

DURFEE HIGH SCHOOL



2019-2020 Program of Studies



1852
Fall River High School



1887
B.M.C. Durfee High School



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

TABLE OF CONTENTS

General Information, Policies and Procedures

Phone Numbers	3
Accreditation Statement	4
Principal’s Welcome	5
Core Beliefs & Values.....	6
School Counselor Assignments	7
College and Career Readiness Supports	8
Academic Advising	9
Course Level Selection	9
Schedule Changes	10
Grading Policy/GPA.....	10
Graduation Requirements	12
Grade Promotion Requirements	13
World Language Waiver.....	14
NCAA Eligibility	15
Notations & Policies.....	86

Departments & Course Offerings

English Language Arts	16
Mathematics.....	22
Science.....	27
Social Studies	34
World Languages	41
ELL	46
Visual Arts.....	50
Performing Arts	54
Health & Physical Education	59
Career and Technical Education	66
FRED-TV	77
Naval ROTC	79
School-to-Career.....	81
Learn to Serve.....	82
Project R&B.....	82
Specialized Programs	85

If you need any version of this document translated please contact the principal’s office.

Para recibir alguna parte de este documento en español favor de llamar al principal

Para receber alguma parte deste documento em português por favor chame principal

SCHOOL ADMINISTRATION IMPORTANT PHONE NUMBERS

Durfee Main Phone Number: 508-675-8100

Durfee Main FAX: 508-675-8186

SUPERINTENDENT OF SCHOOLS

Telephone

ASSISTANT SUPERINTENDENT OF INSTRUCTION

Telephone

ASSISTANT SUPERINTEDENT OF STUDENT SERVICES

Telephone

PRINCIPAL

Telephone

DIRECTOR OF OPERATIONS & STUDENT SUPPORT

Telephone

DIRECTOR OF GUIDANCE

Telephone

DIRECTOR OF ATHLETICS

Telephone

Grade 09 Class of 2022 VICE PRINCIPAL

Telephone

Grade 10 Class of 2019 VICE PRINCIPAL

Telephone

Grade 11 Class of 2021 VICE PRINCIPAL

Telephone

Grade 12 Class of 2020 VICE PRINCIPAL

Telephone

DEAN OF ELA

Telephone

DEAN OF MATHEMATICS

Telephone

DEAN OF SOCIAL SCIENCE & WORLD LANGUAGE

Telephone

DEAN OF SCIENCE

Telephone

DEPT HEAD of WORLD LANGUAGE & ELL

Telephone

DIRECTOR OF FINE ARTS

Telephone

COORDINATOR OF HEALTH AND PE

Telephone

SUPERVISOR OF SPECIAL EDUCATION

Telephone

DIRECTOR OF CVTE

Telephone

Dr. Matthew Malone

508-675-8420 Ext. 53705

Ms. Julia Carlson

508-675-8420 Ext. 53801

Dr. Ann Dargon

508-675-8420 Ext. 53662

Mr. Matthew Desmarais

508-675-8100 Ext.41500

Ms. Shayna Morgan

508-675-8100 Ext.41502

Mr. Andrew Woodward

508-675-8100 Ext.41560

Mr. Brad Bustin

508-675-8100 Ext.41555

Dr. Jessica Stephens

508-675-8100 Ext.41535

Mr. Taylor Brown

508-675-8100 Ext.41542

Mr. Jason Gray

508-675-8100 Ext.41521

Ms. Melissa Fogarty

508-675-8100 Ext. 41528

Ms. Jessica Vinacco

508-675-8100 Ext.41584

Ms. Jessee Clements

508-675-8100 Ext.41571

Mr. Michael Costa

508-675-8100 Ext.41572

Ms. Jennifer Saunders

508-675-8100 Ext.41573

Dr. Shelly Sousa

508-675-8100 Ext.

Ms. Jacqueline Francisco

508-675-8100 Ext.41548

Ms. Michele Sharpe

508-675-8100 Ext 41999

Mr. Jerald Lima

508-675-8100 Ext

Mr. Raymond Medeiros

508-675-8100 Ext. 41566

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 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 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**

Dear Students and Parents/Guardians:

Welcome to the B.M.C. Durfee High School Program of Studies!

The *2019-2020 Program of Studies* will provide you with the information needed to make thoughtful choices about your academic future. It provides you with comprehensive and detailed information on all courses and program requirements offered at Durfee High School. This document also provides you with information on college planning, graduation requirements and other important information about your academic journey at Durfee High School.

We advise you and your parents/guardians to read the *2019-2020 Program of Studies* carefully, and select courses that will provide you with well-rounded academic experiences, college and career readiness skills, and learning opportunities to succeed in the 21st century. By mapping out your courses, you will not only be able to complete your graduation requirements, but also have the opportunity to take additional courses that enrich your learning experiences and help you explore future careers.

Students and parents should consider the following steps when choosing classes to increase the potential for reaching their academic and college/career goals:

- 1. Gather Information:** A major part of the process of course selection involves the gathering of information. Please use this book as a resource and contact your student's counselor or current teachers with any questions.
- 2. Work Together to Select Courses:** Course selection is an important step in taking ownership of their educational future. Parents/Guardians should support their student in this process.
- 3. Consider your future plans:** You will want to select courses that are related to the field you wish to study. Many colleges have specific entrance requirements in addition to the minimum high school graduation requirements.
- 4. Choose courses that will accomplish the following:**
 - Satisfy course and credit requirements for graduation.
 - Build up academic and real-world skills needed for future plans.
 - Explore unfamiliar areas and/or develop areas 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.

Our knowledgeable and dedicated counselors, teachers, and administrators are here to partner with you to help make these important choices. It is our hope that you will use this *2019-2020 Program of Studies* as a roadmap to guide you and that you will contact us with any questions about the course selection process.

Sincerely,
Matthew Desmarais
Principal,
B.M.C. Durfee HS

Sincerely,
Andrew Woodward,
Director of Guidance,
B.M.C. Durfee HS

Fall River Public Schools Mission Statements

Fall River Public Schools

The mission of the Fall River Public Schools is to provide a quality education so that all students will attain their fullest potential and become responsible members of society. We are committed to providing quality teaching and learning in a respectful, safe, healthy and supportive environment that links students, parents, and staff in a community of lifelong learners and capable problem solvers.

B.M.C. Durfee HS

The B.M.C. Durfee High School community is dedicated to providing a safe, rigorous learning environment that is equitable, inclusive, and collaborative, empowering students to explore diverse paths and succeed in the 21st Century.

All Hilltoppers have Durfee PRIDE!

- P** PURPOSE: Students will demonstrate informational literacy through clear and effective articulation of ideas using various forms of communication.
- R** RESPONSIBILITY: Student will demonstrate personal accountability to the school community.
- I** INNOVATION: Students will demonstrate content literacy by analyzing and solving problems in collaborative academic and real world settings.
- D** DILIGENCE: Students will demonstrate care, effort, and persistence in accomplishing their academic, social, and future goals.
- E** EMPOWERMENT: Students will be able to synthesize the PRIDE expectations.

Durfee High School Guidance Department Mission:

The mission of the B.M.C. Durfee HS Guidance Department is to support and empower the academic, personal/social and career development of all students. In collaboration with school, family, and community partners, counselors will guide students toward becoming lifelong learners who are resilient and contributing members of their community.

