculus, Calculus, or Computer Science)  
Science ..... 3 courses (two lab sciences— Chemistry and Physics)  
Social Studies ..... 3 courses  
World Languages . 2 courses (same language)  
CAD ..... 1 course (recommended for engineering)

\*Engineering and computer science degrees require high level math skills and four year degrees. A variety of information technology degree programs and certificates are also available at community colleges and other technical schools.

### **Liberal Arts**

English ..... 4 courses  
Mathematics ..... 3- 4 courses (Alg. I, Plane Geometry, Algebra II, or Statistics)  
Science ..... 3 courses (at least two lab sciences required and Biology)  
Social Studies ..... 3—4 courses  
World Languages ... 2—4 courses (same language)

### **Nursing-College Program\***

English ..... 4 courses  
Mathematics ..... 3 - 4 courses (Algebra I, Plane Geometry, Algebra II)  
Science ..... 4 courses (2 lab sciences)  
Social Studies ..... 3 courses  
World Languages ... 2 courses (same language)

\* Licensed practical nursing (L.P.N.) schools require a high school diploma and prefer that their applicants have taken both biology and chemistry.

# Massachusetts Board of Higher Education

## Freshman Admission Standards

### High School Academic Course Requirements

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The Massachusetts Board of Higher Education requires the following college-preparatory academic units as a minimum:

- 4 years English
- 3 years Mathematics (Algebra I, II & Geometry)
- 3 years Science (2 years of lab science)
- 2 years Social Science (1 U.S. History required)
- 2 years World Language in a single language (or voc. Tech./chapter 766 substitution)
- 2 years college Preparatory Electives

The grade point average utilized to determine an applicant's eligibility for admission is cumulative (grade 9 through most recent marks at the time of application) and is weighted using 4.0 scale where "A" = 4.0, "B" = 3.0, "C" = 2.0, "D" = 1.0. Full year honors level and Advanced Placement courses receive an extra .5 and 1.0 points respectively.

#### **Minimum GPA for State College Admission**

The minimum GPA for state colleges and universities is 3.00. This GPA must be achieved in the college preparatory courses completed at the time of application, and should be weighted for honors and Advanced Placement courses.

If the student's GPA falls below the minimum required, a sliding scale based on SAT and ACT test scores will apply. This scale should be used only when a student's GPA falls below the minimum requirements for the State Colleges or University (Between 2.0 and 2.99)

Meeting these requirements does not guarantee admission, as these are minimum requirements. Individual colleges and/or special programs, such as engineering and nursing, may have specific requirements.

### ***High School Grade Point Average/SAT I Requirements***

#### **Massachusetts State Universities**

#### **University of Massachusetts**

High School GPA (Weighted)	Minimum SAT I score (Verbal + Math) ( <i>ACT in Italics</i> )	High School GPA (Weighted)	Minimum SAT I score (Verbal + Math) ( <i>ACT in Italics</i> )
3.00 – 4.00	N/A	3.00 – 4.00	N/A
2.51 – 2.99	920 ( <i>19</i> )	2.51 – 2.99	950 ( <i>20</i> )
2.41 – 2.50	960 ( <i>20</i> )	2.41 – 2.50	990 ( <i>21</i> )
2.31 – 2.40	1000 ( <i>21</i> )	2.31 – 2.40	1030 ( <i>22</i> )
2.21 – 2.30	1040 ( <i>22</i> )	2.21 – 2.30	1070 ( <i>23</i> )
2.11 – 2.20	1080 ( <i>23</i> )	2.11 – 2.20	1110 ( <i>24</i> )
2.00 – 2.10	1120 ( <i>24</i> )	2.00 – 2.10	1150 ( <i>25</i> )
Less than 2.0	Not admissible	Less than 2.0	Not admissible

#### **State Colleges**

Mass. College of Liberal Arts  
Mass. College of Art

#### **State Universities**

Bridgewater State University  
Fitchburg State University  
Framingham State University  
Salem State University  
Westfield State University  
Worcester State University

#### **University of Massachusetts**

Univ. of Mass. Amherst  
Univ. of Mass. Boston  
Univ. of Mass. Dartmouth  
Univ. of Mass. Lowell  
Mass. Maritime Academy

## **NOTATIONS AND POLICIES**

### **Books**

The care and return of textbooks and other assigned materials are an integral part of the course requirements for completing that course and receiving your earned grade. If books are not returned at the end of the course, if the student withdraws, or transfers out of school, an incomplete grade shall be recorded due to failure to meet the course requirements. The book must be returned or a replacement paid for before a grade will be issued. Extracurricular participation and sports activities (both privileges) will be denied.

### **Parental Notification Law**

Massachusetts General Laws Chapter 71, Section 32A allows parents to exempt their children from any portion of the curriculum that primarily involves human sexuality or human sexuality issues through written notification from the parent/guardian to the high school principal. Before making a determination, parents can call the Health Education Office at 675-8430 to review instructional materials.

### **Special Notations**

**Final Offerings:** Final offerings will depend upon registrations. Some of the courses may be eliminated while others may be added. Courses are always offered subject to administrative approval and course enrollment. By indicating an alternate course on your card, you will be enrolled in your alternate if your first choice is cancelled.

**Attendance Policy:** B.M.C. Durfee's attendance policy requires daily attendance with a limited number of absences, on a semester-by-semester basis, for full credit in a course. The complete policy is published in the Student Handbook, which has been issued to every student as part of the agenda that each student receives at the beginning of the school year. In short, the policy states that any student who is absent, either excuse or unexcused, more than 10 times during a semester class, or 20 times during a full year class, could receive reduced credit for that course. In addition, any student who cuts 3 or more classes could lose half of the credit earned.

**Late Registrations:** Students who have not registered by the beginning of the fifth week of either semester will be registered only at the discretion of the Principal or his designee.

**Summer School Regulations:** In the B.M.C. Durfee Summer School, students are able to take courses for either original or make-up credit. In order to receive make-up credit for a course, a student needs to have completed the full course with good attendance during the school year, even though the student still received a failing grade. To receive credit, the signature of the student's vice-principal must be obtained before summer school registration begins. Admission to the Summer School Program is not automatic and is at the discretion of the Vice-Principal.

**Early Graduation:** There are a number of alternative methods for students to pursue early graduation. It is the policy of the Fall River School Committee that: Upon the written request of a student and with the approval of the student's parents/guardians, guidance counselor and appropriate grade administrator, a junior may be considered for early graduation at the completion of his/her junior year if he/she has been accepted to an institution of higher learning or actively employed, engaged in independent study or some form of acceptable community activity. If a junior meets the above criteria and has completed the requirements for the diploma, the School Committee will, upon recommendation of the Superintendent of Schools, award the diploma. Any student who has completed three years of high school and has been accepted to an institution of higher learning but who has not met all the requirements for the diploma, with the approval of his/her parents, guidance counselor and appropriate administrator may request that the School Committee accept the successful completion of the first year of post secondary study as the equivalent of the fourth year of high school. The diploma will be awarded at that time.

# MCAS STATEMENT

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The Massachusetts Education Reform Law of 1993 mandated a statewide program, the *Massachusetts Comprehensive Assessment System (MCAS)*, designed to measure the performance of students, schools, and districts on the academic learning standards contained in the Massachusetts Curriculum Frameworks. The Education Reform Law also requires students to pass the state's MCAS grade 10 tests, in addition to meeting local graduation requirements, as a condition of receiving a high school diploma.

Results of the MCAS tests are used to identify strengths and weaknesses in curriculum and instruction, and to determine the needs of individual students in order to serve them more effectively. Teachers and administrators use the released MCAS questions to develop and implement instructional strategies.

Students, in the **class of 2009**, must meet or exceed the *Needs Improvement scaled score of 220* on English Language Arts and Mathematics. Beginning with the **class of 2010**, students must also pass one of four Science and Technology/Engineering MCAS tests by earning a scaled score of 220. *Students are given multiple opportunities, if necessary, to pass these tests.*

Beginning with the class of 2010 students who score between 220 and 240 in English Language Arts/Mathematics MCAS will have an **Educational Proficiency Plan, (EPP)** for each content area in which he or she did not score at least 240. The MCAS program holds schools and districts accountable, on a yearly basis, for the progress they have made toward meeting the goal set by the *No Child Left Behind Law of Proficiency* (240 and above) in reading and mathematics for all students by 2014.

## **Educational Proficiency Plans (EPP)**

An Educational Proficiency Plan is a summary of a student's academic achievement in math and English. This plan outlines the strengths and weaknesses of the student in a given subject area, assessing student progress with courses taken in the junior and senior academic year. The purpose is to increase the likelihood that a student graduating from high school will have the academic skills required for success in college or a career pathway.

## **MCAS Appeals**

MCAS appeals are filed by the Assessment Center, for seniors, who have not passed all portions of the MCAS test. An appeal to waive the state mandated MCAS requirement for a high school diploma **must show that the student is eligible** by meeting the following criteria:

1. Taken the MCAS test in the subject of the appeal **at least three (3) times**.
2. **Maintained a 95% attendance rate** for both the junior and senior years.
3. **Successfully participated in tutoring** or other academic support services made available or approved by the school.
4. Attained a **GPA of at least 1.0** in the subject of the appeal.
5. Achieved a **GPA higher than the GPA of at least 6 students** who have passed the MCAS and have taken the same sequence of courses in the subject of the appeals.

Questions about the appeals process should be directed to the Assessment Center:

(508) 675-8100 ext: 1207 or ext: 1105

# ENGLISH LANGUAGE ARTS

The English/Language Arts Department offers a wide selection of courses. Each student must pass four English courses - English I, English II, English III, and English IV earning four credits needed in order to graduate from B.M.C. Durfee High School. The English Department, as stated in the BMC Durfee School Improvement Plan, “will assume a leadership role in fostering literacy across the language arts’ curriculum” which will increase literacy skills across content areas.

Literacy extends beyond the ability to read and write but encompasses authentic communication through speaking, listening, reading, and writing. Because the importance of communicating one’s thoughts clearly, logically, and concisely is the foundation for academic and lifelong success, both core and elective English courses are designed to enhance these respective skills. Moreover, The Education Reform Act also requires students to pass the Massachusetts Comprehensive Assessment System (MCAS) as a condition for receiving a high school diploma. The department’s standards based curriculum aligned with the Massachusetts English Language Arts Frameworks promotes student appreciation and understanding of classic, contemporary, and multicultural literature both fiction and non-fiction and is diverse in complexity and scope.

A rubric will be used to assess student progress toward fostering literacy, reading, writing, and oral communication. Likewise, quarterly assessments will be administered to prioritize instruction and assessment for teachers which will ensure student achievement in the learning process.

***Changes in school’s mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-2012***

## **Possible English Language Arts Related Career Pathways**

- ✓ Students interested in pursuing a career pathway within English Language Arts should be exposed to as many electives as possible
- ✓ **English courses are applicable to all career pathways as students master professional language both in written and oral expressions.**
- ✓ A sample of related career pathways are as follows:

Education/Teaching	Radio
TV Broadcasting	Publishing
Editing	Screen Writing
Film Production	Media & Technology

## ***Suggested English courses for a career in Communications:***

- Introduction to Journalism
- Essential Elements of Public Speaking
- Advanced Journalism
- Yearbook Production
- Film Studies

## ENGLISH/LANGUAGE ARTS CORE COURSES

<b>COURSE</b>	<b>TITLE</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>OFFERED</b>	<b>CREDIT</b>
09211	Honors Pre-Advanced Placement English	1	9, 10, 11	YR	1.25
09101	Honors English I	1	9	YR	1
09102	English I College Prep	2	9	YR	1
09201	Honors English II	1	10	YR	1
09202	English II College Prep	2	10	YR	1
09301	Honors English III	1	11	YR	1
09302	English III College Prep	2	11	YR	1
09311	AP Language and Composition	AP	11, 12	YR	1
09411	AP Literature and Composition	AP	11, 12	YR	1.4
09402	English IV College Prep	2	12	YR	1

## ELECTIVES

<b>COURSE</b>	<b>TITLE</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>OFFERED</b>	<b>CREDIT</b>
09844	SAT Prep (English & Math)	E1	11/12	Semester	.4
09744	MCAS Prep/College Readiness	E1	11/12	Semester	.5
09694	Integrated Literacy Skills II	E1	10	Semester	.5
09684	Thrillers: A to Z	E1	11/12	Semester	.5
09504	Introduction to Journalism	E1	10/11/12	Semester	.5
09514	Advanced Journalism	E1	11/12	Semester	.5
09531	Honor's Editor's Internship	E1	11/12	Semester	.5
09534	Yearbook Production	E1	11/12	Semester	.4
09774	Film Studies	E1	11/12	Semester	.4
09564	Essential Elements of Public Speaking	E1	11/12	Semester	.5
09754	Freedom Writers 1	E1	10/11/12	Semester	.5
09802	Enrichment Lab English I CP	E1	9	Yr.	.4

## Core Course Descriptions

### **09211 Honors Pre-Advanced Placement English: Grades 9/10/11**

**1.25 Credits**

Pre-AP English is a preparatory class for students who have been recommended for enrollment by their freshmen and sophomore teachers as having an excellent command of the English language through evidence of writing, speaking, and critical analysis. The focus is on major literary figures of each age found in American and British Literature. This course will replace the grade appropriate core English course. This class is meant for students who plan to take AP language and/ or literature. Students in this course will receive an additional .25 credit to reflect the rigor in the students GPA.

- **PREREQUISITE: Teacher recommendation**

### **09101 English I: Honors**

**1 Credit**

Honors English is a course designed for a motivated student is ready for an academic challenge at an accelerated pace. Through a rigorous curriculum, freshmen will be exposed to reading, writing and oral communication through a survey of literature. Within writing, students will engage in persuasive, narrative and expository text structures. Grammar usage and vocabulary are covered through compositions and the interpretations of various genres, such as short fiction, non-fiction, drama, poetry and novels. The goal is to prepare students for a diverse 21<sup>st</sup> Century society in either an academic or career setting.

### **09102 English I: College Prep**

**1 Credit**

Academic English 9 is a yearlong course designed to prepare students as they gain a command of English and literacy skills that will prepare them for college and career pathways. Through a rigorous curriculum, freshmen will focus on reading, writing and oral communication for the 21<sup>st</sup> Century. In literature, reading is undertaken in the interpretation and analysis of various genres, such as short fiction, non-fiction, drama, poetry, and the novel. Reading and writing exercises are studied similar to those on the MCAS test taken in the sophomore year.

### **09201 English II: Honors**

**1 Credit**

Honors English is a standards based yearlong course designed for the student who is ready for an academic challenge at an accelerated pace. Through an enriched curriculum, sophomores enrolled in Honors English undertake a study of expository as well as creative writing and begin to consider style in writing. Vocabulary, grammar, and usage are integrated as part of the study of both literature and composition. A survey of American Literature forms the basis of this course. Reading and writing exercises similar to those on the MCAS test taken in the sophomore year are emphasized within the curriculum. The overall emphasis is to establish a connection between American Literature and our modern society.

### **09202 English II: College Prep**

**1 Credit**

Academic English 10 is a standards based yearlong course designed to expose students to the academic and career pathways of the 21<sup>st</sup> Century. The reading is a survey of American literature and the novels of great American writers for collateral readings. The course concentrates on development of skills in composition, vocabulary in context, grammar, and usage. Reading and writing exercises similar to those on the MCAS test taken in the sophomore year are included within the curriculum.



**09301 English III: Honors****1 Credit**

Honors English is a course designed for the student who has an excellent command of English skills and is ready for an academic challenge at an accelerated pace. Through an enriched curriculum, juniors enrolled in Honors English III concentrates on an in-depth study of British Literature from its origins to the present, special note being placed upon the great ideas expressed in each age and upon literary style. Composition work is designed to help the student improve writing skills as they prepare for both the academic and career pathways within the 21<sup>st</sup> Century.

**09302 English III: College Prep****1 Credit**

Academic English III is a yearlong course designed primarily for juniors who plan to continue their studies in an academic setting. This course is designed to prepare the student for a 21<sup>st</sup> Century society with a focus on writing and technical skills he/she will need to function successfully in a competitive school and career. The goal of the course also seeks to instill an understanding and appreciation of British Literature.

**09401 Honors English IV****1 Credit**

Senior Honors Contemporary Literature is a yearlong course designed primarily for seniors who plan to continue their studies in a competitive college environment. The course objective will invite students to closely examine the impact of global authors on literary scope and achievement. Independent reading of selected works of contemporary World literature is analyzed and discussed. In addition, current articles inclusive of vocabulary and subject matter geared toward building an awareness of the issues and themes of authors in the 21<sup>st</sup> Century are considered. Assessment will focus on oral communication, readings, and written responses from the readings.

**09402 English IV - College Prep****1 Credit**

Senior Contemporary Literature is a yearlong course designed primarily for seniors who plan to continue their studies in an academic or career pathway. The course objective is to expose students with the impact of global authors on literary scope and achievement. Independent as well as guided reading of selected works of contemporary World Literature is analyzed and discussed. In addition, current articles inclusive of vocabulary and subject matter geared toward building an awareness of the issues and themes of authors in the 21<sup>st</sup> Century are considered. Oral communication, written response and interpretation of the readings will be the main form of assessment.

**09311 Advanced Placement Language and Composition, Grades 11/12****1 Credit**

The AP English Language and Composition course engages students in becoming excellent critical thinkers and readers through the use of fiction, non-fiction, poetry, prose, and rhetorical contexts. The focus is on major literary figures of each age found in British and World Literature which introduces the students to prominent works and authors to further their understanding of genre and style within our modern society. Students will also become excellent writers by writing for an array of audiences and purposes while mastering the conventions and standards of written English. This course will replace the grade appropriate core English course. It is available for students who intend on taking Advanced Placement Literature and Composition/English IV.

**09411 Advanced Placement Literature, Grades 11/12****1.4 Credits**

✓ *Class meets daily with a double period 2 times per week*

Advanced Placement English Seniors prepare to take the Advanced Placement exams in English literature and English language given in May. Focus is on selected literary figures of each age, the ideas that impelled their works, and the influences they have exerted upon their successors. Students are also encouraged to trace the development of certain themes from one work to another. In composition, the students engage in frequent writing assignments, primarily such as derive from class discussions of the ideas and essential questions presented by the literature. Students complete a major research paper, as well as numerous critical essays during the year.



## Elective Course Descriptions

### **09504 Introduction to Journalism**

**.5 Credits**

Students will learn the skills necessary to publish print and electronic media. Various styles of writing, editing, layout, advertising, photography, and desktop publishing are covered throughout the course. Members of this class are required to contribute to the production of the *Durfee Hilltop*.

### **09514 Advanced Journalism**

**.5 Credits**

Student journalists continue their training in writing, editing, and publishing. Working both independently and in groups, students will gain advanced skills not only in journalism but in desktop publishing as well. Electronic Publishing software like Adobe Indesign, PhotoShop, and Savvy are introduced. Members of this class are required to contribute to the production of the *Durfee Hilltop*.

### **09531 Honors Editors' Internship**

**.5 Credits**

This course is open ONLY to students who hold leadership positions in Durfee's publications, including the *Durfee Hilltop* and the *Record Book*. Student Editors are expected to act as leaders in and out of the classroom, and to dedicate themselves to producing publications, working with the teacher, faculty, the community and students in other journalism classes.

### **09534 Yearbook Production**

**.4 Credits**

This course is open to juniors and seniors and introduces the student to the fundamentals of yearbook production. Topics covered are writing, digital photography, editing, web design, advertising, public relations, and ethics. This course is designed to teach the skills necessary to produce the school yearbook.

### **09684 Thrillers: A to Z**

**.5 Credits**

Thrillers A-Z is an English elective film studies course. In addition to analyzing cinema, the course focuses on strengthening students' creative writing abilities and critical/analytical writing skills. It is a fun college-style course that challenges students in exploring new genres of fiction they may not have previously been exposed to. Students will watch films ranging from the classics like Alfred Hitchcock's "Psycho," to modern and even foreign films such as "Pan's Labyrinth." Students will also be creating their own short stories as the term unfolds, while improving their critical writing in film and book reviews.

### **09694 Integrated Literacy Skills II**

**.5 Credits**

This standards based semester course is designed to provide sophomores who have not yet reached the reading skills necessary to pass the Massachusetts Comprehensive Assessment System (MCAS) test. Additional remediation will be provided in reading, writing, speaking and listening as students prepare for our modern society. Strategies to accelerate reading and writing success in English as well as all content areas are the focus of instruction. Word attack skills, vocabulary, paragraph development, close reading, interpretation and analysis are the scope and sequence of the curriculum. This course does not take the place of English II.

**09744 MCAS Prep/College Readiness****.5 Credits**

The MCAS Prep./College Readiness course is designed for those students who need remediation in English skills which will enable them to perform successfully on the Massachusetts Comprehensive Assessment System (MCAS). Emphasis will be placed on reading comprehension, writing skills, and test-taking strategies. Additionally, College Readiness is a continuation of the MCAS Prep course and will afford students the opportunity to become prepared for the Accuplacer test while providing college readiness skills through the use of informational texts and to expose students to the types of writing expected of them at the university level. The breakdown is as follows:

- MCAS Prep. Term 1
- Accuplacer College Readiness Term 2
- MCAS Prep. Term 3
- Accuplacer College Readiness Term 4

**09774 Film Studies****.4 Credits**

Film Studies is an elective class open to juniors and seniors and is designed to expose students to a variety of film genres and cinematic terminology. The purpose of the class is to allow students to write about various film genres critically. Students will study genres including noir, western, and horror.

Students will be required to read texts and write compositions that reflect an understanding and interpretation of the films they have screened for class. Additionally, they should have home access to video or DVD equipment in order to watch assigned films at home. Because students will occasionally be required to screen R-rated films, parents of enrollees are asked to sign a permission form at the beginning of the school year allowing their son/daughter to view these films within an educational context and under the supervision of the instructor.

**09844 SAT Prep****.4 Credits**

This course is designed to provide students with strategies in both Math and English that should result in increased success on college entrance examinations. The course will be presented in two parts.

**Math:** numbers & operations, Algebra & functions, Geometry & measurements, Statistics which includes data analysis & probability.

**English:** Critical reading: sentence completion and reading comprehension. Emphasis on writing includes: usage, sentence and paragraph correction and improvement, and the SAT essay.

Each teacher will present equal instruction in their content area. Class size will be limited to 20 students so that individualized student strengths and weaknesses can be identified. This is a pass/fail course.

**09564 Essential Elements of Public Speaking****.5 Credits**

This course will help students master the vital 21<sup>st</sup> Century skills that they will need to give effective informative, persuasive, and special occasion speeches. In addition, students will learn to listen more critically to the speeches of others. This course will increase a student's social and workplace communication abilities and enhance a wide variety of academic and professional skills such as organization, research, and language use.

**09754 Freedom Writers I****.5 Credits**

This elective course introduces students to *The Freedom Writers Diary* as well as intensive journal writing as a method of introducing self expression. Student activities center on practicing critical thinking skills via exploration of their own opinions, reasoning and reactions within a "real world" context. Creative writing from student-driven global issues will be at the forefront of this course. The writing process will encompass both academic and contemporary situations to allow students to become self advocates. Students are expected to participate in a collaborative learning environment which will include oral and written assignments and publish a class "book" at the conclusion of the class.

**09802 Enrichment Lab English I CP****.4 Credits**

This course is designed for college bound freshman students who may need additional assistance with mastering English I. This class will meet twice a week. This course will reinforce all of the topics from CP English I.

*This class must be concurrently taken with CP English I.* This course provides elective credit.

- ✓ **Prerequisite:** Concurrent enrollment in CP English I.

# MATHEMATICS

To function in today's society, mathematical literacy is as essential as verbal literacy. These two kinds of literacy, although different, are not unrelated. Without the ability to read and understand, no one can become mathematically literate. Increasingly, the reverse is also true: without the ability to understand basic mathematical ideas, one cannot fully comprehend modern writing such as that which appears in the daily newspaper. The goal of the Mathematics Department is for all students to achieve mathematical literacy. B.M.C. Durfee High School's graduation requirement is three (3) mathematics classes.

The Massachusetts Education Reform Law also requires students to pass the grade ten MCAS tests, in addition to local graduation requirements, as a condition for receiving a high school diploma. Mathematics is one of the mandated areas in the MCAS; consequently the freshman and sophomore courses meet the State Curriculum Framework content requirements as mandated by the Education Reform Law.

***Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-2012.***

**The major goals of the mathematics curriculum are to develop within the student:**

- ❖ An increased appreciation for mathematics as a systematic body of knowledge.
- ❖ Preparation for higher mathematics through a standards-based, sequential mathematics program.
- ❖ The ability to apply the mathematical terminology necessary to demonstrate a high comprehension of mathematics.
- ❖ Develop an understanding of the concepts and/or computational skills used in daily life.
- ❖ Recognize the need for systematic recall and review, and the application of these to the solution of new problems.
- ❖ High analytical thinking skills as an approach to problem solving.
- ❖ The ability to apply abstract concepts and create problems involving mathematics.
- ❖ To become more aware of the interconnections of mathematics and its applications across the curriculum.

## **Possible Mathematics Related Career Pathways**

- ✓ It is important for students to be challenging themselves upon entering Durfee High School. Careers that involve high level mathematics are recommended to enroll in the Honors track.
- ✓ There are many entrance points in the mathematics program. Students should speak with their Guidance Counselor about specific math courses relative to different career pathways and options.
- ✓ A SUMMER Pre-Calculus (Original Credit Course) is available for those students who enter as freshman taking Algebra I but are interested in advancing to the Calculus program by senior year.
- ✓ **Mathematics courses are applicable to all career pathways as students master critical thinking skills and problem solving strategies.**
- ✓ A sample of related career pathways are as follows:

Education/Teaching	Accounting
Business	Forensic Analysis
Financial Planning	Research/Statistics
Computer Programming	Engineering

## ***Suggested math courses for a career in Engineering or Nursing:***

9<sup>th</sup> (Geometry or Algebra I) → 10<sup>th</sup> (Geometry or Algebra II) →  
11<sup>th</sup> (Algebra II or Honors Pre-Calculus) → 12<sup>th</sup> (Pre-Calculus or Honors A.P. Calculus AB)

## ***Suggested math courses for a Psychologist:***

9<sup>th</sup> (Honors Geometry or Algebra I) → 10<sup>th</sup> (Geometry or Algebra II) →  
11<sup>th</sup> (Algebra II or Intro to Statistics) → 12<sup>th</sup> (Intro to Statistics or AP Statistics)

## Mathematics Department Core Course Offerings

COURSE #	TITLE	LEVEL	GRADES	TERM	CREDIT
10101	Honors Algebra I Freshmen	1	9	YR	1
10122	Algebra I – College Prep	2	9	YR	1
10201	Honors Plane Geometry	1	9, 10, 11, 12	YR	1
10212	Plane Geometry - College Prep	2	10, 11, 12	YR	1
10132	Integrated Math II College Prep	2	10, 11, 12	YR	1
10251	Accelerated Geometry/Algebra II GATE	1	9	SEM	1
10111	Honors Algebra II	1	10, 11, 12	YR	1
10152	Algebra II - College Prep	2	10, 11, 12	YR	1
10142	Integrated Math III College Prep	2	11,12	YR	1
10182	College Algebra Fundamentals	2	12	YR	1
10222	Advanced Algebra and Trigonometry	2	11, 12	YR	1
10402	Intro to Statistics - College Prep	2	11, 12	YR	1
10301	Honors Pre-Calculus	1	10, 11, 12	YR	1
10321	AP Calculus (AB)	AP	11, 12	YR	1.4
10331	AP Calculus (BC)	AP	12	YR	1.4
10411	AP Statistics	AP	11, 12	YR	1.4
09844	SAT Prep	EI	11, 12	SEM	.4
10934	MCAS Prep & Review	EI	10,11	SEM	.5
10174	Careers in Mathematics	EI	10, 11, 12	SEM	.5
10802	Enrichment Lab Algebra I CP	EI	9	Yr	.4



## Mathematics Core Course Descriptions

*These courses include the academic subjects needed to fulfill graduation requirements and/or college admission requirements. All core courses are counted as part of the GPA (grade point average), which affects class rank. You may choose to take core courses, in addition to those needed for graduation and/or college admission in order to complete the suggested courses for a particular pathway or simply because a course interests you. Whatever the reason for your selection, the course remains a core course and will count towards your GPA.*

### Algebra 1 Level Courses

#### **10101 ALGEBRA I: Honors**

**1 Credit**

Some of the major topics covered during this year long course include linear equations and functions, slope, linear inequalities, systems of equations, polynomials, factoring, quadratic functions, and radical and rational functions. A primary aim of the course will be the development of a variety of methods used to solve more complex algebraic equations. Students who elect this course should be prepared for a faster pace and a more rigorous workload. A graphing calculator is recommended.

*Prerequisite: At least an 80 in the student's previous math class.*

#### **10122 ALGEBRA I: College Prep**

**1 Credit**

Some of the major topics covered during this year long course include linear equations and inequalities, slope, functions, systems of equations, polynomials, factoring, quadratic functions, and radicals. A primary aim of the course will be the development of a variety of methods used to solve more complex algebraic equations. A scientific calculator is recommended.

### Geometry Level Courses

#### **10251 ACCELERATED GEOMETRY/ALGEBRA II: Honors**

**2 Credits**

This year long course is designed for the college bound, **freshman student** who wishes to achieve the highest possible level in mathematics. This course will cover all of the topics from Honors Geometry and Algebra II at an accelerated pace. Each course, geometry and algebra II will be completed in one semester. **A graphing calculator is required.**

*Prerequisite: Middle School teacher recommendation OR permission from the Department Head of Mathematics.*

#### **10201 PLANE GEOMETRY: Honors**

**1 Credit**

Some of the major topics covered during this year long course include lines, planes, angles, polygons, congruence, similarity, circles, trigonometry, areas, and volumes. A primary aim of the course will be the development of logical thinking through geometric proofs. Students who elect this course should be prepared for a faster pace and a more rigorous workload. **A graphing calculator is recommended.**

*Prerequisite: At least an 80 in Honors Algebra I. Exception: Students may be allowed to take Geometry and Algebra II concurrently at the request of the Algebra I teacher and the Department Head of Mathematics.*

#### **10212 PLANE GEOMETRY: College Prep**

**1 Credit**

Some of the major topics covered during this year long course include lines, planes, angles, polygons, congruence, similarity, circles, areas, and volumes. A primary aim of the course will be the development of logical thinking. **A scientific calculator is recommended.**

*Prerequisite: A passing grade in Algebra I.*

**10132 INTEGRATED MATH II: College Prep      1 Credit**

This year long class blends the topics covered in an Algebra 1 class and a Geometry class together. The major algebra topics covered include solving multi-step equations, writing and graphing linear equations, and factoring. The major geometry topics covered include area, volume, similarity, and congruence. A primary aim of the course will be the development of problem solving, communication, and reasoning skills. **A scientific calculator is recommended.**

*Prerequisite: A passing grade in Integrated Math I*

## Algebra II Level Courses

**10111 ALGEBRA II: Honors****1 Credit**

This rigorous and fast-paced course is a continuation of Algebra I. Topics of study include linear and non-linear functions, trigonometry, and logarithmic and exponential functions.

**A graphing calculator is required.**

*Prerequisite: A minimum of an 80 in Algebra I Honors OR permission from the Department Head of Mathematics.*

**10152 ALGEBRA II: College Prep****1 Credit**

This college prep course is a continuation of Algebra I. Topics of study include solving and graphing equations and inequalities, solving and graphing linear and non-linear functions, logarithmic and exponential functions. **A scientific calculator is required.**

*Prerequisite: A passing grade in Algebra I and Geometry is required. Students who have passed Integrated Math III may use it as a prerequisite for this class as well.*

**10142 INTEGRATED MATH III: College Prep      1 Credit**

This year long class blends the topics covered in an Algebra 1 class and a Geometry class together. The main objective of this course is to review the Algebra I and Geometry standards taught in Integrated Math I and II and build upon the foundation needed for students to follow a traditional math curriculum. More complex Algebra and Geometry is taught as students begin to study the relationships between different types of algebraic functions, polynomial equations, and applying right triangle trigonometry. **A scientific calculator is recommended.**

*Prerequisite: A passing grade in Integrated Math II*

**10222 ADVANCED ALGEBRA AND TRIGONOMETRY: College Prep      1 Credit**

This college prep elective course is a continuation of Algebra II. Topics of study include analyzing and applying the properties of functions, trigonometric functions and identities, and analytical geometry. **A scientific calculator is required.**

*Prerequisite: A passing grade in Algebra II is required.*

**10402 INTRODUCTION TO STATISTICS: College Prep****1 Credit**

Designed for college bound juniors and seniors, this semester long course introduces students to the rigorous analysis of data. It includes the four major themes: exploring data, planning a study, anticipating patterns, and producing models using probability, simulation, and statistical inference. Extensive use of technology is included. **A graphing calculator is required.**

*Prerequisite: A passing grade in Algebra I and Plane Geometry is required.*

**10182 COLLEGE ALGEBRA FUNDAMENTALS: College Prep****1 Credit**

This course is designed to prepare seniors for the Accuplacer, a college entry exam. Some of the major topics covered during this year long course include basic operations with fractions, decimals and percents, operations with signed numbers, evaluating algebraic expressions and formulas, polynomials, linear equations and inequalities, word problems, factoring, and algebraic fractions. These topics will incorporate quantitative reasoning skills by using as many real world applications as possible. A scientific calculator is recommended.

*Prerequisite: A passing grade in Geometry.*

## Calculus and Advanced Placement Level Courses

**10301 PRE-CALCULUS: Honors****1 Credit**

This course emphasizes the use and application of polynomial, logarithmic, and trigonometric functions and their applications, the extension of conic sections and the concept of theory of limits. This is a prerequisite course for calculus. **A graphing calculator is required.**

*Prerequisite: A minimum grade of 80 in Honors Algebra II OR permission from the Department Head of Mathematics.*

**10321 ADVANCED PLACEMENT CALCULUS (AB): Honors****1.4 Credits**

*\* Class meets daily with a double period 2 times and 1 study period per week*

This rigorous and fast-paced elective course is designed for college-bound students. Topics of study include concepts of analytical geometry, analysis of functions, and the general theories and techniques of Calculus. Students will take the Advanced Placement Examination. **A graphing calculator is required.**

*Prerequisite: A minimum grade of 80 in Pre-Calculus OR permission from the Department Head of Mathematics.*

**10331 ADVANCED PLACEMENT CALCULUS (BC): Honors****1.4 Credits**

*\* Class meets daily with a double period 2 times and 1 study period per week*

This rigorous and fast-paced elective course is designed for college-bound students. This course will expand upon the concepts of analytical geometry, analysis of functions, and the theories and techniques of Calculus. Students will take the Advanced Placement Examination in accordance with the B/C Test version. **A graphing calculator is required.**

*Prerequisite: A minimum grade of 80 in Course Number 10321 or a passing grade on the Advanced Placement Calculus (A/B) test or permission from the Department Head of Mathematics.*

**10411 ADVANCED PLACEMENT STATISTICS****1.4 Credits**

*\* Class meets daily with a double period 2 times and 1 study period per week*

Designed for college-bound juniors and seniors, this course introduces students to the rigorous analysis of data. It includes four major themes: exploring data; planning a study; anticipating patterns; and producing models using probability, simulation, and statistical inference. Extensive use of technology is included. This course is the precursor of the statistics required by most fields of study in college. Students will take the Advanced Placement Examination. **A graphing calculator is required.**

*Prerequisite: Permission from the Department Head of Mathematics.*

# Elective Course Descriptions

## **09844 SAT PREP**

**.4 Credits**

This is an elective course designed to provide students with strategies to increase their success on college entrance examinations. It is paired with a similar class in the English Department. Some of the major topics covered during the quarter are numbers, operations, algebra, functions, geometry, measurements, data analysis, and probability. Class size will be limited to 20 students so that individualized student strengths and weaknesses can be identified. This is a pass/fail course.

## **10934 MCAS PREP & REVIEW**

**.5 Credits**

This course is designed to provide students with skills and strategies associated with the MCAS math test and other standardized tests. It will also be useful for students who would benefit from a review of algebra and geometry level mathematics. Topics covered include arithmetic, basic operations, algebra, equations, geometry, statistics, and problem solving. This course also will assist students with test taking skills such as time management, scoring procedures, and calculator usage. This course may be repeated for elective credit.

## **10174 CAREERS IN MATHEMATICS**

**.5 Credits**

This half-year elective course is designed for college bound students who are interested in exploring the ways mathematics is utilized in different careers. This course will include the study of math applications to budgeting, taxation, credit, ownership, insurance, sports, investment, education, entertainment, medical fields, and personal money management.

## **10802 ENRICHMENT LAB ALGEBRA I CP**

**.4 Credits**

This course is designed for college bound freshman students who may need additional assistance with mastering Algebra I. This class will meet twice a week. This course will reinforce all of the topics from CP Algebra I.

*This class must be concurrently taken with CP Algebra I.* This course provides elective credit.

✓ **Prerequisite:** *Concurrent enrollment in CP Algebra I.*



# SCIENCE

**E**ach student is presently required to pass 3.4 credits in Natural Science, Physical Science, or Engineering as a requirement for graduation. All students must take a minimum of three years of science, at least two of which must be laboratory science courses. All students are encouraged to take science or a science elective in each year of high school.

The Education Reform Law also requires students starting with the class of 2010 to pass the Massachusetts Comprehensive Assessment System exams, in addition to local graduation requirements, as a condition for receiving a high school diploma. As a result, all freshman and sophomore course curricula are standards based in accordance with the state Curriculum Frameworks content requirements as mandated by the Education Reform Law.

The Science Department offers an extensive course listing of both core and elective courses. These courses will prepare students with practical, “hands-on” and inquiry-based laboratory experiences.

*Changes in school’s mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-12*

**All students are expected to take a minimum of two lab sciences in different science content areas.**

## Possible Science Related Career Pathways

- ✓ Students interested in pursuing a career pathway within any field of science should be exposed to as many electives as possible. The science department offers a large selection of elective course offerings.
- ✓ Students who are interested in a related field such as bioengineering should also view course offerings in the Career and Technical Education Department as well as engineering elective courses
- ✓ **Science courses are applicable to all career pathways as students master critical thinking and problem solving strategies.**
- ✓ A sample of related career pathways are as follows:

Medical Laboratory Technology	Medical Research
Biotechnology	Environmental Technology
Wildlife Biology	Laboratory Technician
Ecology	Chemical Engineer

## ***Suggested science courses for a career in Environmental Technology:***

- Biology/Chemistry or Honors Biology/Chemistry
- Environmental Science or A.P. Environmental Science
- Marine Environment and Aquaculture or Honors Marine Environment and Aquaculture
- North American Wildlife
- Environmental Engineering



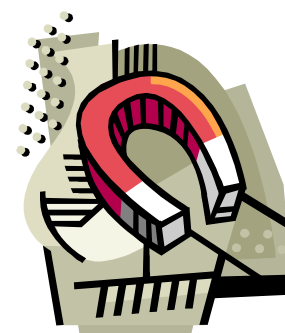
## Science Department Core Course Offerings

<b>COURSE</b>	<b>TITLE</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
15202	College Biology	2	9,10	YR	1.2
15211	Honors Biology	1	9,10	YR	1.2
15221	AP Biology	AP	10, 11, 12	YR	1.4
15821	Applied Honors Biology	1	11, 12	YR	1.2
15822	Applied C.P. Biology	2	11, 12	YR	1.2
15232	College Marine Biology	2	9,10	YR	1.2
15241	Honors Marine Biology	1	9,10	YR	1.2
15302	College Chemistry	2	9,10	YR	1.2
15311	Honors Chemistry	1	9,10	YR	1.2
15321	AP Chemistry	AP	10, 11, 12	YR	1.4
15832	Applied C.P.Chemistry	2	11, 12	YR	1.2
15831	Applied Honors Chemistry	1	11, 12	YR	1.2
15351	Honors Organic Chemistry	1	10, 11, 12	YR	1.2
15401	Honors Physics	1	9, 10, 11, 12	YR	1.2
15402	College Physics	2	9, 10, 11, 12	YR	1.2
15414	Applied Physics	2	11,12	YR	1.2
15431	AP Physics	AP	10, 11, 12	YR	1.4
15501	AP Environmental Science	AP	10, 11, 12	YR	1.4

## Science & Engineering Elective Course Offerings

<b>COURSE #</b>	<b>TITLE</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
15502	Environmental Science	EL	9, 10, 11, 12	SEM	.5
57101	Human Anatomy Part A	EL	10, 11, 12	SEM 1	.5
15374	Analytical Chemistry	EL	11, 12	SEM	.5
57121	Sports Medicine Part B	EL	10,11,12	SEM 2	.5
03031	Honors Medical Terminology	EL	11, 12	SEM 2	.5
15254	Botany	EL	10, 11, 12	YR	1.2
15512	Forensics and Human Biology	EL	10, 11, 12	YR	1.2
15844	Disease, Death, and Demographics	EL	10,11,12	SEM	.5
15522	Introduction to Meteorology	EL	10, 11, 12	SEM	.5
15364	Color of Chemistry	EL	10,11,12	SEM	.5
15594	Advanced Laboratory Techniques	EL	10,11,12	SEM	.5
15834	Science Independent Research	EL	10, 11, 12	SEM 1	.5
15684	North American Wildlife	EL	10, 11, 12	SEM	.5

<b>COURSE #</b>	<b>TITLE</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
15694	North American Wildlife 2	EL	10, 11, 12	SEM	.5
15514	Biology of Human Reproduction	EL	10, 11, 12	SEM	.5
15624	Astronomy	EL	10, 11, 12	SEM	.5
15644	Marine Environment & Aquaculture	EL	10, 11, 12	SEM	.5
15664	Honors Marine Envmt & Aquaculture	EL	10, 11, 12	SEM	.5
15654	Traveling Sea Lab	EL	11, 12	YR	1.75
15734	Science Lab Aide (3 period)	EL	10, 11, 12	SEM	.25
15724	Science Lab Aide (2 period)	EL	10, 11, 12	SEM	.25
<b><i>ENGINEERING</i></b>					
40044	Introduction to Environmental Engineering	EL	10, 11, 12	SEM	.5
40144	Environmental Engineering	EL	10, 11, 12	SEM	.5
40054	CAD I A	EL	9, 10, 11, 12	SEM	.5
40064	CAD IB	EL	9, 10, 11, 12	SEM	.5
40154	CAD II A	EL	10, 11, 12	SEM	.5
40164	CAD II B	EL	10, 11, 12	SEM	.5
40254	CAD III	EL	11, 12	SEM	.5
40004	Principles of Engineering	EI	9, 10, 11, 12	SEM	.5
40014	Bioengineering	EI	9, 10, 11, 12	SEM	.5
40274	Intro to Survey & Maps	EI	10, 11, 12	SEM	.5



## Core Course Descriptions

### **15211 HONORS BIOLOGY**

**1.2 Credits**

- ✓ **This class will have a double period once per week**

This is a standards based course, which incorporates the Massachusetts Science Curriculum Frameworks. Topics include structure and composition of organic molecules, structure and function of cells, hydrolysis, dehydration synthesis, protein synthesis, genetics, human anatomy and physiology, evolution and biodiversity, taxonomy, and ecology.