Durfee High School Guidance Department Vision:

The School guidance counselors at Durfee High School believe:

- All students will have equal access to school guidance counseling programs and services.
- All students can develop the skills necessary for academic success, personal growth, positive interpersonal relationships, and career development
- All students have diverse strengths, needs, and abilities that contribute to their personal growth and development.
- All students will have access to information and resources pertaining to post-secondary planning.
- The school guidance counseling program is integral to the school system's efforts to create a positive school environment which promotes diversity and student learning.
- The building of relationships with students, teachers, parents and community members is at the core of supporting student success.
- School Counselors are partners in education and must effectively collaborate with students, parents, educators, and community members to ensure all student needs are met.
- Data analysis is critical to the design and implementation of programs that support student success.
- Professional Development is vital to supporting professional growth and is critical to maintaining a high quality school guidance counseling program.

B.M.C. Durfee High School Counselor Assignments

All students are assigned to counselors by their year of graduation and via their last name. In freshman year, students will be assigned to a freshman counselor for one year only. These counselors will support and advocate for students as they transition into Durfee High School. Beginning in the sophomore year, students remain with their counselor through graduation. Please do not hesitate to contact your student's counselors with any questions about the course selection process

S

Vice Principal

Dr. Jessica Stephens

Student Support Counselor – Amy Sly
Aslys@fallriverschools.org
Behavior Specialist – John Gomes
Jgomes@fallriverschools.org

Guidance/Adjustment Counselors

Ms. Janet Pacheco (A-L)
JLPacheco@fallriverschools.org
Ms. Denise Boland (M-Z) – Guidance
Dboland@fallriverschools.org
Ms. Kathy Cuevas - Adjustment
KCuevas@fallriverschools.org
Mr. Bill Thran – Adjustment
Wthran@fallriverschools.org

Grade 10 Class of 2022

Vice Principal

Mr. Taylor Brown

Student Support Counselor – Lajohn Jones
Ldjones@fallriverschools.org

Guidance/Adjustment Counselors

Ms. Jenna Lagasse (A-K) – Guidance
Jlagasse@fallriverschools.org
Ms. Kim Napolitano (L-Z) – Guidance
Knapolitano@fallriverschools.org
Ms. Claudia Costa – Adjustment
Cicosta@fallriverschools.org

Grade 11 Class of 2021

Vice Principal

Mr. Jason Gray

Guidance/Adjustment Counselors

Ms. Rachel Fellows (A-J) – Guidance
Rfellows@fallriverschools.org
Ms. Kerry Bulk (K-MC) – Guidance
Kbulk@fallriverschools.org
Ms. Coreen Gendreau (ME-Z)
Cgendreau@fallriverschools.org
Ms. Manuela Rodrigues-Adjustment
Mrodrigues@fallriverschools.org

Grade 12 Class of 2020

Vice Principal

Ms. Melissa Fogarty

uAspire Financial Aid Counselor –
Kassandra Sweatt
KassandraS@uAspire.org

Guidance/Adjustment Counselors

Ms. Tricia Tweedie (A-LA)- Guidance
Ttweedie@fallriverschools.org
Ms. Bethany Guimond (LE-Z) –
Guidance
BGuimond@fallriverschools.org
Gretchen Creesy –Adjustment
GCreesy@fallriverschools.org

Durfee HS Guidance: College and Career Readiness Supports

9th Grade

1. Transition Workshop (All Students)
2. Power of 0 Academic Skills Workshop (All Students)
3. Academic Advising Workshop (All Students)
4. College and Career Readiness Workshop – Exploring Careers (Pilot Workshop)
5. College and Career Readiness Workshop - Understanding College Admissions Factors (Pilot Workshop)
6. College and Career Readiness Workshop – Decision Making and Career Goals (Pilot Workshop)
7. College Fair (Optional Opportunity)

10th Grade

1. Transition/Keys to Success Workshop (All Students)
2. Calculating your GPA Workshop & Setting Goals (All Students)
3. Career Interest Inventory and Research Workshop (All Students)
4. Career Fair (All Students)
5. College Fair (Optional Opportunity)
6. PSAT Administration (All Students)
7. Academic Advising Workshop (All Students)

11th Grade

1. College and Career Readiness Workshop - Intro to College Planning and Admissions (All students)
2. College and Career Exploration Workshop - (All Students)
3. Academic Advising Workshop (All Students)
4. College Fair (Optional Opportunity)
5. Career Exploration, Resume Writing, Interview Skills Workshop (Optional Workshop)
6. SAT/ACT Registration Help Sessions (Optional Workshop)
7. Job Shadow (11 Optional Opportunities)
8. Creating a Tiered College List Workshop (Optional Workshop)
9. Military Information Session (Optional Workshop)
10. Volunteer Fair/Community Service Fair (All students)
11. Common Application Preview/Information Workshop (Optional Workshop)

12th Grade

1. College and Career Readiness Workshop – College Planning and Admissions (All Students)
2. Individual College/Career Planning Meetings (All Students)
3. College Fair (All students)
4. Credit for Life Financial Literacy Fair (All Students)
5. College Application Help Workshop (Optional Workshop)
6. After the Acceptance Financial Aid Workshop (Optional Student/Parent Workshop)
7. BCC Registration Palooza Session (Optional Opportunity)
8. Voice of Alumni/Transition Workshops (Pilot)
9. Financial Aid Workshop I & II (Optional Student/Parent Workshop for Grades 11 & 12)

Academic Advising Resources

The student's classroom teacher has in-depth knowledge of the content of various courses taught within his/her department, as well as levels of expectation within each course. The quality of work you are capable of with, in addition to knowing you as a student, allow your teacher to make valid recommendations as to which core academic courses to take within the department.

The student's 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 as well as the courses necessary to be accepted into various post-secondary institutions.

One of the major roles of the counselor can be to advocate for the student's academic, personal/social and career/college needs. The guidance counselor advises students and families about academic pathways and courses that will align with post-high school plans. A student/parent conference about these choices can be arranged by contacting the student's guidance counselor. Please understand that not all student choices can be accommodated within the Durfee HS schedule.

Course Level Selection

All course levels are designed to provide maximum intellectual challenge for each student. Placement is based on academic ability but effort and motivation also plays an important role in academic success. Teachers make initial recommendations for honors and CP levels based on past academic performance in current classes. Students interested in AP courses will fill out an AP application. Parents/guardians and students also have an important role in all placement decisions. Families should review placement recommendations and contact their guidance counselor with any questions or concerns. 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), Dual Enrollment (DE), and un-weighted levels are differentiated by the degree of difficulty, intensity of study, and pace.

Course levels are designated as follows:

College Prep (CP):

This is the traditional preparation for four-year colleges.

Honors (H):

An intense course that demands independent learning as well as critical, creative, and analytical thinking.

Advanced Placement (AP):

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 will follow curriculum approved by The College Board and students taking these classes are required to take the AP exam at the culmination of the course. If students do not take the AP exam, they will only receive honors level for 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. All students are required to agree to and sign an AP Contract upon registering for the course. In order to register for an AP class an AP application must be turned into the student's counselor.

Dual Enrollment (DE):

Through affiliations with area colleges, students can participate in the Dual Enrollment Program. This program allows students to take college-level courses while enrolled at Durfee High School. Courses taken can be used to fulfill graduation requirements or be used as elective credit. Dual Enrollment courses are intended to provide advanced standing at their chosen college. All Dual Enrollment courses will be weighted the same as AP courses to indicate college coursework. All Dual Enrollment courses will appear on the student's high school transcript.

Students must have a minimum high school GPA of 2.5 to participate. All students who meet the GPA requirement are eligible to participate upon recommendation of their counselor. Some scholarships are available to pay for Dual Enrollment courses at BCC. Priority for scholarships is given to students who are economically disadvantaged, but all students may request a scholarship by contacting their counselor. Scholarships are only available for one dual enrolled course per calendar year.