### **15202 COLLEGE BIOLOGY**

**1.2 Credits**

- ✓ **This class will have a double period once per week**

This course is a standards based course, which incorporates the Massachusetts Science Curriculum Frameworks. Topics include structure and composition of organic molecules, structure and function of cells, hydrolysis, dehydration synthesis, protein synthesis, genetics, human anatomy and physiology, evolution and biodiversity, taxonomy, and ecology.

### **15221 ADVANCED PLACEMENT BIOLOGY**

**1.4 Credits**

- ✓ **This class will have a double period twice per week**

This is a standards based course which incorporates the National Advanced Placement biology curriculum. This course meets for the entire school year. Content of the course is based on advanced placement topics and laboratory exercises. Such topics include evolution, chemical structure of DNA and RNA, protein synthesis, population genetics, tissue and organ structure of plants and animals as well as human physiology. Students in this course are required to take the Advanced Placement Biology Exam. *Prerequisites: Teacher recommendation in accordance with the College Board Advanced Placement Equity policy.*

### **15822 APPLIED BIOLOGY: College Prep**

**1.2 Credits**

- ✓ **This class will have a double period once per week**

This lab-based course incorporates the Massachusetts Science Curriculum Frameworks and twenty-first century skills. Topics include: structure and composition of organic molecules, structure and function of cells, hydrolysis, dehydration synthesis, protein synthesis, genetics, human anatomy and physiology, evolution and biodiversity, taxonomy; and ecology. **This course may be taken in addition to but not in lieu of an MCAS science course.**

*Prerequisites: The requirement is that 15311, 15202 or 15302 be successfully completed with a passing grade.*

### **15821 APPLIED BIOLOGY: Honors**

**1.2 Credits**

- ✓ **This class will have a double period once per week**

This lab-based course incorporates the Massachusetts Science Curriculum Frameworks and twenty-first century skills. Topics include structure and composition of organic molecules, structure and function of cells, genetics and the structure and function of DNA, evolution and biodiversity, taxonomy, and ecology. **This course may be taken in addition to but not in lieu of an MCAS science course.**

*Prerequisites: The requirement is that 15302, 15211 or 15311 be successfully completed with a passing grade.*

### **15232 COLLEGE MARINE BIOLOGY**

**1.2 Credits**

- ✓ **This class will have a double period once per week**

This course is a standards based course, which incorporates the Massachusetts Science Curriculum Frameworks. Topics include structure and composition of organic molecules, structure and function of cells, hydrolysis, dehydration synthesis, protein synthesis, genetics, human anatomy and physiology, evolution and biodiversity, taxonomy, and ecology with an emphasis on marine sciences.

### **15241 HONORS MARINE BIOLOGY**

**1.2 Credits**

- ✓ **This class will have a double period once per week**

This is a standards based course, which incorporates the Massachusetts Science Curriculum Frameworks. Topics include structure and composition of organic molecules, structure and function of cells, hydrolysis, dehydration synthesis, protein synthesis, genetics, human anatomy and physiology, evolution and biodiversity, taxonomy, and ecology with an emphasis on marine sciences.

**15311 HONORS CHEMISTRY****1.2 Credits**

- ✓ **This class will have a double period once per week**

Honors Chemistry is a standards based course which incorporates the Massachusetts Curriculum for chemistry. The course affords students extensive opportunities to study the properties of matter, atomic structure and periodicity, chemical bonding, chemical reactions, the gas laws, solutions, acids and bases, equilibrium and kinetics, and electro- and thermo-chemistry. Students should have the mathematical skills necessary to deal with the quantitative measurements made in lab

**15302 COLLEGE CHEMISTRY****1.2 Credits**

- ✓ **This class will have a double period once per week**

College Chemistry is a standards based course incorporates the Massachusetts Curriculum Frameworks for chemistry. This overview of chemistry includes the properties of matter, atomic structure and periodicity, chemical bonding, chemical reactions, the gas laws, solutions, acids and bases, and equilibrium, and thermo-chemistry

**15321 ADVANCED PLACEMENT CHEMISTRY****1.4 Credits**

- ✓ **This class will have a double period twice per week**

This full year honors course qualifies the student to take the national AP Chemistry Exam. The curriculum followed is set by the national AP course standards and includes the topics of thermodynamics, chemical kinetics, acid/base equilibrium, electrochemistry and nuclear chemistry. Students should expect a broader emphasis on the independent work that they will be challenged to do in both theory and experimentation. Students in this course are required to take the Advanced Placement Chemistry Exam.

*Prerequisites: Teacher recommendation in accordance with the College Board Advanced Placement Equity policy.*

**15831 APPLIED HONORS CHEMISTRY****1.2 Credits**

- ✓ **This class will have a double period once per week**

This lab-based chemistry course incorporates the Massachusetts Science Curriculum Frameworks and twenty-first century skills. The course affords students extensive opportunities to study the properties of matter, atomic structure and periodicity, chemical bonding, chemical reactions, the gas laws, solutions, acids and bases, equilibrium and kinetics, and electro- and thermo-chemistry. **This course may be taken in addition to but not in lieu of an MCAS science course.**

*Prerequisites: The requirement is that 15202, 15311, or 15211 be successfully completed with a passing grade.*

**15832 APPLIED COLLEGE CHEMISTRY****1.2 Credits**

- ✓ **This class will have a double period once per week**

This lab-based chemistry course incorporates the Massachusetts Science Curriculum Frameworks and twenty-first century skills. Topics include properties of matter, atomic structure and periodicity, chemical bonding, chemical reactions, the gas laws, solutions, acids and bases, and equilibrium, and thermo-chemistry. **This course may be taken in addition to but not in lieu of an MCAS science course.**

*Prerequisites: The requirement is that 15202, 15302 or 15211 be successfully completed with a passing grade.*

**15351 HONORS ORGANIC CHEMISTRY****1.2 Credits**

This standards based course is designed to give a student an elective in the sophomore, junior or senior year that is challenging and relevant. A non-mathematical approach to the content of this course will place emphasis on the different classifications of organic compounds, their nomenclature, preparation, and physical and chemical properties. Laboratory skills and techniques will also be a major component of this lab-oriented lab.

*Prerequisites: May not be taken in lieu of 15302, 15311 as a sophomore*

**15402 COLLEGE PHYSICS****1.2 Credits**

- ✓ **This class will have a double period once per week**

College physics is a standards based course which incorporates the Massachusetts Curriculum Frameworks for physics. It is an algebra-based-course covering linear motion, dynamics, work-energy-momentum, heat, wave motion, and electromagnetism. In addition to problem solving, students will work in groups in the laboratory and in preparation of multimedia presentations.

*Prerequisites: None. However, it is recommended that students receive a "C" or better in Algebra I.*

**15414 APPLIED PHYSICS****1.2 Credits**

- ✓ **This class will have a double period twice per week**

This is a full year, project-based lab course. Students will work together to explore, understand, and explain current developments in physics research and technology. Students will also complete an individual research project. The goal of the course is to develop skills for researching, understanding, and presenting current topics in physics, creating a lasting ability in the students to stay informed and understand their world as it changes. **This course may be taken in addition to but not in lieu of an MCAS science course.**

**15401 HONORS PHYSICS****1.2 Credits**

- ✓ **This class will have a double period once per week**

Honors Physics is a standards based course which incorporates the Massachusetts Curriculum Frameworks for physics. It is an algebra-based-course covering motion, dynamics, work-energy-momentum, heat, wave motion, and electromagnetism. In addition to problem solving, students will work in groups in the laboratory and in preparation of multimedia presentations.

*Prerequisites : None. However, it is recommended that students receive a "C" or better in Honors Algebra I.*

**15431 ADVANCED PLACEMENT PHYSICS****1.4 Credits**

- ✓ **This class will have a double period twice per week**

This is a standards based course, which incorporates the national Advanced Placement physics curriculum. Coursework in this advanced placement level class is rigorous and moves at an accelerated pace. It presents wave motion, geometric optics, electromagnetism, and nuclear physics. Emphasis is on solving open-ended questions. Laboratory activities reinforce lecture material. Students in this course are required to take the Advanced Placement Physics Exam.

*Prerequisites: Teacher recommendation accordance with the College Board Advanced Placement Equity policy.*

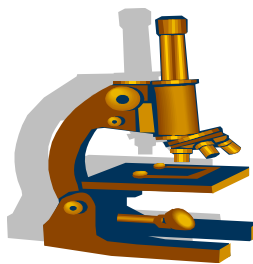
**15501 ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE****1.4 Credits**

- ✓ **This class will have a double period twice per week**

This is a standards based course which incorporates the National Advanced Placement environmental science curriculum. This course meets for the entire school year. Content of the course is based on advanced placement topics and laboratory exercises. Such topics include earth's systems, ecosystems, populations, land and water use, and pollution. Students should expect a broader emphasis on independent work than they might find in a typical honors course. Students in this course are required to take the Advanced Placement Environmental Science Exam.

*Prerequisites: Teacher recommendation in accordance with the College Board Advanced Placement Equity policy.*

## **Science Elective Course Descriptions**

**57101 HONORS HUMAN ANATOMY (Sem 1) AND/OR****.5 Credits****57121 SPORTS MEDICINE (Sem 2)****.5 Credits**

This course is designed to instruct students in human and functional anatomy, as well as in the basic concepts of sports medicine. The intent of the program is to prepare students for the future course work necessary in the following academic areas: physical therapy, athletic training and sports medicine, physical education, and related health and science careers.

**03031 HONORS MEDICAL TERMINOLOGY (Sem 2)****.5 Credits**

This course teaches the medical language used in all aspects of health care through a body systems approach, using word building which incorporates prefix, suffix and root word components. As a result students will be able to communicate effectively in a medical environment. May be articulated for credit through BCC and the Tech Prep program

**15502 ENVIRONMENTAL SCIENCE****.5 Credits**

This standards based elective is designed to give all students an elective in the freshman, sophomore, junior, or senior year that is challenging and relevant. Topics covered include earth's systems, ecosystem function and energy flow, land and water use, pollution, energy resources, and global change.

**15374 ANALYTICAL CHEMISTRY****.5 Credits**

This course will focus on the study of environmental samples to determine their composition. Students will develop the laboratory skills necessary to extract and examine samples from the surrounding environment. All necessary procedures and techniques will be developed prior to analysis to understand changes taking place at the molecular level.

*Prerequisites: The requirement is that 15302, 15311, 15832, 15831 or 15351 be successfully completed with a passing grade*

**15254 BOTANY****1.2 Credits**

✓ **This class will have a double period twice per week**

This lab course is designed for the science student who has successfully completed biology and is interested in expanding his knowledge of plants. Topics covered will include an in-depth examination of the structure of plant parts as well as unique adaptations that allow plants to survive in a wide range of changing environments.

**Prerequisite: The requirement is that 15202 or 15211 be successfully completed with a passing grade. This course may not be taken in lieu of Sophomore Biology or Sophomore Chemistry.**

**15644 MARINE SCIENCE & AQUACULTURE****.5 Credits**

This is a standards based course which includes the study of seawater chemistry, plankton, echinoderms, mollusks, crustaceans, fish, including sharks, and marine mammals. Students will be introduced to the extensive, re-circulating saltwater systems presently on line, as well as to the specimens currently being researched. Students will be expected to participate in proper maintenance of these systems as well as to maintain the assortment of vertebrate and invertebrate populations.

**Prerequisites: The requirement is that 15202, 15302, or 1521, 15311 be successfully completed with a passing grade. This course may not be taken in lieu of Sophomore Biology or Sophomore Chemistry.**

**15664 HONORS MARINE SCIENCE AND AQUACULTURE****.5 Credits**

This is an intensive, standards based course which includes the study of seawater chemistry, plankton, echinoderms, mollusks, crustaceans, fishes, and marine mammals. This course is designed for students with an interest in pursuing marine biology, oceanography, or other biological sciences as a career. Students in this course will be expected to complete independent research projects. Working with live marine animals and dissections are a requirement of this course and all students need to participate to receive credit.

*Prerequisites: The requirement is that 15211 be successfully completed or 15821 may be taken concurrently with this course.*

Note: This course may not be taken in lieu of 15211 or 15311 (Sophomore Honors Biology or Chemistry)

**15522 INTRODUCTION TO METEOROLOGY****.5 Credits**

This course covers the basic fundamentals of meteorology and is open to all students at Durfee. Topics will include surface maps, the earth's atmosphere, weather instruments, forecasting, clouds, natural disasters, and El Nino. Students will be required to observe and record data in a daily weather log.

**15364 COLOR OF CHEMISTRY****.5 Credits**

This course will give the students an understanding of how pigments and light produce color. Students will examine the types of chemicals (chromophores) that produce color and the various chemicals which intensify color. Natural and synthetic dyes and pigments will also be investigated. This course will also cover the different classes of dyestuffs and their use in various types of products. Students will also formulate several types of products with and without color to determine the benefits of coloring compounds.

**15844 DISEASE, DEATH, AND DEMOGRAPHICS****.5 Credits**

Why is it that certain races or social groups are at greater risk of dying from certain diseases? This course investigates the factors that contribute to the spread of disease such as genetics, geography, and social behaviors. Topics will include outbreak investigation, survival analysis, and epidemic prevention of both common and exotic infectious diseases.

**15594 ADVANCED LABORATORY TECHNIQUES****.5 Credits**

This standards based elective course is designed for the science student who has successfully completed biology and is interested in expanding and developing his skills in the biology laboratory. Students will learn to use and apply a variety of laboratory techniques as they execute different laboratory exercises and design their own experiments. Students will work with more sophisticated lab equipment as well as a number of different living organisms.

**15834 SCIENCE INDEPENDENT RESEARCH****.5 Credits**

This independent research course will provide an opportunity to conduct authentic research on a topic selected by the student with the expected outcome being participation in the Durfee High School Science Fair. Students will be assigned a faculty advisor to supervise their research. This course will meet during the first semester only and be assigned as the student's schedule permits.

**15684 NORTH AMERICAN WILDLIFE****.5 Credits**

This course covers basic biological and management principles of wildlife species native to North America, with an emphasis on species native to New England. Basic principles of wildlife management such as population growth, carrying capacity, habitat needs, and regulation will be discussed. Labs will include wildlife identification and application of principles discussed in lecture. Handling of some dead specimens will be required.

*Prerequisites: 15211, 15202, 15822 or 15821*

**15694 NORTH AMERICAN WILDLIFE 2****.5 Credits**

This course is a continuation of North American Wildlife and covers the principles of ornithology, including bird physiology, behavior, and identification. Current topics in wildlife management with a focus on game birds and waterfowl will be discussed. Students will be required to participate in activities, including birding, outdoors.

*Prerequisite: North American Wildlife 15684*

**15514 THE BIOLOGY OF HUMAN REPRODUCTION****.5 Credits**

This elective course will focus on the biological aspects of human reproduction. Topics include reproductive hormones, anatomy and physiology, development, childbirth, genetic disorders, infertility, birth control, and sexually transmitted diseases.

**15654 TRAVELING SEA LAB****1.75 Credits**

✓ **This class will have a double period three times per week**

This standards based course will challenge students in a program based on visiting area elementary schools and giving presentations relating to the knowledge attained through course content from Marine Science and Aquaculture. Live marine animals are reared in the Aquaculture Labs and transported to the Fall River elementary schools where Durfee students interact with the elementary students. Students will be required to maintain the freshwater and saltwater systems in the labs at Durfee on a daily basis.

*Prerequisites: Successful completion of 15644 (Marine Science and Aquaculture) and only with the permission of the instructor*

**15624 ASTRONOMY****.5 Credits**

This survey course deals with the fundamentals of astronomy and is designed to lead the student through a general consideration of the theories pertaining to the origin, design, and extent of the universe.

**15734 STUDENT LAB AIDE PROGRAM****.25 Credits**

This program is an opportunity for those students who have an interest in working in a science laboratory. Students will act as lab assistants to faculty members, assisting in the set-up, functioning, and dismantling of science laboratory experiments. An application form must be submitted to the Department Head for approval.

**15512 HUMAN BIOLOGY AND FORENSICS****1 Credit**

✓ **This class will have a double period twice per week**

This standards based elective lab course will examine human biological topics including evolution, reproduction, growth and development, adaptations, diseases and disorders, aging and death. This course will also explore different fields in forensics. These topics will be addressed in an applied and connected manner.

*Prerequisite: May not be taken in lieu of 15202 or 15211.*

## **Engineering Elective Course Offerings**

**40044 INTRODUCTION TO ENVIRONMENTAL ENGINEERING****.5 Credits**

This standards based elective course is open to all students at Durfee High School. Topics covered include study of ecosystems, water pollution, hydrology, topographic maps, groundwater, and hazardous materials. This introduction course may be taken alone or in preparation for environmental engineering. This course introduces students to the fundamentals and concepts of engineering and ecology.

**40144 ENVIRONMENTAL ENGINEERING****.5 Credits**

This standards based elective course is open to all students at Durfee High School. This course introduces students to the basic fundamentals and concepts of engineering and ecology. Topics covered include study of ecosystems, water quality, hydrology, topography, groundwater, wetlands delineation, and vernal pond certification.

**40054 CAD IA****.5 Credits**

Students will be introduced to the first half of AutoCAD, the premier Computer-Assisted Design (CAD) software for personal computers. Lectures, tutorials, and exercises will expose students to the beginning aspects of 2-D drafting and design as these relate to architectural, mechanical, and electrical design. Orthographic Isometric, section, and pictorial views related to mechanical drafting will be explored as well as site plans and elevations for architectural drawings. Full-scale drawings will also be constructed where applicable.

**40064 CAD IB****.5 Credits**

Students will be introduced to the second half of AutoCAD, the premier Computer-Assisted Design (CAD) software for personal computers. Lectures, tutorials, and exercises will expose students to all aspects of 2-D drafting and design as these relate to architectural, mechanical, and electrical design. Orthographic Isometric, section, and pictorial views related to mechanical drafting will be explored as well as site plans and elevations for architectural drawings. Full-scale drawings will also be constructed where applicable.

*Prerequisite: Successful completion of CAD IA*

**40154 CAD IIA****.5 Credits**

This 3D course exposes the student to the first half of three-dimensional modeling and includes the development and use of computers in the design industry. The students will use computers to solve drafting and engineering problems and develop skills in new areas of computer drafting to include 3D design problems or architectural design.

*Prerequisite: Successful completion of CAD IA and CAD IB*

**40164 CAD IIB****.5 Credits**

This 3D course exposes the student to the second half of three-dimensional modeling and includes the development and use of computers in the design industry. The students will use computers to solve drafting and engineering problems and develop skills in new areas of computer drafting to include 3D design problems or architectural design.

*Prerequisite: Successful completion of CAD IA, CAD IB and CAD IIA*

**40254 CAD III APPLICATIONS****.5 Credits**

The students will use computers to solve complex drafting and engineering problems, development skills in new areas of computer drafting to include advanced technical projects in mechanical and architectural design.

*Prerequisite: Successful completion of CAD II*

**40004 PRINCIPLES OF ENGINEERING****.5 Credits**

This computer-based course will allow students to explore mechanical engineering and related careers. Students will investigate tools, materials, and manufacturing processes through hands-on activities and the application of the engineering design process. Students will explore energy and power, mechanisms and their use in systems.

**40014 BIOENGINEERING****.5 Credits**

This standards based course describes how biotechnology is used today, and how it may affect society in the future. Topics include: cloning, stem cells and gene therapy, as well as applications in agriculture, forensics and ecology. Labs, computer activities, and discussions of current events support our exploration of this dynamic science and its career opportunities.

**40274 INTRODUCTION TO SURVEYING AND MAPPING****.5 Credits**

The course will introduce students to land surveying and mapping. Students will learn to utilize transit equipment in the classroom and in the field. Measurements will be mapped using AutoCAD 2004 land desktop and AutoCAD survey. The course will introduce the student to the fields of Land Planning, Surveying, Civil Engineering, and Drafting. A knowledge of AutoCAD is helpful but not required.

Prerequisite: Passing grade in CAD I or instructor approval

# Social Studies

The History and Social Studies Department currently offers a wide selection of courses. Each student must pass three history courses. They are: Grade 9 - United States History I, Grade 10 - United States History II, and Grade 11 – World History II, earning three credits, in order to graduate from B.M.C. Durfee High School. Three Advanced Placement courses are also offered for students in Grades 11 and 12. These three courses may take the place of World History II as a student's third course requirement. Aside from these courses, students have the opportunity to explore other options, such as Economics (a study of how money works), Government and Citizenship, Psychology or Sociology (study of human relationships). In addition, the department offers a number of history electives that allow students to study a topic in more depth, such as America in the Sixties or the History of Fall River.

Durfee High School is committed to offering a curriculum in history and the social sciences that will prepare students for success in the community, the world of work or further education. When selecting courses, students should consider the level and prerequisites outlined in the descriptions, these requirements and their interests.

***Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-2012.***

## **Possible Social Science Related Career Pathways**

- ✓ There are many elective offerings within the Social Studies Department that provide student exposure to a wide variety of career pathways.
- ✓ There are many elective offerings in other departments that also support these career pathways.
- ✓ A sample of related career pathways are as follows:

Education/Teaching	Law	Research
Criminal Justice	Psychology	Historical Preservation
Political Science	Social Work	

## ***Suggested Social Studies courses for a career in Political Science:***

- Introduction to Psychology
- Practical Law
- Introduction to Sociology
- Intro to Economics

## Social Studies Core Course Offerings

<b>COURSE #</b>	<b>DESCRIPTION</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
16201	U.S. History I - Honors	1	9	YR	1
16202	U.S. History I – College Prep	2	9	YR	1
16211	U.S. History II - Honors	1	10	YR	1
16212	U. S. History II – College Prep	2	10	YR	1
16111	World History II - Honors	1	11	YR	1
16112	World History II – College Prep	2	11	YR	1
16521	AP American Government & Politics ( 7 period class)	AP	11,12	YR	1.4
16221	AP United States History (7period class)	AP	11,12	YR	1.4
16321	AP European History (7 period class)	AP	11,12	YR	1.4

## Elective Course Offerings

<b>COURSE #</b>	<b>DESCRIPTION</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
16654	Intro to American Government & Citizenship	EI	9, 10	SEM	.5
16334	Introduction to Economics	EI	9, 10	SEM	.5
16764	Geography and the World Today	EI	10, 11, 12	SEM	.4
16784	Sports in American Life	EI	10, 11, 12	SEM	.5
16664	History of Fall River	EI	10,11, 12	SEM	.4
16614	American Government	EI	11, 12	SEM	.5
16304	Economics	EI	11, 12	SEM	.5
16414	Introduction to Psychology	EI	11, 12	SEM	.5
16424	Child Psychology	EI	11, 12	SEM	.5
16434	Adolescent Psychology	EI	11, 12	SEM	.5
16404	Introduction to Sociology	EI	11, 12	SEM	.5
16444	Advanced Sociology	EI	11, 12	SEM	.5
16634	Women’s Issues in History	EI	11, 12	SEM	.4
16544	Practical Law	EI	11, 12	SEM	.5
16704	America in the Sixties	EI	11, 12	SEM	.5
16824	American Assassinations	EI	11, 12	SEM	.5
16834	Current Events	EI	11, 12	SEM	.4

## Core Course Descriptions

### **16201 HONORS UNITED STATES HISTORY I GRADE 9**

**1 Credit**

United States History I is a required course for all Grade 9 students and must be passed for graduation. This course includes the History of the United States from 1763 to 1865. Based on the Massachusetts History and Social Science Curriculum Framework Standards U.S. I.1-41, topics include the American Revolution, the Constitution, westward expansion, sectional conflict, the Civil War, and the consequences of the Civil War. Honors level courses are designed for students seeking a high level of academic rigor with an emphasis on research and independent learning. The pace is quicker and the content goes well beyond the core curriculum. Student competencies should include strong reading and writing skills and the ability to work independently and complete assignments on time.

### **16202 UNITED STATES HISTORY I:COLLEGE PREP GRADE 9**

**1 Credit**

United States History I is a required course for all Grade 9 students and must be passed for graduation. This course includes the History of the United States from 1763 to 1865. Based on the Massachusetts History and Social Science Curriculum Framework Standards U.S. I.1-41, topics include the American Revolution, the Constitution, westward expansion, sectional conflict, the Civil War, and Reconstruction.

College Prep level courses are intended to prepare students for college. Students will read and write in history and practice basic research techniques. The ability to work independently and to complete outside assignments on time are critical to success.

### **16211 HONORS UNITED STATES HISTORY II GRADE 10**

**1 Credit**

This is a required course for Grade 10 students, which must be passed to meet graduation requirements. The course continues the study of United States History begun in U.S. History I, beginning with the late 19<sup>th</sup> century and continuing to the present day. Students will study the Industrial Revolution, America's role in diplomatic relations, the Progressive movement and the New Deal. They will also learn about the factors that led to America's entry into World War II as well as causes of the Cold War, the Civil Rights movement and recent events and trends in America. This course is based on the Massachusetts History and Social Science Curriculum Framework Standards U.S. II.1-33. An honors level course is for the student who not only wants to study basic historical events, but also broad historical concepts that are essential for advanced historical study. Student competencies should include strong reading and writing skills, and knowledge of basic research techniques. The ability to work independently and complete long term assignments on time is also critical to success.

**Prerequisite:** *A passing grade in United States History I is required.*

### **16212 UNITED STATES HISTORY II: COLLEGE PREP GRADE 10**

**1 Credit**

This is a required course for Grade 10 students, which must be passed to meet graduation requirements. The course continues the study of United States History begun in U.S. History I, beginning with the late 19<sup>th</sup> century and continuing to the present day. Students will study the Industrial Revolution, America's role in diplomatic relations, the Progressive movement and the New Deal. They will also learn about the factors that led to America's entry into World War II as well as causes of the Cold War, the Civil Rights movement and recent events and trends in America. This course is based on the Massachusetts History and Social Science Curriculum Framework Standards U.S. II.1-33. College Prep level courses are for the student who intends to attend college and still wants a rigorous course.

**Prerequisite:** *A passing grade in United States History I is required.*

### **16111 HONORS WORLD HISTORY II: GRADE 11**

**1 Credit**

Studying topics beginning with the French Revolution to the present day, this **required** course is designed to give students a better understanding of the world around us. The course is based on the standards in the Massachusetts History and Social Science Framework WHII.1-48. Topics will include the industrial revolution, European imperialism in Africa, Asia, and South America, and the major conflicts and wars of the 19<sup>th</sup> and 20<sup>th</sup> centuries. An honors level course is for the student who not only wants to study basic historical events, but also broad historical concepts that are essential for advanced historical study. The pace is quicker and the content goes well beyond the core curriculum. Student competencies should include reading and writing above grade level and knowledge of basic research techniques. The ability to work independently and complete long term assignments on time is also critical to success.

**16112 WORLD HISTORY II: COLLEGE PREP  
GRADE 11**

**1 Credit**

Studying topics beginning with the French Revolution to the present day, this **required** course is designed to give students a better understanding of the world around us. The course is based on the standards in the Massachusetts History and Social Science Framework WHII.1-48. Topics will include the industrial revolution, European imperialism in Africa, Asia, and South America, and the major conflicts and wars of the 19<sup>th</sup> and 20<sup>th</sup> centuries. College Prep level courses are for the student who intends to attend college and still wants a rigorous course. Student competencies should include reading and writing at grade level, and knowledge of basic research techniques. Independent work and the ability to complete outside assignments on time are critical to success.

**16221 ADVANCED PLACEMENT UNITED STATES HISTORY**

**1.4 Credits**

- ✓ **Grade 11/12**
- ✓ **This class will have a double period twice per week**

The course follows the U.S. History AP guidelines established by the College Board. Students enrolled in Advanced Placement U.S History are **required** to take the Advanced Placement examination, which is administered in May. This standards-based course is designed for students seeking the highest level of academic rigor with emphasis upon research and independent learning. ***This course fulfills one of the required three history courses for graduation and can be taken instead of World History II.*** This course prepares students for college work by making demands upon them equivalent to those made by full-year introductory college courses. Extensive reading and writing is required and a strong ability to analyze primary sources and texts will be expected.

**Prerequisite:** *History teacher recommendation*

**16521 ADVANCED PLACEMENT:  
AMERICAN GOVERNMENT AND POLITICS**

**1.4 Credits**

- ✓ **Grade 11/12**
- ✓ **This class will have a double period twice per week**

This Advanced Placement Course follows the guidelines of the College Board. The course is designed for students in Grades 11 and 12 seeking the highest level of academic rigor with emphasis upon research and independent learning. ***This course may fulfill the third required history course needed for graduation. It can be taken instead of World History II.*** It is structured to prepare students for the Advanced Placement Examination in American Government and Politics, which all students are required to take in the spring semester. The course will include a study of background and events leading up to the creation of the American Republic and will analyze the political, social and economic factors that have shaped the American Federal system of government from colonial times to the present. There is a strong focus on the close reading of the documents that have shaped our government's history. Topics studied will include: Age of the Enlightenment ,U.S. Government and Constitution, Federalism and the U.S. Congress, the Presidency and the Executive Branch , the Judicial Branch and the U.S. Legal System, Government and Economic Policy , Foreign Policy and National Security , Fundamental Freedoms and Individual Rights, Civil Rights and the Civil Rights Movement, Public Opinion and Interest Groups, Political Parties and the Electoral Process, and State Government

**Prerequisite:** *History teacher recommendation.*

**16321 ADVANCED PLACEMENT EUROPEAN HISTORY**

**1.4 Credits**

- ✓ **Grade 11/12**
- ✓ **This class will have a double period twice per week**

The AP European History course follows the guidelines of the College Board. ***This course will fulfill the third required history course needed for graduation. It may be taken instead of World History II.*** The course is designed for the student who has an interest in European History and is seeking the highest level of academic rigor with an emphasis on research and independent learning. The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which we live. Topics include: Intellectual and Cultural History, Political and Diplomatic History and Social and Economic History. Students enrolled in this course are expected to take the AP exam in the spring.

**Prerequisite:** *History teacher recommendation.*

# Social Studies Elective Course Descriptions

## **16614 AMERICAN GOVERNMENT AND CITIZENSHIP .5 Credits** **GRADES 11/12**

This standards-based, elective course for students in Grades 11 and 12 will explore the role of government in society, how our local and state governments work, political parties and the election process as well as the origins of the United States government, the branches of government, citizens' rights and responsibilities, and the United States government in today's international world. This class is especially suited to students considering studies in Political Science or history or those who may be considering careers in public service or politics.

## **16654 INTRO TO AMERICAN GOVERNMENT AND CITIZENSHIP .5 Credits** **GRADES 9/10**

This introductory government course is an excellent way to expand on the study of American History classes taught as requirements in Grades 9 and 10. Students in this class will explore the duties and responsibilities of citizenship and conduct research and do projects that explore how our government works at the local, state and federal levels. Students will learn how to access information about government, how to contact elected officials and investigate the role of government in our lives and in today's world.

## **16544 PRACTICAL LAW .5 Credits** **GRADE 11/12**

This course, based upon standards taken from U.S. History and American Government, is designed for students who are interested in studying the laws we live under and our legal system. This course, for students in Grades 11 and 12, examines the law and how it affects our lives. Some of the topics included are: how laws are made, how laws are enforced, how laws are changed, the consequences of law infractions, trial procedures, the roles of people involved in court cases, the role of the media, defense strategies, system collapse, interpretation of the law, ethics and values, and jury service.

- ✓ *Recommended for students considering a career in law enforcement, becoming a lawyer or other related field.*

## **16414 INTRODUCTION TO PSYCHOLOGY .5 Credits** **GRADES 11/ 12**

This course is designed for students in Grade 11 and 12 who are especially interested in studying human development through the life span, biological influences on behavior, personality formation, intelligence, perceptions and sensation, frustration and stress and mental health/illness. This rigorous elective is especially suited for students seeking a post-secondary education in a number of fields including, education, medical, social work or any other in which knowledge of human development is an asset.

## **16424 CHILD PSYCHOLOGY .5 Credits** **GRADES 11/ 12**

This course is designed for students in Grade 11 and 12 who are especially interested in studying child development. **A passing grade in Introduction to Psychology is a prerequisite.** It covers all areas of child development including biological beginnings, prenatal development, physical development in infancy and childhood, language and emotional development as well as families, peers and schools.

- ✓ *This rigorous elective is especially suited for students seeking a post secondary education in a number of fields including, education, medical, social work or any other in which knowledge of child development is an asset.*

## **16434 ADOLESCENT PSYCHOLOGY .5 Credits** **GRADES 11/12**

This course presents a view of theories pertaining to the intellectual and social development of adolescents. It is designed for students in Grades 11 and 12. **A passing grade in Introduction to Psychology is a prerequisite.** The topics include: historical view of adolescence, adolescent transition, biological and cognitive development, social, emotional and personality development, gender and sexuality and adolescent mental health and illness issues.

**16404 INTRODUCTION TO SOCIOLOGY****.5 Credits****GRADES 11/ 12**

This is an elective course, based upon standards developed by the North Carolina State Department of Education, for students in Grade 11 and 12. (These standards are the only high school standards presently in use across the country.) Sociology is the study of human relationships. The emphasis in this course is on race, minority groups, gender roles, social mobility and stratification, crime, world population and man's adaptation to social change. Through the study of sociology, students will develop a broader perspective of how people relate in the world with an emphasis on critical thinking.

- ✓ *Recommended for students considering a career in many areas including: education, social work, law enforcement, medicine, business.*

**16444 ADVANCED SOCIOLOGY****.5 Credits****GRADES 11/12**

This elective course for students in Grades 11 or 12 continues the study of Sociology begun in the Introductory course. There will be an emphasis on Social Inequality including social stratification and the American class system, racial and ethnic relations and gender, age and health. The course will also explore social institutions with a focus on the family, the economy, politics, education and religion. The role of science and the mass media will be investigated. Lastly, the changing social world will be studied with an emphasis on population and urbanization and collective behavior and social movements.

**Prerequisite: A passing grade in Introduction to Sociology**

**16334 INTRODUCTION TO ECONOMICS****.5 Credits****GRADES 9/10**

This standards-based course designed for students in Grades 9 and 10 will introduce students to the role that economics plays in everyday life. Topics covered will include: Consumer Economics, Supply and Demand, the Individual Consumer, Everyday Banking Practices, The Basics of Investing, Government and the Economy, and Economic Factors in Everyday Life. This course is recommended for anyone who handles money!

**16304 ECONOMICS****.5 Credits****GRADES 11 AND 12**

What is economics and how does it affect our everyday lives? This question and others such as: what and how we buy, sell, and lend affect employment, income distribution, and the balance of trade will be included. This course will examine factors that determine national income, employment, and prices. Students will analyze patterns of consumption and savings, private investment and government policy, business functions, and the interaction between money and national income. The course also addresses international economics including exchange rates, markets, and monetary systems.

- ✓ *This course is recommended for students interested in careers in business, finance or education.*

**16634 WOMEN'S ISSUES IN HISTORY****.4 Credits****GRADES 11/12**

This elective course for grade 11 and 12 students is based upon standards taken from both World and United States History and will focus on those issues which have affected women and their place in the history of the world. The major topics studied include: condition of women's rights before the 19<sup>th</sup> century, the women's suffrage movement, the women's movement of the 20<sup>th</sup> century, the effects of these movements on women of various races and religions and women and the workplace.

**16704 AMERICA IN THE SIXTIES****.5 Credits****GRADES 11 / 12**

This elective course focuses on the political and social upheaval in America during the decade of the 1960's. This course offers students the opportunity to explore in depth the political and social movements of the 1960's including the civil rights movement, the anti-war movement, and the counterculture. In addition, students will analyze America's growing involvement in Vietnam.

**16784 SPORTS IN AMERICAN LIFE**  
**GRADES 10,11,12**

**.5 Credits**

This course will examine the rise of sport in American life, stressing its cultural, social, and economic impact since the Civil War. Heroes and villains in sport will be examined in the context of their place in history. Spectator involvement in sport as well as the racial and ethnic integration of sports will be analyzed. The rise of the business of sport will be investigated. Students will study the role of the media in sports throughout history especially as it relates to expanding technologies

**16824 AMERICAN ASSASSINATIONS**  
**GRADES 11 / 12**

**.5 Credits**

This course will examine major leaders in American history and their roles in the development of the nation. Additionally, students will study a unit on major political assassinations in their historical context. Students in this topics class will review major foreign policy decisions and actions with a special focus on the time periods of the assassinated presidents and leaders.

- ✓ **Students interested in history, economics, or business would especially benefit from this course.**

**16764 GEOGRAPHY AND THE WORLD TODAY**  
**GRADES 10, 11, AND 12**

**.4 Credits**

How does geography affect the people, population density, industry, transportation, and environment of a region? In this course, students will learn how geography plays a significant role in our lives and our history. A special focus will also be placed on current events related to geography throughout the world. The National Geography Standards will form the basis of this course.

- ✓ ***These skills are useful in a number of professions including engineering, environmental sciences, earth sciences, travel, delivery organizations, etc.***

**16664 HISTORY OF FALL RIVER**  
**GRADES 10, 11, 12**

**.4 Credits**

This is an elective survey course which focuses on the history of the United States through the lens of our city. It will examine how Fall River has served as an example of typical colonial development, expansion to an urban setting, an essential location for economic development in the post Civil War period. Students will also learn about how the Great Depression affected the city as well as well known tragedies and natural disasters that have occurred here. Lastly, students will look at Fall River today. The course is based upon National United States History Standards, as well as relevant Massachusetts state standards for United States History I and United States History II.

**16834 CURRENT EVENTS**  
**GRADES 11 /12**

**.4 Credits**

This course focuses on current world events. Students in this class will examine and research major topics occurring around us. Daily newspapers, television news broadcasts and internet reports will form the basis of available reading and information. Themes that will be investigated include: politics, government, social issues, and economic concerns in our region, state, country or the world. All students in this course will be required to examine current topics, and report on them in class as well as write reaction papers to the events under study. Daily journals and participation will be expected.

# English Language Learners

This program is designed to support students whose second language is English. Courses will range from English Language development for non-English speaking students to support for core academic areas. Students in this area of study will be scheduled by their guidance counselor.

COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDIT
<b>ENGLISH</b>					
51902	ESL Level 1 Beginners Listening & Speaking	2	9-12	YR	1
51912	ESL Level 1 Beginners Reading & Writing	2	9-12	YR	1
51942	ESL Level 2 Early Intermediate Listening & Speaking	2	9-12	YR	1
51952	ESL Level 2 Early Intermediate Reading & Writing	2	9-12	YR	1
51962	ESL Level 3 Intermediate to Advanced	2	9-12	YR	1
51992	ESL Level 4 Transitioning	2	9-12	YR	1
<b>MATH</b>					
51012	ELL Math Foundations	2	9-12	YR	1
51002	ELL Algebra I	2	9-12	YR	1
51022	ELL Plane Geometry	2	10, 11, 12	YR	1
51032	ELL Algebra II	2	11, 12	YR	1
<b>SCIENCE</b>					
51513	ELL Biology I	2	9, 10	YR	1
51502	ELL Biology II	2	10, 11, 12	YR	1.5
<b>SOCIAL STUDIES</b>					
51612	ELL US History I	2	9	YR	1
51622	ELL US History II	2	10	YR	1
51623	ELL World History II	2	11	YR	1
<b>HEALTH</b>					
57244	ELL Health I	2	9-12	SEM	.5
52754	ELL Health II	2	9-12	SEM	.5
<b>ELECTIVE</b>					
11954	Language Mentor	2	9-12	SEM	.5
51982	ELL MCAS Prep Class	2	11, 12	SEM	.5
51972	ESL Composition and Communications	2	11, 12	SEM	.5

# MISSION STATEMENT

The mission of B.M.C. Durfee High School's English Language Learners Program (ELL) is to guarantee that all students in the ELL Program will reach and maintain proficiency in the English language through innovative and supportive instruction. The program will provide opportunities for each student to achieve academic success through English as a Second Language courses and Sheltered English Instruction (SEI) in the content area courses. Students will acquire the life skills necessary for personal success while celebrating the value of individual cultures.

ELL students will be held to the same standards and requirements as mainstream students. Modifications will be made to accommodate the various proficiency levels of English Language Learners.

*Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-2012.*

## ELL CORE COURSE DESCRIPTIONS

The English Language Learners (ELL) Program is for students whose native language is a language other than English and who is not currently able to perform in a mainstream English classroom. The ELL program is offered in grades nine through twelve. Placement and length of time in the program will be assessed based on proficiency levels. The goals of the program are to promote English Language proficiency while gaining knowledge in the academic content areas. The four language modalities: speaking, listening, reading, and writing, will be integrated into all academic areas in an effort to develop interdependency and skill development. Students will participate in various assessments including the MEPA and MELA-O. Additional assessments will be used as exit criteria.

### ENGLISH

#### **51902 ESL Level 1 LISTENING AND SPEAKING**

**1 Credit**

This level is designed for students who have very limited or no proficiency in English. Students will learn and practice oral skills, basic grammatical structures and vocabulary by incorporating them into situationally appropriate language. Emphasis is on developing listening and speaking skills.

#### **51912 ESL Level 1 READING AND WRITING**

**1 Credit**

This course has an emphasis on basic reading and writing skills through individual and group work. Students read and discuss short selections on topics of American culture, and various literacy works in level-appropriate English. Writing activities include guided compositions that focus on mechanics, sentences, and paragraph structure. They will be introduced to paragraph development, description, narration and summary. Students will be exposed to works of literature and will attempt to interpret various genres, such as fiction, non-fiction, drama, poetry, and the novel.

#### **51942 ESL Level 2 LISTENING AND SPEAKING**

**1 Credit**

This level is designed for students who have completed Level 1 English or have had some exposure to the English language and can produce vocabulary, writing samples, and read at an early intermediate level. Emphasis will be on expanding vocabulary and developing stronger oral skills. Exercises using taped materials, class discussions, group work, and class presentations will serve as practice.

#### **51952 ESL Level 2 READING AND WRITING**

**1 Credit**

Students in this course will focus on communication through reading and writing. Students will read a variety of genres including fables, short stories, poems, novels, essays, and plays. Frequent writing assignments in the form of reflections, journal entries, compositions, and written exercises will be combined with readings from a variety of sources. Oral skills will be enhanced through class discussions.