Project Lead the Way (PLTW)

The STEM Scholars-Project Lead the Way (PLTW) Program is a nationally normed and recognized program that allows students to earn college credit on the high school campus. The curriculum is a rigorous set of courses made up of honors biomedical, computer science or engineering topics. Eighth grade students committed to pursuing career pathways in STEM fields are eligible for the program as a freshman. STEM Scholars pursuing an Engineering pathway would begin by taking Introduction to Engineering Design along with Honors Biology during their freshman year. STEM Scholars pursuing a Biomedical pathway would begin by taking Principles of Biomedical Science along with Honors Biology during their freshman year. Computer Science scholars pursuing a computer science pathway would begin by taking a Computer Science Essentials course. Scholars are able to participate in additional college credit opportunities such as Dual Enrollment (DE) courses which meet graduation requirements for high school and Associate of Arts Degree requirements for Bristol Community College and College Board Advanced Placement (AP) courses.

Schedule Changes

The B.M.C. Durfee High School Guidance Department works very hard during and after the registration process to ensure that all students are correctly placed in their classes. It is expected that when these course selections are made, the student will have the commitment to stick with their choices.

Families will receive their student's schedule in August, prior to the school year beginning. Students and families are required to contact their counselor prior to the start of school year with any questions or requests about schedule changes. Schedule changes after the school year begins will only be made for errors, duplicate courses, intervention courses, needed graduation requirements, or pre-requisite elective issues. Students and parents are can request changes to semester 2, term 3, or term 4 classes by contacting their guidance counselor prior to the beginning of term 3.

Grading System

Students are evaluated four times a year with a report card issued at the end of each term. In addition, students will receive progress reports from all teachers at the midpoint of each term. Students will receive a letter grade for their final grade in 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	(65-69)	F	(64 and below)		

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

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. Please be advised that many colleges/universities re-calculate GPA based on their own standards.**

B.M.C. Durfee HS utilizes a weighted GPA (Grade Point Average) system that is listed in the chart below. 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 GPA for all courses (except for Durfee Discovery Exploratory courses) at B.M.C. Durfee. Weighted GPA will be calculated from all classes with the exception of Durfee Discovery and Pass/Fail courses.

- Class rank is computed at the end of each school year.

Weighted GPA Scale

Grade	Non Weighted GPA Scale	College Preparation (CP)	Honors	Advanced Placement
A+	4.0	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	1.0	1.0	1.5	2.0
F	0	0	0	0

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 course, regardless of level. Thus, an A+ is worth 4.0 points, and an A- is worth 3.7 points, etc. 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 meeting local and statewide academic requirements. The diploma also signifies that the student has, in the opinion of the School Committee, met standards of conduct during the period up to and including the time of graduation.

Fall River Public Schools has endorsed MassCore requirements for all students and has embedded these requirements into the graduation requirements at B.M.C. Durfee High School. MassCore is a recommended, rigorous course of study based on standards in Massachusetts’s curriculum frameworks that aligns high school coursework with college and career expectations. MassCore was developed to provide guidance for a course of study that will help provide students with the academic preparation required for success in postsecondary education and the workplace. Please refer to <http://www.doe.mass.edu/ccr/masscore/> for more information

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 scores of the Massachusetts Comprehensive Assessment System (MCAS) in ELA, Math and Science.

Minimum Course Graduation Requirements

English	4 Courses
Math	4 Courses
Science	3 Lab Science Courses
Social Science	Equivalent of 3 FY Social Studies Courses*
World Language	2 Courses of the same Language**
Health	2 Health Courses*****
Physical Education	4 Physical Education Courses***
Fine or Performing Arts	1 Course****

***Social Studies Courses:**

The third social science course requirement is split into two parts, US/World History III during junior year (Part A) and Senior Seminar: Contemporary Issues (Part B) senior year. Students will have to pass part A and part B to receive credit for their 3rd course in Social Science. AP European History, AP US History, AP Research, AP Government, AP Human Geography, Dual Enrollment grade in History course of B or Better and two terms of Learn to Serve can waive the part B history requirement

****World Language Waiver Policy:**

For Information on World Language waiver policy please see page 14 for details

*****Physical Education Waivers**

1. All students in good academic standing who are currently participating in at least one (1) interscholastic sport seasons in school may be granted a waiver for their physical education requirement if their schedule does not allow for Physical Education. The purpose of this policy is to expand access and opportunity for students to participate in approved rigorous courses.
 - a. *Students seeking this waiver must submit a physical education waiver contract to their perspective guidance counselor. This waiver needs to be approved by the Director of Athletics and Coordinator of PE & Health*
2. Each NJROTC Courses that a student takes can count as one Physical Education course requirement towards graduation

******Fine or Performing Arts Waiver Policy:**

1. Students who complete 3 years of a Chapter 74 Program (Culinary Arts, Cosmetology, Health Assisting, Early Ed and Childcare, Environmental Science Technology, and Visual Design) are eligible or a waiver of Fine/Performing Arts requirements.

*******Health**

1. In the 2017-2018 SY the following additional courses counted toward Health graduation requirement: Study of Disease, Stress Management, Health Issue, Health I, Health II, Sports Medicine and Human Anatomy,.

Minimum Credits Needed for Promotion & Graduation

BMC Durfee High School awards credits based on the amount of time students spend in class. In addition to specific course requirements, students need a specific number of minimum credits to be promoted to the next grade level and to satisfy graduation requirements. The following is the number of credits awarded per class:

Full Year, Everyday classes	5 Credits
Semester, Everyday classes	2.5 Credits
Term, Everyday classes	1.25 Credits
Total Credits available to earn in 2017-2018 School Year	30 Credits

CLASS of 2023

- To enter the Sophomore Class, a student must have earned a minimum of 21 credits
- To enter the Junior Class, a student must have earned a minimum of 45 credits.
- To enter the Senior Class, a student must have earned a minimum of 70 credits
- The minimum Graduation Requirement is **100**

CLASS of 2022

- To enter the Sophomore Class, a student must have earned a minimum of 21 credits
- To enter the Junior Class, a student must have earned a minimum of 45 credits.
- To enter the Senior Class, a student must have earned a minimum of 70 credits
- The minimum Graduation Requirement is **100**

CLASS of 2021

- To enter the Sophomore Class, a student must have earned a minimum of 21 credits
- To enter the Junior Class, a student must have earned a minimum of 45 credits.
- To enter the Senior Class, a student must have earned a minimum of 70 credits
- The minimum Graduation Requirement is **100**

CLASS of 2020

- To enter the Junior Class, a student must have earned a minimum of 26 credits.
- To enter the Senior Class, a student must have earned a minimum of 50.5 credits.
- The minimum Graduation Requirement is **79 credits**.