#### **51962 ESL Level 3 INTERMEDIATE TO ADVANCED**

**1 Credit**

This course is designed for students who have completed Level 1 and 2 and pre-transitional. Students in this course will focus on advanced vocabulary, reading, writing skills. The goal of the course is to prepare students to enter a mainstream English class. Focus will be placed on the development of academic writing and technical skills that students will need to be successful in a mainstream English class. Grammar will be reviewed in conjunction with composition through which unity and coherence will be stressed. Students will combine Listening, Speaking, Reading, and Writing skills in this course.

### **51992 ESL LEVEL 4 TRANSITIONING**

**1 Credit**

Students in this course have been identified as pre-transitional ELL students who will move into a mainstream English course upon completion. A stronger emphasis on expanded reading, writing, listening, and speaking skills will be the focus of the course. The students will complete work that is being assigned in the mainstream English classes as preparation for the transition. Mainstream assessments will also be used to ensure students are ready to move from an ELL course to a mainstream English class.

## **MATH**

### **51012 ELL MATH FOUNDATIONS**

**1 Credit**

This course is for newly arrived students with limited academic English skills and a limited background in basic mathematics. The course is designed to assist students in acquiring competencies necessary for future success in mathematics. Mathematical terms will be simplified and assignments modified to meet the language needs of students. In addition to receiving instruction in basic mathematical calculations, and concepts, selected topics in algebra and geometry will be introduced.

### **51002 ELL ALGEBRA I**

**1 Credit**

This course is designed for students who have developing English skills and basic skills in mathematics. The focus of this course will be on the structure of algebra. Major units will include polynomials, factoring, equations, functions, graphing radicals, and problem solving. Formulas and their usage, signed and literal numbers, equations, fractions, and factors will be studied. Towards the end of the course, students will be exposed to factor polynomials and solving basic equations involving polynomials.

### **51022 ELL GEOMETRY**

**1 Credit**

This course is designed for students who have not yet reached levels of proficiency in English. Students will learn vocabulary used in geometry as they are introduced to the formal structure of geometry with arithmetic, algebra, and numerical trigonometry.

### **51032 ELL ALGEBRA II**

**1 Credit**

This is a standards based yearlong course that is an extension of algebraic principles with concepts more abstract in nature. Instruction and language in this course will be simplified to meet the language needs of ELL students. Students will be introduced to algebraic vocabulary while an emphasis is directed towards understanding and applying algebraic concepts and skills will be implemented. A graphing calculator is required.

## **SCIENCE**

### **51513 ELL BIOLOGY I**

**1 Credit**

This course is for English Language Learners who continue to need a sheltered content classroom. The course provides an overview of the biology standards but the depth is modified based on language proficiency levels. There is no lab associated with this class. Topics covered will mirror those of mainstream biology classes; however the content will be adjusted to meet the needs of the English Language Learner Students.

### **51502 ELL BIOLOGY II**

**1 Credit**

This course is designed for English Language Learner students. The course emphasizes the science of living things through class discussions, investigative processes and laboratory experiences. Topics covered in this course will mirror those of mainstream biology courses; however, the content will be modified to meet the language needs of the ELL students. Students will also focus on MCAS preparation.



## **SOCIAL STUDIES**

### **51612 ELL UNITED STATES HISTORY**

**1 Credit**

This course includes the History of the United States from 1763 to 1877 or French and Indian War through Reconstruction. ELL students will especially focus on the history of immigration and assimilation in the United States and focus on the symbols of America. Students will participate in civic activities to highlight the responsibilities and advantages of American citizenship.

### **51622 ELL UNITED STATES HISTORY II**

**1 Credit**

Grade 10 students continue the study of United States History beginning with late nineteenth century Industrialization and continuing to the present day. ELL students will study America's growing role in the world through the twentieth century. There will be a special focus on immigration patterns, laws and citizenship. They will also learn about the causes and consequences of the Industrial Revolution, America's role in diplomatic relations, and the accomplishments of the Progressive movement and the New Deal as well as the factors that led to America's entry into World War II, causes of the Cold War, the Civil Rights movement and recent events and trends in America.

### **51623 ELL WORLD HISTORY II**

**1 Credit**

This course is the third required course for students primarily in grade 11. This course is designed to give students a better understanding of the rise of nations in Europe, revolutions in France, Latin America, and Russia. It will examine the political, economic, and social roots of the modern world. This course for ELL students will have a special focus on the study of countries where students originate. This will permit research and oral presentations on topics of interest to the students and provide an opportunity to share their heritage with others.

## **HEALTH**

### **57244 ELL HEALTH I**

**.5 Credits**

This course is required for all students and is designed to provide basic health concepts necessary for making good decisions to enhance optimal health. Topics discussed will include reproductive health interpersonal relationships, disease prevention, STD's as well as addiction and alcohol. Materials in this course will be adapted to meet the language needs of the ELL students.

### **52754 ELL HEALTH II**

This course is designed to present basic health concepts that are necessary for the achievement optimal health. Topics discussed will include nutrition and weight management concepts, mental health, substance abuse, reproductive health, and maintaining healthy body systems.

## **ELL ELECTIVE COURSE DESCRIPTIONS**

### **11954 LANGUAGE MENTOR**

**.5 Credits**

Students who wish to assist bilingual students or teachers of bilingual students and be assigned within the classroom setting, lab, or study hall, may request this course which meets 5 times a week. Students must have successfully passed two years of a World Language or/and must be fluent in a foreign language.

### **51972 ELL COMPOSITION AND COMMUNICATIONS**

**.5 Credits**

In this course, students will focus on developing strong writing skills. This half year course is designed to enhance grammar and essay development for English Language Learners. The focus of this course will be to improve writing and oral skills through instruction, students reading and writing, peer editing and oral presentations. grammar and composition exercises will support major writing assignments.

### **51982 ELL MCAS PREP CLASS**

**.5 Credits**

This class will provide additional opportunities for ELL students to prepare for the MCAS test. Students will be exposed to MCAS questions and will learn how to identify story elements, writing conventions and mechanics, and figurative language. Students will also practice compositions based on works of literature in preparation for the test. In addition, students placed in an ELL MCAS prep class that focuses on math or science will practice concepts from those content areas in preparation for the MCAS test.

# WORLD LANGUAGES

**L**anguage is our connector to the world and to our community. As the world becomes more interdependent, and as American citizenship means world citizenship, our students will need to communicate across cultural and linguistic boundaries. The World Languages Department offers a variety of courses that will lead our students to fulfill these goals of international understanding and communications for the future.

It is the goal of the World Language Department that every student achieves and develops the ability to understand, speak, read, and write in the target language, while at the same time developing global awareness and knowledge of different cultures.

**Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-12**

## **World Language Graduation Requirement:**

All BMC Durfee students are required to take and pass 2 credits from the World Language Course offerings to graduate.

## **The Benefits and advantages of taking a World Language:**

The study of a World Language will help all students regardless of their future goals or career pathways since they will be able to communicate with more people and will be prepared to interact in our globalized world. Students will be more marketable as they apply for college, as they enter the world of work, or the world of service.

- ✓ **College Acceptance:** Competitive colleges require a minimum of two years of a World Language and many institutions of higher learning are now requiring three years of foreign language study of the same language at the high school level. Colleges are looking for well-rounded students prepared for the globalized world.
- ✓ **World of Work:** Knowledge of a second language gives college graduates opportunities for better and more interesting jobs. Companies need employees who are well skilled workers who understand the clients, culture, and language.
- ✓ **World of Service:** Students who speak another language and pursue a career in the military will be prepared to communicate with people in their native language as they travel the world. Being bilingual in the military may open more job and travel opportunities within the military and may assist in advancing in your military career.

The benefits of knowing a second language are endless. Bilingual students can enter into any career such as careers in the medical field, legal field, interpreting, travel, and business to name a few. Regardless of the profession, students will be more valuable since they will be able to communicate and socially interact in today's diverse society.

All Honors/Advanced Placement core courses enable a student to prepare for the SAT achievement exams and the AP exams in languages. Five years of French, Spanish, and Portuguese are offered. Two years of German and three years of Latin are offered in this grouping.

## World Language Core Courses

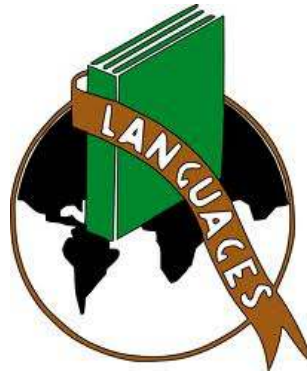
<b>COURSE #</b>	<b>DESCRIPTION</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
11101	French 1 Honors	1	9-12	YR	1
11102	French 1	2	9-12	YR	1
11111	French 2 Honors	1	10-12	YR	1
11112	French 2	2	10-12	YR	1
11121	French 3 Honors	1	11-12	YR	1
11122	French 3	2	11-12	YR	1
11131	French 4 Honors	1	11-12	YR	1
11151	AP French	AP	11-12	YR	1.4
11602	Khmer 1	2	9-12	YR	1
11612	Khmer 2	2	10-12	YR	1
11622	Khmer 3	2	11-12	YR	1
11501	German 1 Honors	1	9-12	YR	1
11502	German 1	2	9-12	YR	1
11511	German 2 Honors	1	10-12	YR	1
11512	German 2	2	10-12	YR	1
11401	Latin 1 Honors	1	9-12	YR	1
11411	Latin 2 Honors	1	10-12	YR	1
11421	Latin 3 Honors	1	11-12	YR	1
11201	Portuguese 1 Honors	1	9-12	YR	1
11202	Portuguese 1	2	9-12	YR	1
11211	Portuguese 2 Honors	1	10-12	YR	1
11212	Portuguese 2	2	10-12	YR	1
11221	Portuguese 3 Honors	1	11-12	YR	1
11222	Portuguese 3	2	11-12	YR	1
11231	Portuguese 4 Honors	1	11-12	YR	1
11261	Advanced Portuguese	1	11-12	YR	1
11292	Portuguese 1 for Heritage Lang. Learners	2	9-12	YR	1
11282	Portuguese 2 for Heritage Lang. Learners	2	10-12	YR	1
11301	Spanish 1 Honors	1	9-12	YR	1
11302	Spanish 1	2	9-12	YR	1
11311	Spanish 2 Honors	1	10-12	YR	1
11312	Spanish 2	2	10-12	YR	1
11321	Spanish 3 Honors	1	11-12	Yr	1
11322	Spanish 3	2	11-12	YR	1
11331	Spanish 4 Honors	1	11-12	YR	1
11351	AP Spanish	AP	11-12	YR	1.4
11382	Spanish 1 for Heritage Lang. Learners	2	9-12	YR	1
11362	Spanish 2 for Heritage Lang. Learners	2	10-12	YR	1
11392	An Invitation To Languages And Cultures 1	2	9, 10	YR	1
11394	An Invitation To Languages And Cultures 2	2	10, 11, 12	YR	1

## *World Language Elective Courses*

<b>COURSE #</b>	<b>DESCRIPTION</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
11204	Portuguese for Health Careers	EL	11, 12	Semester	.4
11304	Spanish for Health Careers	EL	11, 12	Semester	.4
11754	Language Lab Aide	EL	11, 12	Semester	.4
11954	Language Mentor (5 days per week)	EL	11, 12	Semester	.5

**Note:**

- (1) Portuguese for Health Careers (11204) and Spanish for Health Careers (11304) are elective courses that require students to be enrolled in or have completed the third year of Spanish/Portuguese.
- (2) For students intending to take the AP courses in French or Spanish as well as students who plan to take Advanced Portuguese, it is recommended that they enroll in all honors level courses in World Languages prior to taking these courses.



# World Language Core Course Descriptions

## **11101 HONORS FRENCH I**

**1 Credit**

Honors French I is offered to highly motivated students who have shown a high level of interest and achievement. It is conducted on an accelerated basis in order to insure that students are prepared to continue their studies in honors French II. This course introduces students to the working vocabulary and rules of pronunciation and basic grammar of the French language. Students will be introduced to the diverse cultures of the French-speaking world as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

## **11102 FRENCH I**

**1 Credit**

French I introduces students to the working vocabulary and rules of pronunciation and basic grammar of the French language. Students will be introduced to the diverse cultures of the French-speaking world as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

## **11111 HONORS FRENCH II**

**1 Credit**

Honors French II is offered to highly motivated students who have shown a high level of interest and achievement in French I. In this course students will expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in French, and further explore the cultures of the French-speaking world.

## **11112 FRENCH II**

**1 Credit**

In French II students expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in French, and further explore French culture. Success in this course fulfills the minimum two- year requirement for students.

## **11121 HONORS FRENCH III**

**1 Credit**

Honors French III is an accelerated third year course for the highly motivated student who has done well in the previous two years of the language. The four language skills will continue to be presented at an accelerated pace and also be developed at a very high level in order to achieve adequate written and oral proficiency. This course includes further study of the French-speaking world.

- ✓ *Any student thinking of applying to a four-year college and wishing to attain a practical degree of proficiency should consider taking a minimum of three years of the same language.*

## **11122 FRENCH III**

**1 Credit**

French III is designed for the highly motivated student who has done well in the previous two years of the language. The four language skills will continue to be presented at an accelerated pace and also be developed at a very high level in order to achieve adequate written and oral proficiency. This course includes further study of the French-speaking world.

- ✓ *Any student thinking of applying to a four-year college and wishing to attain a practical degree of proficiency should consider taking a minimum of three years of the same language.*

## **11131 HONORS FRENCH IV**

**1 Credit**

This course is conducted in French at an accelerated pace and is offered to the highly motivated student. It utilizes the basic language patterns taught in French I, II, and III with concentration on using the language to discuss various readings on history, culture and literary short stories, prose, and poetry. The activities in this course are designed to help develop the student's ability to understand spoken French in various conversational situations and to help the student express him/herself in the target language accurately and resourcefully, both orally and in writing. Students will continue their study of the history, culture, and civilization of the French-speaking world.

**11151 AP FRENCH****1.4 Credits**

This intensive, accelerated, full year course is designed for extremely motivated students who will be taking the Advanced Placement Language Exam or the SAT II in French in their junior or senior year. This is a fast paced course conducted in French designed to continue the development of a student's oral and written abilities in French and equals a 5<sup>th</sup> semester course in college. Major emphasis will be placed on the development of the students writing and speaking proficiency at near native ability. Students will continue their study of the history, culture, and civilization of the French-speaking world.

- ✓ This class will have a double period twice per week

**11201 HONORS PORTUGUESE I****1 Credit**

Honors Portuguese I is offered to highly motivated students who have shown a high level of interest and achievement. It is conducted on an accelerated basis in order to insure that students are prepared to continue their studies in honors Portuguese II. This course introduces students to the working vocabulary and rules of pronunciation and basic grammar of the Portuguese language. Students will be introduced to the diverse cultures of the Portuguese-speaking world as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

**11202 PORTUGUESE I****1 Credit**

Portuguese I introduces students to the working vocabulary and rules of pronunciation and basic grammar of the Portuguese language. Students will be introduced to the diverse cultures of the Portuguese-speaking world as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

**11211 HONORS PORTUGUESE II****1 Credit**

Honors Portuguese II is offered to highly motivated students who have shown a high level of interest and achievement in Portuguese I. In this course students will expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in Portuguese, and further explore the cultures of the Portuguese-speaking world.

**11212 PORTUGUESE II****1 Credit**

In Portuguese II students expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in Portuguese, and further explore the cultures of the Portuguese-speaking world. Success in this course fulfills the minimum two-year requirement for students.

**11221 HONORS PORTUGUESE III****1 Credit**

Honors Portuguese III is an accelerated third year course for the highly motivated student who has done well in the previous two years of the language. The four language skills will continue to be presented at an accelerated pace and also be developed at a very high level in order to achieve adequate written and oral proficiency. This course includes further study of the Portuguese-speaking world.

- ✓ *Any student thinking of applying to a four-year college and wishing to attain a practical degree of proficiency should consider taking a minimum of three years of the same language.*

**11222 PORTUGUESE III****1 Credit**

Portuguese III is designed for the highly motivated student who has done well in the previous two years of the language. The four language skills will continue to be presented at an accelerated pace and also be developed at a very high level in order to achieve adequate written and oral proficiency. This course includes further study of the Portuguese-speaking world.

- ✓ *Any student thinking of applying to a four-year college and wishing to attain a practical degree of proficiency should consider taking a minimum of three years of the same language.*

**11231 HONORS PORTUGUESE IV****1 Credit**

This course is conducted in Portuguese at an accelerated pace and is offered to the highly motivated student. It utilizes the basic language patterns taught in Portuguese I, II, and III with concentration on using the language to discuss various readings on history, culture and literary short stories, prose, and poetry. The activities in this course are designed to help develop the student's ability to understand spoken Portuguese in various conversational situations and to help the student express him/herself in the target language accurately and resourcefully, both orally and in writing. Students will continue their study of the history, culture, and civilization of the Portuguese-speaking world.

**11261 ADVANCED PORTUGUESE****1.4 Credits**

This intensive, accelerated, full year course is designed for extremely motivated students. This is a fast paced course conducted in Portuguese designed to continue the development of a student's oral and written abilities in Portuguese and equals a 5<sup>th</sup> semester course in college. Major emphasis will be placed on the development of the students writing and speaking proficiency at near native ability. Students will continue their study of the history, culture, and civilization of the Portuguese-speaking world.

**11292 PORTUGUESE I FOR HERITAGE LANGUAGE LEARNERS****1 Credit**

This course is designed for students who speak and hear Portuguese at home and have basic reading and writing skills. This course will enable students of Portuguese Speaking countries to improve their academic and literacy skills in Portuguese. Besides strengthening their language skills, it is designed to develop and enhance a cultural awareness for their own culture as well as the various cultures of the Portuguese Speaking World. Students will also be introduced to the various genres of Portuguese Literature.

**11282 PORTUGUESE 2 FOR HERITAGE LANGUAGE LEARNERS****1 Credit**

This course continues the study of Portuguese begun in Portuguese 1 for Heritage Language Learners. Portuguese-speaking students, who speak and hear Portuguese at home, will continue to strengthen their Portuguese language skills, study the various cultures of the Portuguese-speaking world, and further develop a cultural awareness for their own culture and the diverse cultures of the Portuguese world.

**11301 HONORS SPANISH I****1 Credit**

Honors Spanish I is offered to highly motivated students who have shown a high level of interest and achievement. It is conducted on an accelerated basis in order to insure that students are prepared to continue their studies in honors Spanish II. This course introduces students to the working vocabulary and rules of pronunciation and basic grammar of the Spanish language. Students will be introduced to the diverse cultures of the Spanish-speaking world as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

**11302 SPANISH I****1 Credit**

Spanish I introduces students to the working vocabulary and rules of pronunciation and basic grammar of the Spanish language. Students will be introduced to the diverse cultures of the Spanish-speaking world as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

**11311 HONORS SPANISH II****1 Credit**

Honors Spanish II is offered to highly motivated students who have shown a high level of interest and achievement in Spanish I. In this course students will expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in Spanish, and further explore the cultures of the Spanish-speaking world.

**11312 SPANISH II****1 Credit**

In Spanish II students expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in Spanish, and further explore the cultures of the Hispanic world. Success in this course fulfills the minimum two- year requirement for students.

**11321 HONORS SPANISH III****1 Credit**

Honors Spanish III is an accelerated third year course for the highly motivated student who has done well in the previous two years of the language. The four language skills will continue to be presented at an accelerated pace and also be developed at a very high level in order to achieve adequate written and oral proficiency. This course includes further study of the Spanish-speaking world.

- ✓ *Any student thinking of applying to a four-year college and wishing to attain a practical degree of proficiency should consider taking a minimum of three years of the same language.*

**11322 SPANISH III****1 Credit**

Spanish III is designed for the highly motivated student who has done well in the previous two years of the language. The four language skills will continue to be presented at an accelerated pace and also be developed at a very high level in order to achieve adequate written and oral proficiency. This course includes further study of the Spanish-speaking world.

- ✓ *Any student thinking of applying to a four-year college and wishing to attain a practical degree of proficiency should consider taking a minimum of three years of the same language.*

**11331 HONORS SPANISH IV****1 Credit**

This course is conducted in Spanish at an accelerated pace and is offered to the highly motivated student. It utilizes the basic language patterns taught in Spanish I, II, and III with concentration on using the language to discuss various readings on history, culture and literary short stories, prose, and poetry. The activities in this course are designed to help develop the student's ability to understand spoken Spanish in various conversational situations and to help the student express him/herself in the target language accurately and resourcefully, both orally and in writing. Students will continue their study of the history, culture, and civilization of the Spanish-speaking world.

**11351 AP SPANISH****1.4 Credits**

This intensive, accelerated, full year course is designed for extremely motivated students who will be taking the Advanced Placement Language Exam or the SAT II in Spanish in their junior or senior year. This is a fast paced course conducted in Spanish designed to continue the development of a student's oral and written abilities in Spanish and equals a 5<sup>th</sup> semester course in college. Major emphasis will be placed on the development of the students writing and speaking proficiency at near native ability. Students will continue their study of the history, culture, and civilization of the Spanish-speaking world.

- ✓ This class will have a double period twice per week

**11382 SPANISH I FOR HERITAGE LANGUAGE LEARNERS****1 Credit**

This course is designed for students who speak and hear Spanish at home and have basic reading and writing skills. This course will enable students of Spanish Speaking countries to improve their academic and literacy skills in Spanish. Besides strengthening their language skills, it is designed to develop and enhance a cultural awareness for their own culture as well as the various cultures of the Spanish Speaking World. Students will also be introduced to the various genres of Spanish Literature.