World Languages Waiver Policy

Chapter 74 CVTE Student Waivers (Information adapted from:

<http://www.mass.edu/shared/documents/admissions/admissionsstandards.pdf>)

1. Chapter 74 CVTE Students can receive two years of world language waivers if they earn credit for two CVTE courses (Durfee Discovery does not count). **AND**
2. Take 1 additional course in the following area: Math, Science, Computer Science, or World Language
3. Waiver forms must be signed off by Vice Principal or designee and placed in student cumulative folder

English Language Learner Student Waivers– (Information adapted from:

<http://www.mass.edu/shared/documents/admissions/.pdf>)

Admissions standards

1. All ELL students can receive world language waivers by substituting two additional college preparatory courses (English, Math, Science, Social Studies) from any area.
2. If a student ever received ELL services in Tier A, Tier B, Tier C, or Bridging classes, they will qualify for this waiver opportunity even if they transition out of ELL classes prior to graduation.
3. ELL students should be strongly encouraged to take a language (if appropriate) to support career and college readiness goals.
4. Waiver forms must be signed off by building Vice Principal or designee and placed in student cumulative folder

Special Education Student Waivers -- (Information adapted from:

<http://www.mass.edu/shared/documents/admissions/admissionsstandards.pdf>)

1. Special Education students with documented learning disabilities, intellectual disabilities, communication, emotional disabilities, and other students requiring interventions that impact their success in World Language classes will be considered for waivers.
2. Students on IEP's **are not** automatically granted a waiver, but can be granted a world language waiver by decision of the IEP special education team or school administration.
3. Students who are granted a world language waiver **will not** have their waiver rescinded at a later date.
 - a. Special education students should be encouraged to take a language (if appropriate) to support career and college readiness goals.
4. Waiver forms must be signed off by IEP Team chair person, special education department chair, OR school based administrator

Transfer Students Waivers

1. Students enrolling in Fall River Public Schools after the first day of school of their Junior year qualify for 1 year of a world language waiver. They will be required to take one year of a World Language.
2. Students enrolling in Fall River Public Schools after the first day of school of their senior year qualify for 2 years of a world language waiver and will not have to take a world language for graduation requirements.
3. Waiver forms must be signed off by building Vice Principal or designee and placed in student cumulative folder
4. Student is enrolled in a Dropout Prevention Program, Social-Emotional Intervention, or Academic

Intervention Waivers

1. Student is enrolled in a Dropout Prevention academic or social-emotional support class or group during junior/senior year
2. Student is enrolled in an MCAS Support or credit recovery Intervention class
3. Waiver forms must be signed off by Principal or designee

NCAA Academic Requirements for Student Athletes

Core Course Requirements	Division I Requirements	Division II Requirements
English	4 Courses	3 Courses
Math	3 Courses	2 Courses
Science	2 Courses	2 Courses
Social Science	2 Courses	2 Courses
Additional Math, English or Science	1 Courses	3 Courses
Additional English, Math, Science, Social Science, World Language, Philosophy, or Religion	4 Courses	4 Courses
Total required Core-Courses passed	16	16

Additional Requirements	Division I	Division II
Required core courses passed by the 7 th semester of high school	10 (Full Qualifier) None (Academic Red Shirt)	None
Minimum Core-Course GPA	2.3 (Full Qualifier) 2.0 (Academic Redshirt)	2.2 (Full Qualifier) 2.0 (Partial Qualifier)
Minimum SAT/ACT* (See Link Below for Details) http://www.ncaa.org/student-athletes/future/test-scores	Sliding Scale based on GPA, the higher the GPA, the lower SAT/ACT score Requirement	Sliding Scale based on GPA, the higher the GPA, the lower ACT/SAT score Requirement
High School Diploma Required?	Yes	Yes

For More Information or questions on requirements, please contact your student's guidance counselor

Full Qualifier - Can practice and compete

College-bound student athletes may practice complete and receive athletic scholarship during their first ear of enrollment at an NCAA Division 1 School

Division I Academic Redshirt - Student can practice with team but cannot compete in games/events

College-bound student athletes may receive athletic scholarships during their first year of enrollment and may practice during their first regular academic term, but may not compete during their first year of enrollment.

Division II Partial Qualifier - Student can practice with team but cannot compete in games/events

College-bound student athletes may receive athletic scholarships during their first year of enrollment and may practice during their first regular academic term, but may not compete during their first year of enrollment.

Source: NCAA Eligibility Center

<http://www.ncaa.org/student-athletes/future/eligibility-center>

ENGLISH LANGUAGE ARTS

The English Language Arts Department offers a wide selection of courses that all focus on building literacy skills. Literacy extends beyond the ability to read and write. It also encompasses authentic communication through speaking, listening, while bolstering reading and writing skills. 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 is aligned to the MA Common Core State Standards and promotes student appreciation and understanding of classic, contemporary, and multicultural literature.

English/Language Arts Core Course Offerings					
COURSE	TITLE	LEVEL	GRADES	OFFERED	CREDIT
09211	Pre-AP English	HON	9-10	YR	5
09101F	Honors English I Introduction to Literature	HON	9	YR	5
09102F	English I Introduction to Literature CP	CP	9	YR	5
09201	Honors English II Studies in Comparative Literature	HON	10	YR	5
09202	English II Studies in Comparative Literature CP	CP	10	YR	5
09301	Honors English III Studies in Contemporary Literature	HON	11	YR	5
09302	English III Studies in Contemporary Literature CP	CP	11	YR	5
09316	AP Seminar	AP	10-12	YR	5
09311	AP Language and Composition	AP	11-12	YR	5
09411	AP Literature	AP	11-12	YR	5
16614	AP Research	AP	11-12	YR	5
09401	Honors English IV Introduction to College Reading and Writing	HON	12	YR	5
09402	English IV Introduction to College Reading and Writing CP	CP	12	YR	5
Elective Course Offerings					
09504	Introduction to Media Studies	CP	9-12	TERM	1.25
09514	Advanced Media Studies	CP	10-12	SEM	2.5
09531	Honors Editor's Internship	CP	11-12	SEM/YR	2.5/5
09774	Film Studies	CP	11-12	TERM	1.25
09564	Essential Elements of Public Speaking	CP	11-12	TERM	1.25
09754	Freedom Writers	CP	10-12	TERM	1.25
09874	SAT Prep	CP	10-12	TERM	1.25
09822	Creative Writing	CP	10-12	TERM	1.25
09574	Narrative of an Athlete	CP	11-12	TERM	1.25
09584	LGBTQ Studies	CP	11-12	TERM	1.25

ELA Course Descriptions

09211 PRE-AP ENGLISH

5 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 close reading strategies around major literary works; American and British literature (fiction & nonfiction) that have had a profound influence on societal norms. Working knowledge of Literary Terms & Strategies (Tropes), Themes, and the impetus of Character behavior will not only be expected but manifested in weekly Socratic Seminars, Writing Workshops, and student-led academic conferences. The goal of this course is to prepare students to be able to write clearly, concisely, correctly, and completely while structuring an argument while developing a student's ability to recognize, apply, and analyze the concepts associated with the techniques of persuasion in their own writing and in the writing of professional writers. This class is meant for students who plan to take AP language and/ or literature. This is a full year course that meets five times a week.

PREREQUISITE: Teacher recommendation. Students recommended may need to take an entrance exam as well.

09101F HONORS ENGLISH 1: INTRODUCTION TO LITERATURE

5 Credits

Honors English I is a course designed for a motivated student who 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 21st century society in either an academic or career setting. This is a full year course that meets five times a week.

09102F ENGLISH 1: INTRODUCTION TO LITERATURE: CP

5 Credits

English I is a yearlong course designed to develop student's literacy skills and prepare them for college and career pathways. 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 21st century society in either an academic or career setting. This is a full year course that meets five times a week.

09201 HONORS ENGLISH II: STUDIES IN COMPARATIVE LITERATURE

5 Credits

Honors English is a standards based yearlong course designed for the student who is ready for an academic challenge at an accelerated pace. Through a rigorous curriculum, sophomores enrolled in Honors English undertake a study of rhetorical analysis, dystopian literature, and argumentative writing. Vocabulary, grammar, and usage are integrated as part of the study of both literature and composition. Reading and writing exercises similar to those on the MCAS test taken in the sophomore year are included within the curriculum. The overall emphasis is to establish a connection between literature and our modern society. This is a full year course that meets five times a week.