**11362 SPANISH 2 FOR HERITAGE LANGUAGE LEARNERS****1 Credit**

This course continues the study of Spanish begun in Spanish 1 for Heritage Language Learners. Spanish-speaking students, who speak and hear Spanish at home, will continue to strengthen their Spanish language skills, study the various cultures of the Spanish-speaking world, and further develop a cultural awareness for their own culture and the diverse cultures of the Spanish world.

**11602 KHMER I****1 Credit**

Khmer I introduces students to the working vocabulary and rules of pronunciation and basic grammar of the Cambodian language. Students will be introduced to the Cambodian culture as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

**11612 KHMER II****1 Credit**

In Khmer II students expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in Khmer and further explore the Cambodian culture.

**11622KHMER III****1 Credit**

Khmer III is designed for the highly motivated student who has done well in the previous two years of the language. The four language skills will continue to be presented at an accelerated pace and also be developed at a very high level in order to achieve adequate written and oral proficiency. This course includes further study of the Cambodian culture.

- ✓ *Any student thinking of applying to a four-year college and wishing to attain a practical degree of proficiency should consider taking a minimum of three years of the same language.*

**11401 HONORS LATIN I****1 Credit**

Honors Latin I is offered to those students who have shown a high level of interest, motivation, and achievement. It will be conducted on an accelerated basis and will introduce students to the Latin language with an emphasis on vocabulary, sentence patterns, grammar, and syntax. Emphasis is on reading and writing with a less emphasized oral component. Roman culture, history, geography, and mythology are introduced. There is also a continual, comparative connection with English and other Romance and Classical languages.

**11411 HONORS LATIN II****1 Credit**

Honors Latin II is offered to students who have completed Latin I and have shown a high level of interest, motivation, and achievement. This course is a seamless continuation of Latin I, with a continuing emphasis on vocabulary, grammar, and syntax. Roman culture, history, geography, and mythology are expanded. Students will continue to compare and make connections with English and other Romance and Classical languages.

**11421 HONORS LATIN III****1 Credit**

Honors Latin III is offered to students who have completed Latin I and II and have shown a high level of interest, motivation, and achievement. The course extensively reviews the vocabulary, grammar, and syntax of Latin I and II while introducing more complex constructions, grammar, syntax, and vocabulary, primarily in the context of prose, drama, dialogue, and poetry. Comparisons and connections with English and other Romance and Classical languages will continue.

**11501 HONORS GERMAN I****1 Credit**

Honors German I is offered to highly motivated students who have shown a high level of interest and achievement. This course introduces students to the working vocabulary and rules of pronunciation and basic grammar of the German language. Students will be introduced to the German culture as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

**11502 GERMAN I****1 Credit**

German I introduces students to the working vocabulary and rules of pronunciation and basic grammar of the German language. Students will be introduced to the German culture as they learn to communicate both orally and in writing to understand and produce simple expressions. Students will also become familiar with the language lab and its resources.

**11502 HONORS GERMAN II****1 Credit**

Honors German II is offered to highly motivated students who have shown a high level of interest and achievement in German I. In this course students will expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in German, and further explore the German culture. Success in this course fulfills the minimum two- year requirement for College bound students.

**11512 GERMAN II****1 Credit**

In German II students expand their ability in reading, speaking, writing and listening. They will further develop their vocabulary and obtain simple grammatical structures needed for meaningful communication. Students will continue to utilize the language lab to further develop their technology skills, communicate in German and further explore the German culture.

**11392 INVITATION TO LANGUAGES AND CULTURES****1 Credit**

This course is designed to give students their first exposure to World Languages. Students will be exposed to French, German, Portuguese and Spanish. Students will be exposed to the Culture and language of these languages through theme based lessons. The goal of this course is to instill an understanding and appreciation for all world cultures and languages. This is a first year course primarily for Freshmen and Sophomores who plan to continue their studies in a 2-year college, technical school or immediately enter their career path.

**11394 INVITATION TO LANGUAGES AND CULTURES II****1 Credit**

The goal of this course is to continue to instill an understanding and appreciation for all world cultures and languages. This is the second course for students wishing to complete their 2-year World Language requirement for graduation. This is a second year course for students who were successful in the Invitations to Languages and Cultures 1 and who plan to continue their studies in a 2-year college, technical school or immediately enter their career path.

## **Non-Core Elective Course Descriptions**

**Electives are non-weighted**

**11204 PORTUGUESE FOR HEALTH CAREERS****.4 Credits**

Portuguese for Health Careers presents several topics related to the health field and is recommended for those students who are interested in working in a pathway that involves the medical field upon graduation. Terminology and course content are geared to help students' function in a career that deals with any of the health and or human service fields.

- ✓ *This course requires students to be enrolled in or have completed the third year of Portuguese. This course is a semester course and meets 4 times a week.*

**11304 SPANISH FOR HEALTH CAREERS****.4 Credits**

Spanish for Health Careers presents several topics related to the health field and is recommended for those students who are interested in working in a pathway that involves the medical field upon graduation. Terminology and course content are geared to help students' function in a career that deals with any of the health and or human service fields.

- ✓ *This course requires students to be enrolled in or have completed the third year of Spanish. This course is a semester course and meets 4 times a week.*

**11754 LANGUAGE LAB AID****.4 Credits**

Students who wish to serve as aides to set up equipment and assist teachers in the World Language Lab can apply for this course. Students must be computer literate and have enough fluency in the language to understand the programs run in the lab. Students must see World Languages Department head to register for this course.

**11954 LANGUAGE MENTOR****.4 Credits**

Students who wish to assist bilingual students or teachers of bilingual students and be assigned within the classroom setting may request this course which meets 5 times a week. Students must have successfully passed two years of a World Language or must be fluent in French, Portuguese or Spanish.

# SPECIAL EDUCATION DEPARTMENT

The Special Education Department offers a variety of courses and programs designed to assist students with a wide range of learning needs. The difference between general education classes and special education class is the pace of the curriculum, the modified materials, a lower student/teacher ratio, and specialized instruction tailored to the student's educational needs. Placement in any program of courses listed below is determined at a multidisciplinary conference where an Individual Education Program (IEP) is developed for specific students in order to meet their need for specialized instruction. Procedures for referral, placement, and program development are directed through the Special Education department.

**Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-12.**

**In addition to the school objectives, the following three objectives will inform educational planning, assessments and student progress:**

- ❖ Students will attend a minimum of an annual review of the Individual Educational Plan (IEP).
- ❖ Students will demonstrate the ability to read with understanding at their individualized ability level.
- ❖ Students will demonstrate the ability to apply information to solve problems at their individualized ability level.

COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDIT
63604	Fundamental Practical Math	EL	9, 10	YR	1
63624	Fundamental Reading & Reasoning	EL	9	SEM	.5
63564	Career Exploration	EL	9-12	SEM	.5
63574	Job Skills	EL	10,11	SEM	.5
63584	Transition to Work	EL	11,12	YR	1

## **Elective Course Descriptions**

### **63604 Fundamental Practical Math**

**1 Credit**

This special education course is designed to aid students to meet challenges faced by most consumers. The topics include: basic skills of computation, money concepts, measurement, percents, decimals, calculator applications, handling savings and checking accounts; buying and financing a car, automobile insurance, buying/renting a house, and paying income taxes. Instruction is individualized as needed.

**Prerequisite: IEP Team Recommendation**

### **63624 Fundamental Reading and Reasoning**

**1 Credit**

Reading and reasoning is a yearlong course designed for freshman students. This course is intended to improve reading comprehension, fluency, word recognition, critical thinking, study skills, and reading rate in all content areas. Additionally, this course will enhance the enjoyment of reading for pleasure. This course will assist students in using technology to support their literacy skills. Students enrolled in this course will also be enrolled in English 9.

### **63564 Career Exploration**

**.5 Credits**

This special education course is an introduction to career exploration. The course will stress career awareness and self-assessment. Student interests and abilities information will be processed to be included in the student's individual transitional portfolio. Classroom activities will be commensurate with the needs and abilities of the students in relationship to the course objectives. The course will include an exploration of post-high school training programs. Course will include guest speakers from the community as well as job site visitations.

### **63574 Job Skills**

**.5 Credits**

This work study course is designed to provide job search components of resume writing, filling out job applications, appropriate dress, interview skills and follow-up procedures that are taught. Workplace behaviors along with general and specific work skills are emphasized. Through role-playing, class discussions, reading and writing, students will develop and practice basic work behaviors.

### **63584 Transition to Work**

**1 Credit**

Commensurate with the student's skills and abilities the following areas will be explored: Communication skills related to job seeking and employment, Coping with stress and conflict on the job; Understanding money concepts related to employment and adult living. In addition, community support and resources will be explored.

# HEALTH AND PHYSICAL EDUCATION

The Health and Physical Education Department offers courses that strive to inspire students to maintain and improve their health, prevent disease and avoid or reduce health related risk behaviors. Additionally, as active learners our students will be provided with the knowledge and skills they will need to be healthy for a lifetime.

Physical Education courses center on activities that promote lifelong activity. Students will be introduced to a variety of team and individual sports, aerobic and anaerobic activities, aquatics and team building activities.

Health Education courses focus on emotional and mental development, living with stress, interpersonal relationships, alcohol and drug abuse, and marriage and parenthood.

## **Parental Notification Law**

*Massachusetts General Laws Chapter 71, Section 32A allows parents to exempt their children from any portion of the curriculum that primarily involves human sexuality or human sexuality issues through written notification from the parent/guardian to the high school principal. Before making a decision, parents can call the Health and Physical Education office at 508-675-8430 to review instructional materials.*

## **Fall River School Committee Policy on Parental Notification:**

The FRSC has adopted a specific policy to addresses the rights of parents and guardians relating to curriculums involving human sexual education. Please refer to the FRPS website to view the **Policies and Procedures File: IHAMB, Parental Notification Relative to Sex Education.**

In short, the policy states, at the beginning of each semester, all parents and guardians of students in FRPS will be notified in writing of the courses and curriculum we offer that primarily involve human sexual education or human sexuality issues.

Parents/guardians will receive a form that will ask them to choose whether or not to exempt their child from that specific portion of the curriculum covered by the policy, involving human sexuality issues or human sexual education. Parents will indicate on the form whether they would like the student to be included or excluded from exposure to that curriculum and any related materials. In the interest of preserving the parents' right to choose for the student, any student who does not return a form indicating permission to participate in this curriculum will be excluded. Any student exempted or excluded from the material will be given an alternative assignment and such alternative assignment will carry no penalty or reduced grade value to the student. Parents may review program instructional materials

**Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-12.**



### Possible Health & Wellness Related Career Pathways

- ✓ Students interested in pursuing a career pathway within health and wellness arena should be exposed to as many electives as possible in the Health and Physical Education Department.
- ✓ Students who are interested in a related field should also view course offerings in the Career and Technical Education and Science Departments
- ✓ A sample of related career pathways are as follows:

Education/Teaching	Nutrition
Physical Therapy	Physical Training
Sports Medicine	Emergency Medical Training (EMT)

### *Suggested courses for a career in Physical Therapy:*

- Human Anatomy
- Sports Medicine
- Health Issues in Life Management
- Fitness Management Concepts & Activities

## HEALTH & PHYSICAL EDUCATION COURSES

COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDITS
57394	Health 1	EL	9-12	SEM	.4
57024	Physical Education 1	EL	9-12	SEM	.4
57034	Physical Education 2	EL	9-12	SEM	.4
57204	Health 2	EL	9-12	SEM	.4
57384	Physical Education Junior/Senior (4 Day)	EL	11, 12	SEM	.4
57364	CPR/First Aid (3 Day)	EL	11, 12	SEM	.3
57374	CPR/First Aid/Lifeguard Training (5 Day)	EL	11, 12	SEM	.5
57334	Physical Education – Adaptive PE	EL	9-12	SEM	.5
57101	Human Anatomy Part A	1	11, 12	SEM 1	.5
57121	Sports Medicine Part B	1	11, 12	SEM 2	.5
57234	Health Issues in Life Management	EL	11, 12	SEM	.4
57254	Fitness Management Concepts & Activities (4 day)	EL	11, 12	SEM	.4
57264	PE Junior/Senior Project Adventure/Fitness (4 day)	El	11,12	SEM	.4
57354	PE Junior/Senior Aquatics Training/Team Sports (4 day)	El	11,12	SEM	.4

## **HEALTH & PHYSICAL EDUCATION COURSE DESCRIPTIONS**

### **57034 PHYSICAL EDUCATION 2 -WELLNESS PROGRAM .4 Credits**

#### **Class meets for one semester, 4 days per week opposite the Sophomore Science lab**

This course is required for all sophomores. Students will follow a wellness cycle which will consist of 12 classes per activity. The cycle includes aerobic activity, team sports, anaerobic activity, individual sports and outdoor pursuits. Students will also be required to complete an assessment at the end of each cycle which will be 20% of their final grade. The remaining 80% of the grade will be based on active participation, attendance and attaining a level of proficiency that is proportional to the students' individual potential.

### **57204 HEALTH 2 .4 Credits**

#### **Class meets for one semester, 4 days per week opposite the Sophomore Science lab periods**

This course is required for all sophomores and is designed to provide basic health concepts necessary for the achievement of optimal health. Topics discussed will include nutrition and weight management concepts, mental health, substance abuse, reproductive health, and maintaining healthy body systems.

### **57394 HEALTH 1 .4 Credits**

#### **Class meets for one semester, 4 days per week-Honors Biology students will meet 4 times per week.**

This course is required for all freshmen and is designed to provide basic health concepts necessary for making good decisions to enhance optimal health. Topics discussed will include reproductive health interpersonal relationships, disease prevention, STD's as well as addiction and alcohol.

### **57024 PHYSICAL EDUCATION 1 -WELLNESS PROGRAM .4 Credits**

#### **Class meets for one semester, 4 days per week-Honors Biology students will meet 3 times per week.**

This course is required for all freshmen. Students will follow a wellness cycle which will consist of 12 classes per activity. The cycle includes aerobic activity, team sports, anaerobic activity, individual sports and outdoor pursuits. Students will also be required to complete an assessment at the end of each cycle which will be 20% of their final grade. The remaining 80% of the grade will be based on active participation, attendance and attaining a level of proficiency that is proportional to the students' individual potential.

### **57234 HEALTH ISSUES IN LIFE MANAGEMENT .4 Credits**

#### **Class meets 4 days per week for a semester**

This course is focused on health topics students are currently faced with as well as those they will experience later in life. Topics include wellness, death and dying, bullying, relationships, sexual decision making, birth control, health care reform, and life style diseases. Students will learn through lectures, internet research, debates, role plays, and student presentations.

**Grades 11 & 12 Elective**

### **57384 PHYSICAL EDUCATION JR/SR .4 Credits**

#### **4 times per week**

Students will have the opportunity to select basic and intermediate skill units in individual and team sports. Individual elective programs will include aerobics, dance, pool game, swimming, water aerobics, weight training, and archery, basic and advanced Project Adventure.

**Grades 11 & 12 Elective**

### **57334 PHYS. ED. – ADAPTIVE/SPECIAL NEEDS .5 Credits**

This course is offered for students who have a physical disability, making it difficult for them to be successful in the regular physical education program. The needs of the students will be met through an individualized program that includes exercises and activities designed to improve gross motor development and recreation games, adapted to that the student can experience success and enjoyment. Students return to their regular Special Needs program after Phys. Ed.

### **57364 CPR/FIRST AID .3 Credits**

#### **Class meets 3 days per week for a semester**

This course will provide Juniors and Seniors the opportunity to become certified in CPR and First Aid and in the use of Automated External Defibrillators.

**Grades 11 & 12 Elective**

**57374 CPR/FIRST AID/LIFEGUARD TRAINING****.5 Credits****Class meets 5 days per week for a semester**

This semester course enables junior and senior students the opportunity to receive certification in CPR and First Aid and meet the requirements of Lifeguard Training required for all surf and non surf lifeguards. Students will also learn to be proficient in the use of Automated External Defibrillators.

*Students must be at least 15 years old and be proficient swimmers.*

**Grades 11 & 12 Elective**

**57101 HONORS HUMAN ANATOMY & 57121 SPORTS MEDICINE****1 Credit**

This course is designed to instruct students in human and functional anatomy, as well as in the basic concepts of sports medicine. The intent of the program is to prepare students for the future course work necessary in the following academic areas: physical therapy, athletic training and sports medicine, physical education, and related health and science careers

**Grades 11 & 12 Elective**

**57254 FITNESS CONCEPTS & WEIGHT MANAGEMENT****.4 Credits****Class meets 4 days per week for a semester**

This course is designed for those students that are serious about learning and engaging in physical activity and weight management. The intent of the program is for students to understand the need to be physically fit and to maintain a healthy weight by developing their own fitness plan. Students will be assessed on classroom and all fitness activities.

**Grades 11 & 12 Electives**

**57264 PROJECT ADVENTURE/FITNESS CONCEPTS****.4 Credits****4 times per week**

This semester course will be split into two 10 week sessions. Project Adventure allows students to complete tasks by working together as a team. Students will have the opportunity to engage in the low elements as well as the high elements of the adventure course. Fitness concepts will provide an opportunity for the students to develop a personalized fitness plan. Students will become knowledgeable in the use of heart rate monitors in order to maximize their workouts. Cardiovascular endurance and muscular endurance will be the focus of this course.

**Grade 11 & 12 elective**

**57354 AQUATIC ACTIVITIES/TEAM SPORTS****.4 Credits****4 times per week**

This course is designed for the students who are interested in swimming and team sports. The course will be split into two 10 week sessions. Aquatic activities will give the students the opportunity to develop swimming skills, enhance swimming techniques and play different sports in the pool.

Team sports will include basketball, team handball, lacrosse, soccer, volleyball, football and softball.

**Grade 11 & 12 elective**

# Visual Arts

The Visual Arts Department of B.M.C. Durfee High School offers all students a wide variety of quality artistic experiences dedicated to encouraging creativity and the pursuit of excellence in the Arts. The creative process is essential to learning. Our courses provide a diverse, comprehensive, and sequential curriculum based on the Massachusetts Arts Curriculum Framework. We challenge students to become life-long learners and collaborators who understand and appreciate the potential of the Arts to enhance their lives by making them more involved, more motivated, more sensitive, more focused, more creative and responsible citizens. Durfee visual arts courses prepare students for employment and further arts studies at the collegiate level.

**Changes in school's mission and expectations and school-wide rubrics will be adopted**  
when they are developed during school year 2011-12

## Elective Course Offerings

<b>COURSE</b>	<b>TITLE</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDITS</b>
02100	Durfee Discovery	9	SEM	.5
53114	Art I	9,10,11,12	SEM	.5
53124	Art II	10,11,12	SEM	.5
53144	Art III	10,11,12	SEM	.5
53214	Pottery I	9,10,11,12	SEM	.5
52224	Mosaic and Ceramic Tile Art	9,10,11,12	SEM	.5
53254	Cartooning A – Z	9,10,11,12	SEM	.5
53314	Photography	11,12	SEM	.5

## Honors Courses

<b>COURSE</b>	<b>TITLE</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDITS</b>
53131	Honors Art III	11,12	YR	1
53141	Honors Art IV	12	YR	1
53221	Honors Pottery II	11,12	YR	1
53231	Honors Pottery III	12	YR	1

### *Honor Course Prerequisites*

Recommendation of instructor.

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# COURSE DESCRIPTIONS

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## **02100 Durfee Discovery**

**.5 Credits**

This is an exploratory course for freshman. Students will rotate through vocational, visual arts, music and theater classes. Students will explore visual arts instruction in cartooning, pottery, tile design, calligraphy and use a wide variety of mediums employed in visual arts courses. Students will explore music/ theatre courses in guitar, piano, drums, audio recording, theory, band, orchestra, chorus, theatre, technical theatre, American film and the study of popular music in society. This course will enable students to make informed decisions concerning future electives at Durfee.

## **53114 ART I**

**.5 Credits**

This course is designed to foster individual creativity based upon studio experiences in art while using the elements and principles of design. It is a rigorous course in which students are challenged. Various concepts in art will be explored and analyzed, providing a structure and framework needed in the creation of original works of art. This course will also allow students numerous hands-on experiences in which they will be able to explore various drawing and painting materials, techniques, concepts and subjects matter as well as collage, printmaking and clay modeling. As students develop a more comprehensive vocabulary in art, they will be able to effectively communicate their thoughts and ideas about and through the arts.

## **53124 ART II**

**.5 Credits**

This course is a continuation of Art I and is designed for students who are interested in continuing their education in the visual arts. This course will instill a comprehensive view of the visual arts through hands-on activities related to investigation and experimentation. Students will participate in class discussions and critiques.

**Prerequisite:** (1) Recommendation of instructor. Successful completion of Art I.

## **53144 ART III**

**.5 Credits**

This semester course is designed for students who wish to enrich their education with creative and stimulating visual arts experiences. Students will explore and create two-dimensional works of art in a variety of media: pencil, charcoal, ink, watercolor and acrylic paint. Successful completion of Art II is required.

**Prerequisite:** (1) Recommendation of instructor. Successful completion of Art II.

## **53214 POTTERY I**

**.5 Credits**

This course is designed to teach basic knowledge of clay materials, and processes while fostering individual creativity and self-expression through 3D clay experiences. Students will actively engage in art production, history, criticism, and aesthetic experiences unique to ceramics and clay media. Students will develop and apply: technical knowledge and skills, critical thinking skills and creative problem solving skills. Fingernails should be no longer than the tips of fingers as long nails interfere with the proper execution of required hand-building methods and techniques.