09202 ENGLISH II: STUDIES IN COMPARATIVE LITERATURE CP

5 Credits

Academic English II is a standards based yearlong course designed to expose students to the academic and career pathways of the 21st Century. Through an enriched curriculum, sophomores enrolled in English undertake a study of rhetorical analysis, dystopian literature, and argumentative writing. Vocabulary, grammar, and usage are integrated as part of the study of both literature and composition. Reading and writing exercises similar to those

on the MCAS test taken in the sophomore year are included within the curriculum. The overall emphasis is to establish a connection between literature and our modern society. This is a full year course that meets five times a week.

09301 HONORS ENGLISH III: STUDIES IN CONTEMPORARY LITERATURE

5 Credits

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 a rigorous curriculum, juniors enrolled in Honors English III concentrate on an in-depth study of contemporary themes found in literature, with an emphasis placed upon tracking the development of more than one theme and mimicking an author's style. Composition work is designed to help the student improve writing skills as they prepare for both the academic and career pathways within the 21st century. This is a full year course that meets five times a week.

09302 ENGLISH III: STUDIES IN CONTEMPORARY LITERATURE CP

5 Credits

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 21st century society with a focus on writing and forming solid arguments using apt evidence. Another goal of the course is to instill an understanding and appreciation of contemporary themes. This is a full year course that meets five times a week.

09401 HONORS ENGLISH IV: INTRODUCTION TO COLLEGE READING AND WRITING

5 Credits

Senior Honors Introduction to College Reading and Writing is a yearlong course designed primarily for seniors who plan to continue their studies in a competitive college environment. The course objective is to closely examine the impact of global authors on literary scope and achievement. Selected works of contemporary world literature are 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 21st century are considered. This is a full year course that meets five times a week.

09402 ENGLISH IV: INTRODUCTION TO COLLEGE READING AND WRITING CP

5 Credits

Senior Introduction to College Reading and Writing 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 to the impact of global authors on literary scope and achievement. Selected works of contemporary world literature are 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 21st century are considered. Oral communication, written response, and interpretation of the readings will be the main forms of assessment. This is a full year course that meets five times a week.

09316 ADVANCED PLACEMENT SEMINAR

5 Credits

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts. Students will learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral/visual presentations, both individually and as part of a team. This is a full year course that meets five times a week. **Prerequisite:** Teacher Recommendation and Dean Approval.

16614 ADVANCED PLACEMENT RESEARCH

5 credits

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation

to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. ***This class satisfies the fourth year history requirement in place of Senior History/Contemporary issues . Prerequisite: Passing grade in AP Seminar. Teacher and/or Dean recommendation***

09311 ADVANCED PLACEMENT LANGUAGE & COMPOSITION

5 Credits

Advanced Placement English prepares students to take the Advanced Placement exam in English language and composition given in May. The course engages students in becoming excellent critical thinkers and readers through the use of fiction, non-fiction, poetry, and prose. The focus is on informational texts, which introduce students to prominent issues and perspectives of authors in both the modern and historical society. Students will become skilled at 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 plan to take Advanced Placement Literature and Composition. This is a full year course that meets five times a week.

Prerequisite: Teacher Recommendation and Dean Approval

09411 ADVANCED PLACEMENT LITERATURE & COMPOSITION

5 Credits

Advanced Placement English prepare students to take the Advanced Placement exam in English literature given in May. Focus is on selected literary figures of each age, the ideas that impel 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, which primarily 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. This is a full year course that meets five times a week. **Prerequisite:** Teacher Recommendation and Dean Approval

Elective Course Descriptions

09504 INTRODUCTION TO MEDIA STUDIES

1.25 Credits

Students will learn the skills necessary to publish and print 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*. This course has many advantages for students interested in college and/ or career pathways. The course expands student writing and editing skills, connects students to society, and advances their knowledge of technology in the 21st century. The skills learned can lead directly to college writing, journalism, or communication majors, as well as internships or jobs in the media industry. This a Term course that meets everyday.

09514 ADVANCED MEDIA STUDIES

2.5 Credits

Student journalists (editors and reporters) 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 mastered in this course. Members of this class are required to contribute to the production of the *Durfee Hilltop* and the *Durfee Record Book*. The course has many advantages for students interested in college and/ or career pathways. The course expands student writing and editing skills, connects students to society, and advances their knowledge of technology in the 21st century. The skills learned can lead directly to college writing, journalism, or communication majors, as well as internships or jobs in the media industry. This a semester course that meets everyday. Students may take this course more than once. **Prerequisite:** Successful completion of Introduction to Journalism or teacher permission.

09531 HONORS EDITORS' INTERNSHIP

2.5 Credits/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. This a full year course that meets every day.

09564 ESSENTIALS ELEMENTS OF PUBLIC SPEAKING

1.25 Credits

This course will help students master the vital 21st 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. This is term class that meets everyday.

09774 FILM STUDIES

1.25 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 write compositions that reflect an understanding and interpretation of the films they have screened for class. This elective falls into the college pathway as it mirrors a typical college seminar on film. This course is a fantastic primer for a college course as students who take this course could major in film or media in college as well as English. It is suggested that students 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. This is term class that meets everyday.

09754 FREEDOM WRITERS

1.25 Credits

In this elective, students write stories about their lives in marble notebooks. The curriculum poses mature questions of identity and explores real-world issues so that students can critically explore where they've been, who they're becoming, and how they will overcome any obstacles in their way. This courses requires a trusting and supportive community; to that end, students must be prepared to share out their personal narrative writing and respond to others'. At the end of each semester, students publish a diary that anonymously collects the best of their writing. This is a term course that meets every day.

09822 CREATIVE WRITING

1.25 Credits

This course will help students develop an individual writing style and develop facility in written communication. Many of the writing assignments will stimulate discussion and ask the students to incorporate their impressions and ideas of the world around them into their writing. Students will be asked to write poems, journals, short stories and plays, and are expected to share their work aloud with their classmates. This is a term class that meets everyday.

09874 SAT PREP

1.25 Credits

This course is designed to provide students with strategies in English & Math that should result in increased success on college entrance examinations. The course will be presented in two parts. Part one will focus on critical reading skills, including sentence completion and reading comprehension. Part two will focus on developing essential writing skills, including usage, sentence and paragraph correction and improvement on the SAT essay. This math portion will focus in depth on the three areas of math that play the biggest role in a wide range of college majors and careers: Heart of Algebra, which focuses on the mastery of linear equations and systems; Problem Solving and Data Analysis, which is about being quantitatively literate; and Passport to Advanced Math,

which features questions that require the manipulation of complex equations. This is term class that meets everyday.

09574 NARRATIVE OF AN ATHLETE

1.25 Credits

The Narrative of An Athlete is an elective course that will help students become more critical and reflective in their own writing. Writing assignments will include both critical analysis of the athlete's story as well as reflective narratives of their own story. The writing process will be both critical and reflective as the student analyzes stories that involve competition and commitment. The course will trace the journey of an athlete: *The Dream*, *The Expectations*, *The Obsession*, *The Pitfalls*, and finally, *The Victory*. Each stage will be narrated by various known athletes who have something valuable and insightful to say. These athletes include: Pele, Serena Williams, Chris Herren, Scottie Pippen, Mike Tyson, Billie-Jean King, and Magic Johnson to name a few. This course is designed to help students become both critical and reflective writers - two skills invaluable for college success. Students are expected to share their perspectives in both class discussions and through their own writing. The final assessment will culminate in a "book" that examines and evaluates the athlete's narrative.

09584 LGBTQ STUDIES

1.25 Credits

In LGBTQ Studies, students will explore LGBTQ arts, politics, histories, and cultures. The course has two aims: first, to empower LGBTQ students as individuals, as members of a community, and as activists by building their research and communication skills; and second, to cultivate empathy and allyship across students of all genders and sexualities. Students will be expected to: share personal/text-based narratives related to LGBTQ identities, analyze a broad selection of relevant LGBTQ literary works, discuss intersections across sexuality, gender, race, ethnicity and class, review the history of LGBTQ identities from ancient times to the present, study movements related to LGBTQ rights and cultural values, and exhibit values related to teamwork and collaboration.

MATHEMATICS

The Durfee High School Mathematics curriculum incorporates the Common Core State Standards for Mathematics which are included in the Massachusetts Curriculum Framework for Mathematics - [Click Here](#). In addition to Durfee High School graduation requirements, the Massachusetts Education Reform Law also requires students to pass three MCAS tests as a condition for receiving a high school diploma. Mathematics is one of the mandated areas in the MCAS, and, as such, all students must pass the Grade 10 Math MCAS. In accordance with the Common Core Standards for Mathematics and its Standards for Mathematical Practice, goals of the DHS Mathematics curriculum include improving students' ability to:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Math Core Course Offerings					
COURSE #	TITLE	LEVEL	GRADES	TERM	CREDIT
10101F	Honors Algebra I	HON	9	YR	5
10192F	Algebra I CP	CP	9	YR	5
10131	Topics in Mathematics CP	CP	10	YR	5
10924	Algebra Essentials	CP	9	YR	5
10251	Accelerated Geometry/Algebra II GATE	HON	9-10	YR	5
10201	Honors Plane Geometry	HON	9-10	YR	5
10212	Plane Geometry CP	CP	10	YR	5
10111	Honors Algebra II	HON	10-12	YR	5
10152	Algebra II CP	CP	11-12	YR	5
10143	Integrated Math III CP	CP	11	YR	5
10503	Senior Math CP	CP	12	YR	5
10421	Honors Statistics and Probability	HON	11-12	YR	5
10402	Statistics & Probability CP	CP	11-12	YR	5
10301	Honors Pre-Calculus	HON	10-12	YR	5
10222	Pre-Calculus CP	CP	11-12	YR	5
10321	AP Calculus (AB)	AP	11- 12	YR	5
10331	AP Calculus (BC)	AP	11-12	YR	5
10411	AP Statistics	AP	11-12	YR	5
10611	AP Computer Science (A)	AP	10-12	YR	5
10431	Honors Computer Science Essentials PLTW	PLTW	9-12	SEM	2.5
10991	AP Computer Science Principles	AP	10-12	YR	5
10181	Honors Computer Science: Cybersecurity PLTW	PLTW	10-12	SEM	2.5
10943	MCAS Math Review	CP	12	SEM	2.5

Mathematics Course Descriptions

Students must pass 4 mathematics courses (full year or semester). The 4 core mathematics courses at Durfee HS are Algebra 1, Geometry, Algebra 2, and Pre-Calculus. Massachusetts public colleges require students take a mathematics course during their senior year of high school. All courses are counted as part of the GPA (grade point average), which affects class rank.

10101F HONORS ALGEBRA I

5 Credits

This honors level course focuses on four critical areas: deepen and extend understanding of linear and exponential relationships; contrast linear and exponential relationships with each other and engage in methods for analyzing, solving, and using quadratic functions; extend the laws of exponents to square and cube roots; and apply linear models to data that exhibit a linear trend. This is a fast paced and rigorous full year course that meets five times a week. Prerequisite: Teacher Recommendation and Dean Approval

10192F ALGEBRA I CP

5 Credits

Instructional time focuses on four critical areas: deepen and extend understanding of linear and exponential relationships; contrast linear and exponential relationships with each other and engage in methods for analyzing, solving, and using quadratic functions; extend the laws of exponents to square and cube roots; and apply linear models to data that exhibit a linear trend. This is a full year course that meets five times a week. Prerequisite: Successful completion of 8th grade math

10131 TOPICS IN MATHEMATICS CP

5 Credits

This is an intervention course for sophomores that is designed for students that need additional review in Algebra 1 yet will still receive Geometry instruction sufficient to fulfill graduation requirements. Instructional time focuses on four critical areas: deepen and extend understanding of linear and exponential relationships, contrast linear and exponential relationships with each other and engage in methods for analyzing, solving, and using quadratic functions, extend the laws of exponents to square and cube roots, and apply linear models to data that exhibit a linear trend. This is a full year course that meets five times a week. **Prerequisite:** Guidance recommendation

10924 ALGEBRA ESSENTIALS CP

5 Credits

Instructional time focuses on four critical areas: deepen and extend understanding of linear and exponential relationships; contrast linear and exponential relationships with each other and engage in methods for analyzing, solving, and using quadratic functions; extend the laws of exponents to square and cube roots; and apply linear models to data that exhibit a linear trend. This is a full year course that meets five times a week. **Prerequisite:** Guidance recommendation, Math Dean approval

10251 ACCELERATED GEOMETRY/ALGEBRA II GATE

5 Credits

This course is designed for freshmen and sophomores who wish to achieve the highest possible level in mathematics. This course will cover all of the topics from Honors Geometry and Honors Algebra II. This is a fast paced and rigorous full year course that meets five times a week. **Prerequisite:** Teacher recommendation and dean approval

10201 HONORS PLANE GEOMETRY

5 Credits

This honors level course focuses on six critical areas: establish criteria for congruence of triangles based on rigid motions; establish criteria for similarity of triangles based on dilations and proportional reasoning; informally develop explanations of circumference, area, and volume formulas; apply the Pythagorean Theorem to the

coordinate plane; prove basic geometric theorems; and extend work with probability. This is a fast paced and rigorous full year course that meets five times a week. Prerequisite: Teacher recommendation and dean approval

10212 PLANE GEOMETRY CP

5 Credits

Instructional time focuses on six critical areas: establish criteria for congruence of triangles based on rigid motions; establish criteria for similarity of triangles based on dilations and proportional reasoning; informally develop explanations of circumference, area, and volume formulas; apply the Pythagorean Theorem to the coordinate plane; prove basic geometric theorems; and extend work with probability. This is a full year course that meets five times a week.

10111 HONORS ALGEBRA II

5 Credits

This honors level course focuses on four critical areas: relate arithmetic of rational expressions to arithmetic of rational numbers; expand understandings of functions and graphing to include trigonometric functions; synthesize and generalize functions and extend understanding of exponential functions to logarithmic functions; relate data display and summary statistic to probability and explore a variety of data collection methods. This is a fast paced and rigorous full year course that meets five times a week. Prerequisite: Teacher recommendation and dean approval

10152 ALGEBRA II CP

5 Credits

Instructional time focuses on four critical areas: relate arithmetic of rational expressions to arithmetic of rational numbers; expand understandings of functions and graphing to include trigonometric functions; synthesize and generalize functions and extend understanding of exponential functions to logarithmic functions; relate data display and summary statistic to probability and explore a variety of data collection methods. This is a full year course that meets five times a week.

10143 INTEGRATED MATH III CP

5 Credits

This course is designed for students that need additional review in select topics in Algebra 1 and Geometry to prepare students for Algebra 2 and to meet graduation requirements. Instructional time focuses on six critical areas: extend understanding of numerical manipulation to algebraic manipulation; synthesize understanding of function; deepen and extend understanding of linear relationships; apply linear models to data that exhibit a linear trend; establish criteria for congruence based on rigid motions; and apply the Pythagorean Theorem to the coordinate plane. This is a year course that meets five times a week. **Prerequisite:** Guidance recommendation

10222 PRE-CALCULUS CP

5 Credits

Instructional time focuses on four critical areas: extend work with complex numbers; expand understanding of logarithms and exponential functions; use characteristics of polynomial and rational functions to sketch graphs of those functions; and perform operations with vectors. This is a year course that meets five times a week.