## **53224 MOSIAC AND CERAMIC TILE ART**

**.5 Credits**

This course will explore how contemporary mosaic and ceramic tile artists build upon the ancient roots and diverse cultural heritage of the magnificent mosaic and tile achievements of past civilizations. Students will transform various raw materials into personalized mosaic and tile creations. This course will also explore a variety of firing and glazing processes as well as surface enhancement techniques. Students will learn how to fabricate and install their individual and group works of mosaic and ceramic tile art.

**53254 CARTOONING A-Z****.5 Credits**

This course is designed to explore the many genres of cartooning and animation. Students will explore and create two-dimensional works in a variety of media and techniques associated with the cartooning and illustration professions. Selected topics will include: anime, classic cartooning, political satire, caricatures and animation illustration. This course cannot be used as a prerequisite for Art II.

**53314 PHOTOGRAPHY****.5 Credits**

This course is designed as an introduction to basic digital photography. Students must provide their own digital camera to complete assignments. Enrollment is limited to juniors and seniors.

**Prerequisite:** (2) Students are required to have their own digital camera.

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## **HONORS COURSE DESCRIPTIONS**

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**53131 HONORS ART III****1 Credit**

This course is a continuation of Art II. It is an Advanced level course and is designed for the student who expresses a strong and serious desire to study art. Students are expected to learn to express themselves conceptually and visually through more advanced drawing, painting, modeling and printmaking techniques.

**Prerequisite:** (1) Recommendation of instructor. Successful completion of Art II.

**53141 HONORS ART IV****1 Credit**

This course is concerned with students who are seriously considering a career in art and who are planning to continue their education in art beyond high school. The objective of this course is to help students develop their own personal mode of artistic expression and to involve them in projects which will challenge and develop their critical and analytical abilities. Students in this course will be required to complete several art projects in an original manner, to participate in the creation of one work of art for permanent display, and to develop a portfolio that can be used to apply for admission to art school.

**Prerequisite:** (1) Recommendation of instructor. Successful completion of Art III.

**53221 HONORS POTTERY I****1 Credit**

This course is a continuation of Pottery I, with further exploration of the theme-based concepts, an expansion of knowledge and experience in construction, glazing, decorating, and firing techniques. Students continue to engage in art production, history, criticism, and aesthetic experiences unique to ceramics. Students experience an in-depth introduction to the potter's wheel. **Prerequisite:** (1) Recommendation of instructor. Successful completion of Pottery I

**53231 HONORS POTTERY III****1 Credit**

This course is designed for students who have successfully met the requirements of Pottery I & II. This accelerated course focuses on advanced methods, materials, and techniques. Students participate in art production, history, criticism, and aesthetic activities in clay media. Students are challenged to creatively express themselves, create self-directed goals, use advanced critical and analytical thinking skills, exploring challenging concepts and ideas and demonstrate high level craftsmanship and technical skill. **Prerequisite:** (1) Recommendation of instructor. Successful completion of Pottery II.

# PERFORMING ARTS

## *MUSIC/THEATRE*

The Music Department offers a wide variety of high quality courses to challenge students in their musical pursuits. Performing groups include: theatre, band, orchestra and chorus. We offer expanded experiences in audio technology, technical theatre, percussion, theory, piano lab, guitar, history of film and history of music. We challenge our students to become life-long learners who understand and appreciate the power of an arts education. Our students are creative problem solvers who develop self confidence and discipline through the arts. Our comprehensive, sequential courses prepare students for employment and further musical studies at the collegiate level.

**Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-12**

### **ELECTIVE COURSES**

<b>COURSE</b>	<b>TITLE</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDITS</b>
02100	Durfee Discovery	9	SEM	.5
56114	Theatre Workshop I	9, 10, 11, 12	SEM	.5
56124	Theatre Workshop II	10, 11, 12	YR	1
56134	Musical Theatre	9, 10, 11, 12	SEM	.5
56214	Concert/ Parade Band	9, 10, 11, 12	YR	1
56284	Drumline	9, 10, 11, 12	SEM	.5
56314	Orchestra/ String Orchestra	9, 10, 11, 12	YR	1
56334	Band/ Orchestra	9, 10, 11, 12	YR	1
56414	Mixed Chorus	9, 10, 11, 12	SEM	.5
56424	Mixed Chorus	9, 10, 11, 12	YR	1
56474	History of American Film I	9, 10, 11, 12	SEM	.5
56484	History of American Film II	9, 10, 11, 12	SEM	.5
56514	Technical Theatre	9, 10, 11, 12	SEM	.5
56534	Audio Recording Technology I	10, 11, 12	SEM 1	.5
56544	Audio Recording Technology II	10, 11, 12	SEM 2	.5
56614	Music Theory I	10, 11, 12	SEM 1	.5
56624	Music Theory II	10, 11, 12	SEM 2	.5
56634	Music Theory III	11, 12	YR	1
56714	Piano Lab	9, 10, 11, 12	SEM	.5
56744	Guitar/ Songwriting	9, 10, 11, 12	SEM	.5
56734	Popular Music in American Society	9, 10, 11, 12	SEM	.5

## HONORS COURSES

<b>COURSE</b>	<b>TITLE</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDITS</b>
56111	Honors Theatre	11, 12	YR	1
56211	Honors Band	11, 12	YR	1
56311	Honors Orchestra	11, 12	YR	1

### Honors Course Prerequisites

(1) Recommendation of instructor.

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## **ELECTIVE COURSE DESCRIPTIONS**

### **02100 Durfee Discovery**

**.5 Credits**

This is an exploratory course for freshman. Students will rotate through vocational, visual arts, music and theater classes. Students will explore visual arts instruction in cartooning, pottery, tile design, calligraphy and use a wide variety of mediums employed in visual arts courses. Students will explore music/ theatre courses in guitar, piano, drums, audio recording, theory, band, orchestra, chorus, theatre, technical theatre, American film and the study of popular music in society. This course will enable students to make informed decisions concerning future electives at Durfee.

### **56114 THEATRE I**

**.5 Credits**

This course is intended for any student interested in learning basic theatre and acting skills including pantomime, improvisation, vocal production, stage geography and terminology and is an introduction to monologue and scene work. Memorization of monologue and scene work is expected. Student will act on a daily basis, write their own scenes and produce productions.

### **56124 THEATRE II**

**1 Credit**

Theatre Workshop II is for the student who has developed a deeper interest in drama. In this course students will spend more time on scene work and monologs. They will also learn more of historical eras and styles of drama and acting. Since this is an advanced class, students will be required to do additional work as they concentrate on studying drama in greater depth.

**Prerequisite:** (1) Recommendation of instructor. Successful completion of Theatre I.

### **56134 MUSICAL THEATRE**

**.5 Credits**

This class combines both performance and written work in investigating the history, styles, and examples of musical theatre in America. Students will study the development of the musical and will learn and perform scenes and songs from various shows. Acting, song, dance, and stage movement will all be incorporated into this class.

### **56214 CONCERT AND PARADE BAND**

**1 Credit**

The Durfee High School Band program is open to any student who plays an appropriate band instrument. Band members must attend all after school rehearsals, concerts, and parades scheduled for the group. The band performs several concerts and parades throughout the year. All students will audition for placement within the band. This course may be repeated for credit.

### **56284 DRUMLINE**

**.5 Credits**

This percussion class is for the student who is interested in learning how to play the various instruments used in marching band. Student performance for live audience is required.

**56314 ORCHESTRA/ STRING ORCHESTRA****1 Credit**

Orchestra is intended for students who play orchestral instruments. Students will study and perform orchestral music encompassing classical to contemporary genres. **String Orchestra** is intended for students who play violin, viola, cello or string bass. Students are required to attend all after school rehearsals and performances. It is recommended that students practice individually at home to improve their class performance. This course may be repeated for credit.

**56334 BAND/ ORCHESTRA****1 Credit**

Students will participate in band and orchestra. See course descriptions for: 56214 Concert and Parade Band and 56314 Orchestra/ String Orchestra

**56414 MIXED CHORUS Semester****.5 Credits****56424 MIXED CHORUS Year****1 Credit**

Mixed Chorus is intended for students who want to sing in a large group and perform a variety of styles of choral music. Students sing in 3 or 4 voice parts and are graded heavily on effort and participation within the class. There is one concert per semester and attendance is required in order to receive credit. This course may be repeated for credit.

**56474 HISTORY OF AMERICAN FILM I****.5 Credits**

This course will study the greatest films of the 20<sup>th</sup> century. Semester I will examine films of the 1900's – 1940's. The most significant films of each decade and examples of the finest directors will be the main focus. This course will examine the entire culture of the times and focus of film: Does it create culture or does it examine culture?

**56484 HISTORY OF AMERICAN FILM II****.5 Credits**

This course will study the greatest films of the 20<sup>th</sup> century. Semester II will examine films of the 1950's – 2000. The most significant films of each decade and examples of the finest directors will be the main focus. This course will examine the entire culture of the times and focus of film: Does it create culture or does it examine culture?

**56514 TECHNICAL THEATRE****.5 Credits**

This course is intended for those students who want to focus on the study of production values and the technical aspects of theatrical production. Elements studied include: lighting design and production/operation, set design and construction, sound design and production/operation. This course may be repeated for credit.

**56534 AUDIO RECORDING TECHNOLOGY I****.5 Credits**

This course is intended for those students who want to study audio engineering. Students will learn the fundamental concepts of analog recordings as well as computer-based recording techniques and will have hands-on training in these areas. **Prerequisite:** (1) Recommendation of instructor.

**56544 AUDIO RECORDING TECHNOLOGY II****.5 Credits**

This course is intended for those students who want to continue their study of audio engineering. Students will learn the fundamental concepts of analog recordings as well as computer-based recording techniques and will have hands-on training in these areas. **Prerequisite:** (1) Recommendation of instructor. Successful completion of Audio Recording Technology I.

**56614 MUSIC THEORY I****.5 Credits**

This course is designed for serious music students who have basic understanding of musical form. Singing is a requirement. Students will learn how to write music. Basic theory concepts and harmonic structures will be studied.

**56624 MUSIC THEORY II****.5 Credits**

This course is a continuation of Musical Theory I. Students will use computers and MIDI keyboards to explore more complex theory concepts and harmonic structures.

**Prerequisite:** (1) Recommendation of instructor.

**56634 MUSIC THEORY III****1 Credit**

Advanced musical concepts will be explored using computers and MIDI keyboards. This course will prepare students for entry level college music theory courses. **Prerequisite:** (1) Recommendation of instructor.

**56714 PIANO LAB****.5 Credits**

Piano Lab is intended for any student who is interested in developing musical keyboard skills. Students will learn to play the electric piano while developing an understanding of melody and harmony. Student performance for live audience is required. This course may be repeated for credit.

**56724 GUITAR/ SONGWRITING****.5 Credits**

This semester course is for the beginning and advanced guitar student. This course is also for instrumental students interested in composition. Content includes theory, chord progressions and instrumental technique. Students will write lyrics and create instrumental parts in the music lab. Students will learn how to copyright their works and record a demo. Student performance for a live audience is required. Students must provide their own acoustic guitar or instrument. This course may be repeated for credit.

**56734 POPULAR MUSIC IN AMERICAN SOCIETY****.5 Credits**

This course introduces the meaning and use of music in society. Students will develop an appreciation for music as art, rebellion and protest, and as expression. Students will develop an understanding of the organizational structures of music and the music industry. Students will study and discuss the context in which music is created, its value to the people whose culture it inhabits, and the transformation of music in our society. No previous musical experience is required for this course.

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## HONORS COURSE DESCRIPTIONS

**56111 HONORS THEATRE****1 Credit**

This course is intended for juniors and seniors who want to study acting and directing on an advanced and in-depth level. It is geared toward developing the young actor's tools through scene study projects, improvisation, and directing projects. Memorization and performance are regular aspects of this class. On this advanced level, there will be written reports relevant topics such as: plays, playwrights and related subjects. This course may be repeated for credit.

**Prerequisite:** (1) Recommendation of instructor. Successful completion of Theatre II.

**56211 HONORS BAND****1 Credit**

This course is open to juniors and seniors who have successfully participated in Concert and Parade Band class. Students will participate in researched based projects including class presentations and written reports. Ensemble playing and audition for an adjudicated competition is required. See course description for: 56214 Concert and Parade Band. This course may be repeated for credit.

**Prerequisite:** (1) Recommendation of instructor.

**56311 HONORS ORCHESTRA****1 Credit**

This course is open to juniors and seniors who have successfully participated in Orchestra class. Students will participate in researched based projects including class presentations and written reports. Ensemble playing and audition for an adjudicated competition is required. See course description for: 56314 Orchestra/ String Orchestra. This course may be repeated for credit.

**Prerequisite:** (1) Recommendation of instructor.

# CAREER & TECHNICAL EDUCATION

The Career and Technical Education Division offers students opportunities to prepare to enter the world of work, attend post secondary training or to continue their education in two year or four year colleges. Students develop job related skills and the self-confidence necessary to succeed in the real world. The division is subdivided into two major areas. They include Technology Education and Career Education. **Career and Technical Education students are part of the Bristol Tech Prep Consortium that allows students to receive college credit either through articulated courses at Durfee or dual enrollment courses at Bristol Community College.**

**Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-12**

Career Education is a selective program. All students who want to participate must apply for entrance. Applications are available in the Guidance Department. When an over subscription exists, all the applications will be rank ordered. Students will be selected in the order of their ranking. Selection preference will be given to those students who have previously participated successfully in Career Education. This process is required by Ch.74 Career Regulations and approved by the Department of Education and the Fall River School Committee.

**Grade 9**—The Grade 9 Career and Technical Education Exploratory Program is for Grade 8 middle school students entering Durfee High School for the first time and consists of Durfee Discovery for the first semester and the option of selecting up to four of the second term and second semester exploratory offerings listed below.

**02100 Durfee Discovery                      Freshmen, first semester only\*                      .5 credit**

This course will introduce students to the many educational opportunities available at Durfee. Students will receive instruction in career pathways and exploration including interest and ability assessment enabling them to make wise and informed decisions regarding their future. Students will be instructed in the various technology services, procedures and applications at Durfee including Media Center Research. This course will enable students to make informed decisions concerning future electives at Durfee.

## **Mini Courses listed below are Second Semester Only**

**02114 Visual Design & Communication Exploratory                      .25 Credits**

This is a 9th Grade Career Exploratory Course. During the five-week course, students will be exposed to basic color theory, painting, and drawing with a variety of media

**02134 Early Education and Care Exploratory                      .25 Credits**

This course will introduce students to the basics of the early childhood education and the responsibilities of a preschool teacher. Some hands on activities will be conducted in the classroom.

**02164 Information Technology Services Exploratory                      .25 Credits**

This course will explore all aspects of information programming, web development, applications, and hardware including telecommunications and networking. The instructor should concentrate on an overview of career possibilities, educational requirements and pathways for all aspects of the industry.

**02104 Environmental/Marine Engineering Exploratory                      .25 Credits**

This course will explore concepts in ecology and engineering our environment and our impact on it. Topics will include ecosystems, water quality, hydrology, topography, groundwater, and hazardous materials and the occupations and opportunities for careers in all of these varied fields.

- 02124 Biotechnology Manufacturing Exploratory** **.25 Credits**  
 This course will explore biotechnology and its impact on today's society and the future. Topics include the concepts, technologies, and applications of biotechnology in medicine, industry, agriculture, and ecology. Career opportunities from research and design to manufacturing are discussed.
- 02144 Civil/Structural Engineering Exploratory** **.25 Credits**  
 This course is an introduction and overview of the many and varied opportunities in civil engineering and structural engineering. Topics include surveying and mapping, building and architectural design, and the engineering design process.
- 02154 Electronic/Robotic Engineering Exploratory** **.25 Credits**  
 This course will introduce the student to the world of automation and electronics. Topics include automated manufacturing and robotics, electronic theory and computers and the career opportunities and occupations that are available in the various fields.
- 08004 General Shop Exploratory** **.25 Credits**  
 This course offers an exploratory experience designed to give students insight into the major areas of design and planning, woodworking and electricity. It is intended to help students develop competent technical skills for good performance in the broad area of technology. Students will learn concepts of design, planning, woodworking methods, electrical theory and basic construction principles.
- 02914 Health Careers Exploratory** **.25 Credits**  
 This course will introduce students to the basics of the health care system and the role of a nursing assistant. Some hands on activities will be conducted in the nursing laboratory.
- 02174 Culinary Arts Exploratory** **.25 Credits**  
 This 10 week course will train students in the basics of dining room etiquette and the kitchen laboratory.
- 02184 Unisex Hairstyling Exploratory** **.25 Credits**  
 This 10-week course familiarizes students with the fundamentals of grooming and important aspects of hairstyling.
- 02094 Radio & Television Broadcast Exploratory** **.25 Credits**  
 This course will introduce students to the basics of television broadcast and production and will serve as a bridge to formal training in the arena of media and communications.

# CAREER & TECHNICAL EDUCATION DEPARTMENT

## *CAREER EDUCATION*

The following courses are reserved for the student registered in the Career Program. Students must begin the sequence in grade 10 and must pass each course before proceeding to the next course in sequence. First year courses, identified by a I in the sequence, may be taken by students in grade 10 or 12 as an elective provided there is space available. Permission of the Director of Career and Technical Education is required for elective admissions.

**Grade 10**—Grade 10 is the beginning of a full year schedule for all students enrolled in the Career programs. When there are more applicants than available spaces, students will be rank ordered. Preference will be given to those who have previously participated successfully in the Grade 9 Career and Technical Education Exploratory Program and the Durfee Discovery Program.

**Grade 11**—Grade 11 programs are multi-period courses. Students in Grades 9, 10, and 12 are not eligible for Grade 11 participation. This course is weighted as a college prep course and is factored into a student’s G.P.A.

**Grade 12**—Grade 12 is the continuation of a full year schedule. It is available to successful Grade 11 Career students only. This course requires a commitment of multi-periods per day for the duration of the school year. Some programs also require clinical and laboratory hours for successful completion. This course is weighted as a college prep course and is factored into a student’s G.P.A.

- ✓ Students in grades 11 and 12 will earn college prep credit. Final course grades will be factored into student’s GPA; commencing with the class of 2013
- ✓ Students may have an opportunity to participate in the Tech Prep program. See your Guidance Counselor for details

**Changes in school’s mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-12.**

### **CAREER TECHNICAL EDUCATION**

*Classes listed below may be articulated for credit through the Tech Prep Program at Bristol Community College.*

<b>COURSE</b>	<b>TITLE</b>	<b>GRADES</b>	<b>TERM</b>	<b>Level</b>	<b>CREDITS</b>
02234	Child Care I	10	Yr	El	1
02332	Child Care II	11	Yr	2	3
02432	Child Care III	12	Yr	2	4
02214	Visual Design & Comm I	10	Yr	El	1
02312	Visual Design & Comm II	11	Yr	2	2
02412	Visual Design & Comm III	12	Yr	2	2
02254	Nursing Assistant I	10	Yr	El	1
02352	Nursing Assistant II	11	Yr	2	3
02452	Nursing Assistant III	12	Yr	2	4
02274	Culinary Arts I	10	Yr	El	1
02372	Culinary Arts II	11	Yr	2	3

02472	Culinary Arts III	12	Yr	2	4
02284	Unisex Hairstyling I	10	Yr	El	1
02382	Unisex Hairstyling II	11	Yr	2	3
02482	Unisex Hairstyling III	12	Yr	2	4
62104	Radio & TV Broadcasting I	9,10	SEM	El	.5
62214	Radio & TV Broadcasting II	10,11	SEM	El	.5
62224	Radio & TV Broadcasting III	11,12	Yr	El	1

## Early Education & Care

*Upon completion of this program, students are eligible to become certified as a teacher through the Office for Child Care Services.*

### **02234 Child Care I (Sophomore Year)**

**1 Credit**

This class introduces the student to the concepts of child development. Students will learn to develop developmentally appropriate activities and will have limited hands on experience in a preschool setting.

### **02332 Child Care II (Junior Year, College Prep)**

**3 Credits**

This course promotes a further understanding of the Physical, Social, Emotional, and Intellectual Development of the preschool age child. Students demonstrate the development of basic skills in the onsite laboratory preschool. **Note: Students will be required to have a uniform as determined by the instructor.**

### **02432 Child Care III (Senior Year, College Prep)**

**4 Credits**

This course promotes a further understanding of the Physical, Social, Emotional, and Intellectual Development of the child from Birth to age 5. Affiliations at community Child Care centers enable the student to apply knowledge and skills learned in the classroom. Students will create lesson plans, a professional portfolio and a final project that will apply research skills and technology. **Note: Students will be required to have a uniform as determined by the instructor.**



# Visual Design and Communication

## **02214 Visual Design & Communication I (Sophomore Year)**

**1 Credit**

This year long course is based on a curriculum of intermediate art that focuses on graphic design principles in a computer environment. Introduction to industry standard computer applications will be focused on to complete projects in desktop publishing, website design and development, 3D modeling and animation, in conjunction with illustration and painting.

## **02312 Visual Design & Communication II (Junior Year, College Prep)**

**2 Credits**

## **02412 Visual Design & Communication III (Senior Year, College Prep)**

**2 Credits**

The Commercial Art & Design course of study is based on a curriculum of intermediate and advanced art with a concentration in Computer Graphic Design. Students will learn computer layout, 3D modeling and animation, and website production using industry standard software. In conjunction with computer methods traditional skills will be covered such as drawing, painting, illustration, and mural painting. The proper use of digital cameras, computer scanners, and printers will also be taught



# Nursing Assistant

*Upon completion of this program, students are eligible to take the state certification exam to become a Certified Nursing Assistant.*

## **02254 Nursing Assistant I (Sophomore Year)**

**1 Credit**

This classroom component covers basic knowledge of the health care system and the role of the Nursing Assistant. Some hands on activities are conducted in the nursing lab. Upon completion of this course, students are evaluated and interviewed in order to select candidates for the Nursing Assistant II course.