10301 HONORS PRE-CALCULUS

5 Credits

This honors level course focuses on four critical areas: extend work with complex numbers; expand understanding of logarithms and exponential functions; use characteristics of polynomial and rational functions to sketch graphs of those functions; and perform operations with vectors. This is a fast paced and rigorous year course that meets five times a week. Prerequisite: Teacher recommendation and dean approval

10503 SENIOR MATH CP

5 Credits

This course covers topics in math relating to processing, evaluating, understanding, and applying numerical and graphical information in the real world. The course will address problem solving, finance, probability, geometry,

statistics, and demographic studies. It is designed to support students mathematical skills in order to support success in college level math in any post-secondary institution and/or practical math skills needed in the diverse 21st century labor market. This is a year class that meets everyday.

Prerequisite: Guidance recommendation

HONORS STATISTICS & PROBABILITY

5 Credits

Decisions or predictions are often based on data – numbers in context. These decisions or predictions would be easy if the data always sent a clear message, but the message is often obscured by variability. Statistics provides tools for describing variability in data and for making informed decisions that take it into account. This is a rigorous and fast paced semester course that meets five times a week. Prerequisite: Teacher recommendation and dean approval

10402 STATISTICS & PROBABILITY CP

5 Credits

Decisions or predictions are often based on data – numbers in context. These decisions or predictions would be easy if the data always sent a clear message, but the message is often obscured by variability. Statistics provides tools for describing variability in data and for making informed decisions that take it into account. This is a semester course that meets five times a week.

10321 ADVANCED PLACEMENT CALCULUS (AB)

5 Credits

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. This is a college level full year course that meets five times per week. **Prerequisite:** Teacher Recommendation and Dean Approval

10331 ADVANCED PLACEMENT CALCULUS (BC)

5 Credits

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. This is a college level full year course that meets five times per week. **Prerequisite:** Teacher Recommendation and Dean Approval

10411 ADVANCED PLACEMENT STATISTICS

5 Credits

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. This is a full year course that meets five times a week.

Prerequisite: Teacher Recommendation and Dean Approval

10611 ADVANCED PLACEMENT COMPUTER SCIENCE (A)

5 Credits

The AP Computer Science A course is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design

strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes object-oriented and imperative problem solving and design using the Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities. This is a full year course that meets five times a week. **Prerequisite: Teacher recommendation and/or Dean Approval**

10431 HONORS COMPUTER SCIENCE ESSENTIALS (PLTW)

CS Essentials introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. The course engages students in computational thinking practices and collaboration strategies, as well as industry standard tools authentic to how computer science professionals work. Students will learn about professional opportunities in computer science and how computing can be an integral part of all careers today. This is a fast paced and rigorous course that meets 5 times a week for a semester. **Prerequisite: Teacher recommendation and/or Dean Approval**

10181 HONORS COMPUTER SCIENCE: CYBERSECURITY (PLTW)

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

10991 AP COMPUTER SCIENCE PRINCIPLES

The AP Computer Science Principles course is equivalent to a first-semester, college-level course in computer science. AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This is a full year course that meets five times a week. **Prerequisite: Teacher recommendation and/or Dean Approval**

10934 MCAS MATH REVIEW

MCAS Math Review is an intervention class for students needing additional support in meeting graduation requirements. Instructional time will focus on reviewing and practice of non-calculator problem solving and frequently assessed Algebra 1 and Geometry standards. This is a semester course that meets 5 times a week. **Prerequisite: Guidance recommendation**

SCIENCE

Those courses are listed below under the heading Science Department Core Course Offerings and include courses in Science Skills and Foundations, Biology, Marine Biology, Chemistry, and Physics. All students are encouraged to take science core and/or science electives in each year of high school. The Science Department offers an extensive course listing of both core and elective courses. These courses will prepare students with practical, “hands-on” and practiced-based laboratory experiences.

The Education Reform Law also requires students 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.

Massachusetts science standards have transitioned to reflect the Next Generation Scientific Standards. The revised STE standards are intended to drive coherent, rigorous instruction that emphasizes student mastery of both disciplinary core ideas and application of science and engineering practices. In particular, the revised STE standards include:

1. A focus on conceptual understanding and application of concepts
2. Integration of disciplinary core ideas and practices to reflect the discipline of science and technology/engineering
3. Coherent progressions of STE core ideas and practices
4. Coordination with the English Language Arts (ELA) and Mathematics Standards.

In addition, BMC Durfee High School offers an extensive number of AP Science courses. All students taking the AP courses are required to take the end of the year AP exam that could lead to college credit. Beginning in 2012-2013, in conjunction with the CTE Department, BMC Durfee has adopted the nationally recognized Project Lead the Way Program. Students choosing this path will be given an end of the year college assessment test that could lead to College credits. This STEM based curricula centers around students who wish to study Engineering and Biomedical sciences.

Science Core Lab Course Offerings					
COURSE	TITLE	LEVEL	GRADES	TERM	CREDIT
15221	AP Biology w/lab	AP	10-12	YR	5
15211F	Honors Biology (FR) w/lab	HON	9	YR	5
15211	Honors Biology I w/Lab	HON	10-12	YR	5
15053	Integrated Science (FR) w/lab	CP	9	YR	5
15241`	Honors Marine Biology w/Lab	HON	10 - 12	YR	5
15232	Marine Biology CP w/lab	CP	10-12	YR	5
	Honors Biology of Human Reproduction w/lab	HON	11-12	SEM	2.5
15514	Biology of Human Reproduction w/lab CP	CP	11-12	SEM	2.5

15511	Honors Human Biology and Forensics w/lab	HON	11-12	YR	5
15512	Human Biology and Forensics w/Lab	CP	11-12	YR	5
15242	MCAS Science Review w/Lab	CP	10-12	YR	5
15202	Biology I CP w/Lab	CP	10-12	YR	5
15321	AP Chemistry w/lab	AP	11-12	YR	5
15311	Honors Chemistry (FY) w/lab	HON	10-12	YR	5
15302	Chemistry CP (FY) w/lab	CP	10-12	YR	5
15441	AP Physics I w/Lab	AP	11-12	YR	5
15451	AP Physics II w/Lab	AP	11-12	YR	5
15401	Honors Physics (FY) w/Lab	HON	10-12	YR	5
15402	Physics CP (FY) w/lab	CP	10-12	YR	5
15501	AP Environmental Science w/lab	AP	11-12	YR	5
Project Lead the Way (PLTW) Biomedical Course Offerings					
40094	Honors Principles of the Biomedical Sciences I (PLTW)	HON	9-12	.75YR	3.75
15812	Honors Human Body Systems II (PLTW)	HON	10-12	.75YR	3.75
02125	Honors Medical Interventions III (PLTW)	HON	11-12	YR	5
02132	Honors Biomedical Innovations IV: Capstone (PLTW)	HON	12	YR	5
Science Elective Course Offerings					
COURSE #	TITLE	LEVEL	GRADES	TERM	CREDIT
15284	Urban Farming	CP	10-12	TERM	1.25
15264	Ecology	CP	9-12	TERM	1.25
15624	Astronomy 1	CP	10-12	TERM	1.25

Science Course Descriptions

All core science courses have a laboratory component and will involve students in scientific practices including inquiry and design.

15053 INTEGRATED SCIENCE (FR) CP with laboratory component 5 Credits

This course is a rigorous course that incorporates the newly adopted Massachusetts Science Curriculum Frameworks; This course will introduce students to scientific skills and practices and cross cutting concepts in Life and Physical Sciences. Through thematic units (i.e. What is Science, Energy and Importance for Humans) students will be given an opportunity for deeper exploration into foundational standards and hands on applications with scientific practices. This is a full year course that meets five times a week. This is a full year course that meets five times a week.