## **02352 Nursing Assistant II (Junior Year, College Prep)**

**3 Credits**

This course prepares students for clinical affiliation in Long Term Care facilities through the successful completion of Nurse Assistant competencies and the understanding of anatomy and physiology. Under the supervision of an instructor, students acquire the clinical hours required for the state certification exam. **Note: Students will be required to have a uniform as determined by the instructor.**

## **02452 Nursing Assistant III (Senior Year, College Prep)**

**4 Credits**

After becoming First Aid and CPR Certified, students apply their knowledge and skills in the hospital setting with the acutely ill patient. Students will acquire clinical skills and explore health related fields. **Note: Students will be required to have a uniform as determined by the instructor.**



## Culinary Arts

### **02274 Culinary Arts I (Sophomore Year)**

**1 Credit**

Students will become familiar with the basics of food preparation, safety & hygiene. This will include food preparation, baking, dining room service and cleanup.

**Note: Students will be required to have a uniform as determined by the instructor.**

### **02372 Culinary Arts II (Junior Year, College Prep)**

**3 Credits**

### **02472 Culinary Arts III (Senior Year, College Prep)**

**4 Credits**

These courses are designed to train students in a sequence of activities for kitchen and bakery laboratory and dining room experiences, including menu planning, ordering, and inventory control as well as baking fundamentals including pastries, breads and special occasion cakes.

**Note: Students will be required to have a uniform as determined by the instructor.**



## Unisex Hairstyling

### **02284 Unisex Hairstyling I (Sophomore Year)**

**1 Credit**

Students will be taught basic skills of hairstyling along with aspects of hygiene and safety.

**Note: Students will be required to have a uniform and kit as determined by the instructor.**

### **02382 Unisex Hairstyling II (Junior Year, College Prep)**

**3 Credits**

### **02482 Unisex Hairstyling III (Senior Year, College Prep)**

**4 Credits**

Unisex Hairstyling is a complete course of study that prepares males and females to become licensed cosmetologists. The students receive theory and training in all facets of hair, skin and nails. Each student must accumulate 1,000 hours to be eligible to take the state license exam.

**Note: Students will be required to have a uniform and kit as determined by the instructor.**



# Radio & Television Broadcasting

THIS PROGRAM WAS FORMALLY KNOWN AS

# FRED-TV

## INSTRUCTIONAL MEDIA/ FALL RIVER EDUCATIONAL TELEVISION

### **62104 Radio & Television Broadcasting I**

**.5 Credit**

This course gives the student hands-on experience in many areas of the communication industry. All phases of video and audio production will be covered as well as the integration of technology. Students will learn digital still photography, digital video photography, shot composition, producing, scriptwriting, multimedia pre and post-production, editing, graphics, in-studio production and how to become on air talent. Projects include: Slating Your name, practice edits, PSA's, In-Studio Projects and How To Videos.

### **62214 Radio & Television Broadcasting II**

**.5 Credits**

This course refines the multimedia production skills to prepare students for post-secondary education or entry-level employment in the multimedia technology industry. Students are responsible for the entire production of Durfee High School's Video Yearbook, all in-studio talk shows, a resume, demo reel for employment of college entrance, and monthly shows of all genres. We prepare you for a career in this industry. Students will work as professionals in teams and as individuals to perfect their crafts.

### **62224 Radio & Television Broadcasting III**

**1 Credits**

This course refines the multimedia production skills to prepare students for post-secondary education or entry-level employment in the multimedia technology industry. Students are responsible for the entire production of Durfee High School's Video Yearbook, all in-studio talk shows, a resume, demo reel for employment of college entrance, and monthly shows of all genres. We prepare you for a career in this industry. Students will work as professionals in teams and as individuals to perfect their crafts.

### **62454 Multimedia Direct Study**

**.5 Credit**

**Grades 10,11,12**

Students who have completed Introduction to Multimedia Production (TV1) and/ or Multimedia Production II (TV2) may request Direct Study. **This enrollment can only be approved by the Instructor or the Director of the program.** Students will be required to assist the Instructors and staff at the FRED-TV and will have assigned job responsibilities and tasks daily for the successful operation of FRED-TV, Channel 17. Students must have a good working knowledge of the equipment and technical skills needed to work effectively.

**NOTE: Instructor approval is required.** (Maximum 6 students per periods) This study can be 5 days per week, 4 days per week, 3 days per week or twice weekly.



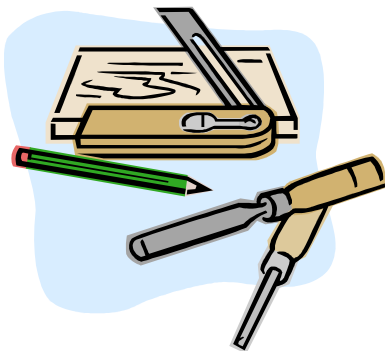
# CAREER & TECHNICAL EDUCATION DEPARTMENT

## COMPUTER SCIENCE & TECHNOLOGY

Computer Science and Technology offers a variety of elective courses that concentrate on technology-based and technology-related programs. These courses can lead students directly to the employment world and/or prepare students for further education in the technology field.

**Changes in school's mission and expectations and school-wide rubrics will be adopted when they are developed during school year 2011-12.**

COURSE	TITLE	GRADES	TERM	Level	CREDITS
03031	Honors Medical Terminology	10, 11, 12	SEM	1	.5
08502	Computer Applications I	9, 10, 11, 12	SEM	EI	.5
08512	Computer Applications II	9, 10, 11, 12	SEM	EI	.5
08554	Management & Entrepreneurship	10, 11, 12	SEM	EI.	.5
08544	Web Page Development	9, 10, 11, 12	SEM	EI	.5
02624	Graphic Design	10, 11, 12	SEM	EI	.5
40024	Computer Tech & Design I	9, 10, 11, 12	SEM	EI	.5
40124	Computer Tech & Design II	10, 11, 12	SEM	EI	.5
40224	Networking I	9, 10, 11, 12	SEM	EI	.5
40324	Networking II	10, 11, 12	SEM	EI	.5
08104	Building Technology I	9, 10, 11, 12	SEM	EI	.5
08114	Building Technology II	10, 11, 12	SEM	EI	.5
08174	Building Technology Lab	11, 12	SEM	EI	3
08614	Electronics I/Robotics	10, 11, 12	SEM	EI	.5
08624	Electronics II/Robotics	11, 12	SEM	EI	.5
08304	Wood Technology I	10, 11, 12	SEM	EI	.5
08314	Wood Technology II	11, 12	SEM	EI	.5
08324	Wood Technology III	11, 12	SEM	EI	.5
08374	Production Wood Technology	11, 12	SEM	EI	.5



## **Course Descriptions**

### **03031 Honors Medical Terminology**

**.5 Credits**

This course teaches the medical language used in all aspects of health care through a body systems approach, using word building which incorporates prefix, suffix and root word components. As a result students will be able to communicate effectively in a medical environment. May be articulated for credit through BCC and the Tech Prep program

### **08502 Computer Applications I**

**.5 Credits**

This beginner level course is taught on a PC Platform with the Windows XP operating system. The course explores basic computing literacy and introduces the students to the essential features of Microsoft Office XP Professional applications: WORD (word processing), EXCEL (spreadsheets), ACCESS (database) and POWERPOINT (presentations), as well as introducing students to the Internet.

### **08512 Computer Applications II**

**.5 Credits**

This second level course is designed for students with knowledge of the Windows XP operating system. Advanced features of Microsoft Office XP Professional applications are included: WORD (word processing), EXCEL (spreadsheets), ACCESS (database) and POWERPOINT (presentations), as well as learning to integrate the various suite components. Students will also learn to create personal and business web pages. **On completion of this course, students are eligible to take the MOUS Certification test.**

### **08554 Management & Entrepreneurship**

**.5 Credits**

This course is designed to make students competent and efficient in managing their own personal and business affairs. Areas covered include maintaining a checking account, loans and mortgages, planning savings and investments, the business of credit, sensible money management, being a wise consumer, and career planning and the study of occupations. This course is intended for personal use and is a requirement for all career education students as a fulfillment of Strand 5 of the Mass. DESE CVTE frameworks.

### **08544 Web Page Development**

**.5 Credits**

Students learn basic HTML editing techniques and advance to Adobe Creative Suite 3 web software to learn the necessary skills for producing personal and business web pages. Students will gain knowledge in the use of Dreamweaver, Flash, and Fireworks in learning to create interesting and dynamic web sites, including animations. Knowledge of Windows operating system and its use of folders and menus are necessary.

### **02624 Graphic Design**

**.5 Credits**

#### **Grade 11, 12**

This Junior/Senior course is designed for those students who plan to pursue a post secondary education in graphic design or visual communications. Students will learn the process and art of combining text and graphics to communicate an effective message in the design of logos, graphics, brochures, newsletters, posters signs and any other type of visual communication.

- ✓ **May be articulated for credit through BCC and the Tech Prep program.**

**40024 Computer Technology & Design I****.5 Credits**

This course is a basic introduction to computer concepts. Students will be exposed to PC compatible computers. Topics to be introduced include hardware structure, software, operating systems, computer careers, applications, computer development, and troubleshooting strategies. Students will learn to use the Windows 95 operating system and will have a basic introduction to the word processing, database, and spreadsheet applications in Microsoft Office Professional 97.

**40124 Computer Technology & Design II****.5 Credits**

This course will cover the A+ Certification Core, DOS 6.x commands, installing DOS, Windows 95 and 98, plus Office 97. Also, students will explore PC troubleshooting and/or repair, dismantling and rebuilding a PC, and upgrading a PC.

**40224 Networking I****.5 Credits**

Students will be working with CISCO system's OSI's seven-layer-model (network protocols), Local Area Networks, Electronics and Signals, Structured cabling and Electricity, Network Topologies, IP Addressing, TCP/IP, and definitions of the Router on the network and what its function is, along with other types of network media (i.e. bridges, hubs, and Ethernet switches). Students will learn how to create their own RJ-45 jack connections and will be taught how to set up wiring on a patch panel.

**40324 Networking II****.5 Credits**

This CISCO-based course will expand on prior CISCO knowledge. It will extend a student's knowledge and practical experience with the design, configuration, and maintenance of switches, Local Area Networks (LANs), Virtual Local Area Networks (VLANs), Wide Area Networks (WANs), Internet Packet Exchange (IPX), Routing, Interior Gateway Routing (IGRP), Point-to-Point Protocol (PPP), and Frame Relay Design.

**08104 Building Technology I****.5 Credits**

This course will provide students with an introduction, basic knowledge and skills required for construction of commercial, residential, and institutional structures. The course will provide experiences and information (including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing cabinets and equipment, finishing surfaces, and providing maintenance.

**08114 Building Technology II****.5 Credits**

This course will be a continuation of Building Technology I, expanding student skills and knowledge required for construction of commercial, residential, and institutional structures. The course will provide experiences and information (including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing cabinets and equipment, finishing surfaces, and providing maintenance.

**08174 Building Technology Lab****3 Credits**

This course will be a continuation of Building Technology II, expanding student skills and knowledge required for construction of commercial, residential, and institutional structures. The course will provide experiences and information including hands on opportunities within the Durfee facility and Fall River District in construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing cabinets and equipment, finishing surfaces, and providing maintenance.

**08614 Electronics I/Robotics****.5 Credits**

This mixed grade level elective is a theory based introductory class that will give students the basic knowledge and skills of electronic technology. Students will be introduced to laboratory safety, basic use of hand tools, sources of electricity, electronics component theory, Ohm's law, diagnostic tools & soldering techniques. May be articulated for credit through BCC and the Tech Prep program

**08624 Electronics II/Robotics****.5 Credits**

Students will apply their knowledge from Electronics I to advanced electrical theory. Laboratory safety and use of appropriate hand tools and diagnostic equipment is covered. Students will design & build circuits using physics and the laws of voltage, current and power. May be articulated for credit through BCC and the Tech Prep program

**08304 Wood Technology I****.5 Credits**

This course offers an exploratory experience designed to give students insight into the major areas of woodworking. Students will develop basic technical skills, learn design concepts, woodworking methods and basic construction principles.

**08314 Wood Technology II****.5 Credits**

In this course, students will use their knowledge from Wood I to design and construct class projects. Concepts used will be design, power tools, model making, construction basics and reading scale drawings. Students will construct a scale house model.

**08324 Wood Technology III****.5 Credits**

This course offers advanced experience in Wood Technology. Students will use their knowledge from Wood Technology II to design and construct individual and class projects that will relate to everyday life.

**08374 Production Wood Technology****.5 Credits**

Students will learn to design, build, and market a product from start to finish. Students will be involved in the production of class designed projects. Open to any student with at least 3 years of experience in Tec Ed. Students with less experience will need permission of instructor.

# SCHOOL TO CAREER PROGRAM

School to Career is a program designed to provide a structure for school and businesses to close the gap between classroom learning and the skills necessary for career success. Durfee students are encouraged to participate in school to career internships as part of the program. Internships involve a student being placed at a particular work site that matches his/her interest and career goals.

Upon completion of their internship, School to Career students should be better prepared for the world of work when they graduate from B.M.C. Durfee High School and/or college. They will be exposed to the workplace competencies developed through the Massachusetts Work-Based Learning Plan. These requirements should better help students understand what is required to have a successful career by promoting positive self development, confidence and self esteem through goal setting, working with others and improving their work skills.

COURSE	DESCRIPTION	LEVEL	GRADES	TERM	CREDITS
04434	STC School To Career Internship	EI	11,12	S1	1.5
04454	STC School To Career Internship	EI	11,12	S2	1.5

**04434 SCHOOL TO CAREER INTERNSHIP (1st Semester) 1.5 CREDITS**

**04454 SCHOOL TO CAREER INTERNSHIP (2<sup>nd</sup> Semester) 1.5 CREDITS**

This course will provide the opportunity for students to apply their academics to the real world of work. Students will be required to attend one class a week which will focus on work readiness skills including resume writing, cover letters, filling out applications, interviewing techniques and other skills necessary to be successful in the world of work. Internships may be paid or unpaid experiences.

***Note: An application must be completed and submitted to the School to Career office. Students must be at least 16 and have a signed agreement from a parent/guardian.***



# INSTRUCTIONAL MEDIA

## *Ambrose F. Keeley Library Media Center*

The mission of the Keeley Library Media Center is to ensure that students and staff are effective users of ideas and information by supporting the school's curriculum with access to current, adequate, and appropriate resources. The library serves students and staff by developing information literacy skills through individual assistance and formal class instruction. The library staff works cooperatively and collaboratively with teachers to guide students in the information problem solving process and to assist students with their educational and recreational reading needs. The primary objective of the library staff is to help students develop research skills and gain confidence in the use of library resources.

The collection contains reference sources, books, newspapers, magazines, and videos. The online database subscriptions are provided through membership in the Southeastern Massachusetts Library System. Students are encouraged to use both print and online resources for class projects. Students and staff can access the library's collection with iBistro, the online public access catalog, provided by the SAILS Library Network. The iBistro catalog also provides access to public, school, and academic libraries throughout the Southeastern Massachusetts region. Membership in these networks allows students and staff to borrow materials from over fifty libraries in Southeastern Massachusetts. In addition, the library provides computers with software programs and internet access.

Library instruction is aligned with the curriculum and focuses on the American Library Association's *Information Literacy Standards for Student Learning*. The Keeley Library Media Center is a true extension of the classroom.

### **The library media center will support the school with the following Student Academic Expectations:**

- ❖ Demonstrate the ability to apply information to solve problems, make informed decisions and to work cooperatively with others.
- ❖ Demonstrate information literacy by finding and using information efficiently, critically, and ethically.

### *Elective Course Offerings*

COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDIT
62524	Library Aide (2 Day)	EL	11,12	SEM	.2
62534	Library Aide (3 Day)	EL	11,12	SEM	.3

### **Course Descriptions**

**62524 Library Aide (2 Day)**

**.2 Credits**

**62534 Library Aide (3 Day)**

**.3 Credits**

**Grades: 11,12**

In the course of assisting in the operation of the Keeley Library, students will learn the fundamentals of material location, information retrieval, and reference skills. Students need to be familiar with computer applications, have a basic knowledge of reference sources, and be able to communicate effectively with library patrons. Students need the permission of the librarian to enroll in this course.



# U.S. NAVAL JUNIOR ROTC

## NAVAL SCIENCE

The United States Naval Junior Reserve Officer Training Corps (NJROTC) Naval Science Program is offered to all B.M.C. Durfee High School students who meet the following criteria:

- Enrolled as a regular student in B.M.C. Durfee High School
  - Physically fit (Eligible to participate in Physical Education Program at B.M.C. Durfee High School)
  - Are willing to wear the NJROTC uniform and abide by regulations.
- ◆ NJROTC is a one to four-year program combining a broadly based Naval Science curriculum and the total development of management and leadership abilities. NJROTC may be substituted each year for the Physical Education graduation requirement.
- ◆ The NJROTC mission is to: acquaint students with the naval science age; develop leadership skills; strengthen character; and promote an improved understanding of the roles and responsibilities of citizenship in our democratic society. People who are successful in life, those who succeed in business, industry, and education, have often developed strong self-discipline, an ability to lead and motivate others, and well-rounded character.
- ◆ NJROTC teaches you self-discipline, self-confidence and leadership skills that can help you meet life's challenges successfully. NJROTC curriculum, instruction, and activities are designed to develop your leadership ability, regardless of your career path.
- ◆ The first year is an introduction to the basics of citizenship, leadership and military customs and drill. The second year covers maritime history, leadership and an introduction to the nautical sciences. The third year covers national strategy and naval operations, military and international law, and naval skills. The fourth year covers leadership in depth and students hold various positions of responsibility in the administration of the unit. Those who wish to become cadets must agree beforehand to meet the NJROTC grooming standards and to wear the uniform at least one day per week and on special occasions as required. (Uniforms are provided at no cost to the students.)
- ◆ NJROTC students are eligible to compete on various teams, which include drill and rifle marksmanship, against other high schools and may earn a varsity letter.

## NAVAL SCIENCE COURSE OFFERINGS

<b>COURSE #</b>	<b>DESCRIPTION</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
75114	Naval Science 1	EL	9, 10, 11, 12	YR	1
75122	Naval Science 2	2	10, 11, 12	YR	1
75121	Naval Science 2 - Honors	1	10, 11, 12	YR	1
75132	Naval Science 3	2	11, 12	YR	1
75131	Naval Science 3 - Honors	1	11, 12	YR	1
75141	Naval Science 4 - Honors	1	12	YR	1

### Course Descriptions

#### **75114 NAVAL SCIENCE 1**

**1 Credit**

This is a yearlong course open to students in any grade. This is a course primarily on “*citizenship*.” It provides an introduction to military principles and drill, the heritage and traditions of America, elements of leadership and teamwork.

#### **75122 NAVAL SCIENCE 2**

**1 Credit**

This course expands upon 75114 and includes introduction to maritime history and nautical sciences. Leadership principles are more strongly emphasized.

✓ *Prerequisite: A passing grade in Naval Science 1.*

#### **75132 NAVAL SCIENCE 3**

**1 Credit**

This course introduces national strategy and naval operations, military and international law, and naval skills. Continued emphasis on leadership principles is stressed.

*Prerequisite: A passing grade in Naval Science 2*

#### **75121 HONORS NAVAL SCIENCE 2**

**1 Credit**

This course includes all aspects of 75122 with additional responsibility for special projects. Leadership skills are developed at the platoon level.

✓ *Prerequisite: A passing grade in Naval Science 1.*

#### **75131 HONORS NAVAL SCIENCE 3**

**1 Credit**

This course is primarily the same as 75132 with additional responsibilities for special projects to demonstrate the concepts and knowledge learned. Cadets increase leadership skills in company and staff positions.

✓ *Prerequisite: A passing grade in Naval Science 2.*

#### **75141 HONORS NAVAL SCIENCE 4**

**1 Credit**

This is a unique course in leadership and management. Cadets will examine leadership by learning about human behavior and group dynamics. Numerous autobiographical and biographical studies will be used to examine leadership styles. Cadets will be involved in independent study and provide leadership for NS 1 cadet.

✓ *Prerequisite: A passing grade in Naval Science 3.*

# ACADEMIC DEVELOPMENT CENTER (ADC)

The ADC Program is a semester-long course wherein referred academically “at risk” students receive tutoring services from peer tutors. The belief is that these peer tutors can affect positive academic and personal changes in their tutees. Students wishing to become tutors will work with the ADC Coordinator and will receive training to assist the struggling students. Student Tutors will be assigned to the ADC the same as any elective course. Students working as tutors will either be assigned individual students that need assistance, will work with groups of students, or will be “out-sourced” to work with students in the classroom setting. Credit is awarded (.5) on a semester basis for both tutors and students who are receiving the tutoring (tutees).

The ADC is people helping people with the belief that peer tutors can effect real and lasting positive educational and personal changes. Students can be referred to the ADC by faculty, guidance counselors, administrators, parents and by self-referral. The ADC Coordinator, along with teachers assigned to the program, is also available and expected to assist and encourage the tutors and tutees.

<b>COURSE #</b>	<b>DESCRIPTION</b>	<b>LEVEL</b>	<b>GRADES</b>	<b>TERM</b>	<b>CREDIT</b>
90004	Academic Development Center Tutor	2	11,12	SEM	.5
<u>See counselor</u>	Academic Development Center Tutee	2	9,10,11,12	SEM	.5