15211F HONORS BIOLOGY with laboratory component

5 Credits

This is an accelerated standards based course, which incorporates the Massachusetts Science Curriculum Frameworks. Topics include structure and composition of organic molecules, structure and function of cells, protein synthesis, genetics, human anatomy and physiology, evolution and biodiversity, taxonomy, and ecology. This is a full year course that meets five times a week. **This is a Freshman course only.**

15211 HONORS BIOLOGY with laboratory component

5 Credits

This is an accelerated standards based course, which incorporates the Massachusetts Science Curriculum Frameworks. Topics include structure and composition of organic molecules, structure and function of cells, protein synthesis, genetics, human anatomy and physiology, evolution and biodiversity, taxonomy, and ecology. This is a full year course that meets five times a week. This course is for students in grade 10 and 11.

15232 MARINE BIOLOGY CP with laboratory component

5 Credits

This is a lab science course designed for students with an interest in marine biology and oceanography. This course provides a background for students who are interested in further study of the oceans and the organisms that inhabit it. Major concepts include the study of: the interrelationship of marine and terrestrial environments, the geology of the oceans, marine organisms, and the ecology of coral reefs.

Prerequisite: students in this course must have passed their Science MCAS

15241 HONORS MARINE BIOLOGY with laboratory component

5 credits

This is an accelerated lab science course designed for students with a focused interest in marine biology and oceanography. This course provides a more intensive introduction to the study of the oceans and the organisms that inhabit it. Major concepts include the study of: the interrelationship of marine and terrestrial environments, the geology of the oceans, marine organisms, and the ecology of coral reefs.

Prerequisite: students in this course must have passed their Science MCAS

15511 HONORS HUMAN BIOLOGY AND FORENSICS with laboratory component

5 Credits

This standards based course will explore human biological topics including evolution, reproduction, growth and development, human systems, adaptations, diseases and disorders, aging and death, and forensics. This course will be has a laboratory component and will involve students in scientific practices including inquiry and design. These topics will be addressed in an applied and connected manner. This year will expand on many topics in forensics including: overview, specialties, lab work, and applications. This is a year course meeting everyday

15512 HUMAN BIOLOGY AND FORENSICS CP with laboratory component

5 Credits

This standards based course will examine human biological topics including evolution, reproduction, growth and development, human systems, adaptations, diseases and disorders, aging and death, and forensics. This course has a laboratory component and will involve students in scientific practices including inquiry and design. These topics will be addressed in an applied and connected manner. This year will expand on many topics in forensics including: overview, specialties, lab work, and applications. This is a year course meeting everyday

HONORS BIOLOGY OF HUMAN REPRODUCTION with laboratory component

2.5 Credits

This 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. This is a semester course meeting everyday and a lab science.

15514 BIOLOGY OF HUMAN REPRODUCTION CP with laboratory component

2.5 Credits

This 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. This is a semester course meeting everyday and a lab science.

15221 ADVANCED PLACEMENT BIOLOGY with laboratory component

5 Credits

This is an accelerated standards based course, which incorporates the National Advanced Placement biology curriculum. Content of the course is based on advanced placement topics and laboratory exercises. Topics include biochemistry, cells, energy, cell division and reproduction, genetics, biotechnology, evolution, cell communication and ecology. Students are required to take the Advanced Placement Biology Exam. This is a full year course that meets five times a week. **Prerequisite:** Teacher recommendation and Dean's approval. Submission of completed summer assignment is required by the first day of class.

15242 MCAS BIOLOGY REVIEW with laboratory component

This is an intervention course designed for students that need additional review in select topics in High School Biology. Instructional time will focus on Structure and Function of Organic Molecules, Structure and Function of Organelles, Energy Transfer throughout an Ecosystem, Structure and Function DNA, Inheritance Patterns, Evidence of Evolution, Examples of Natural Selection, and Population Dynamics. Instructional Time will also focus on active reading and responding using evidence to support their claims.

15302 CHEMISTRY CP with laboratory component

5 Credits

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. Students should have the mathematical skills necessary to deal with the quantitative measurements and conversions. This is a full year course that meets five times a week.

15311 HONORS CHEMISTRY with laboratory component

5 Credits

This is an accelerated 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 and conversions. This is a full year course that meets five times a week.

15321 ADVANCED PLACEMENT CHEMISTRY with laboratory component

5 Credits

This is an accelerated standards based course which incorporates the National Advanced Placement chemistry curriculum. 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. This is a full year course that meets five times a week.

Prerequisite: Teacher recommendation and Dean's approval. The submission of a completed summer assignment is required by the first day of class.

15402 PHYSICS CP with laboratory component

5 Credits

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. Students should have the mathematical skills necessary to deal with the quantitative measurements and conversions. This is a full year course that meets five times a week.

15401 HONORS PHYSICS with laboratory component

5 Credits

This is an accelerated 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. Students should have the mathematical skills necessary to deal with the quantitative measurements and conversions. This is a full year course that meets five times a week. **Prerequisites:** *Successful completion of Algebra I*

15441 ADVANCED PLACEMENT PHYSICS I with laboratory component

5 Credits

This is an accelerated standards based course, which incorporates the National Advanced Placement physics curriculum. AP Physics I is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Laboratory activities reinforce lecture material. Emphasis is on solving open-ended questions. Students are required to take the Advanced Placement Physics Exam. This is a full year course that meets five times a week.

Prerequisite: Teacher recommendation and Dean's approval.

15451 ADVANCED PLACEMENT PHYSICS II with laboratory component

5 Credits

This is an accelerated standards based course, which incorporates the National Advanced Placement physics curriculum. AP Physics II is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Laboratory activities reinforce lecture material. Emphasis is on solving open-ended questions. Students are required to take the Advanced Placement Physics Exam. This is a full year course that meets five times a week.

Prerequisites: Recommended to have successful completion of Advanced Placement Physics I, Teacher recommendation and Dean's approval.

15501 ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE with lab component

5 Credits

This is an accelerated standards based course which incorporates the National Advanced Placement environmental science curriculum. Content of the course is based on topics include earth's systems, ecosystems, populations, land and water use, and pollution. Students in this course are required to take the Advanced Placement Environmental Science Exam. This is a full year course that meets five times a week. **Prerequisite:** Teacher Recommendation and Dean Approval

Project Lead the Way – Biomedical Course Descriptions

Project Lead the Way courses are honors level courses supported by a nationally recognized curriculum. All students are required to take an end of year exam. Similar to Advanced Placement courses students who successfully pass the end of year exam, PLTW has an affiliation with more than 150 institutions of higher education. These institutions actively recruit PLTW students and provide recognition opportunities, including admissions preference, scholarships, and course credit. For more information regarding the PLTW curriculum please refer to the Project Lead the Way website: www.pltw.org

40094 HONORS PRINCIPLES OF THE BIOMEDICAL SCIENCES (PLTW)

3.75 Credits

The activities and projects of this course introduce students to human physiology, medicine, and research processes. Students will apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. This is an honors level course. This is a course meeting for 3 terms of the year

15812 HONORS HUMAN BODY SYSTEMS (PLTW)

3.75 Credits

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries. This course is designed for 10th, 11th or 12th grade students. This is an honors level course. This is a course meeting 3 terms per year. *Prerequisite: 40094 Principles of Biomedical Sciences (PLTW)*

02125 HONORS MEDICAL INTERVENTIONS (PLTW)

2.5 Credits

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This is an honors level course. This is a full year course meeting everyday (red/black days). *Prerequisites: 15812 Human Body Systems (PLTW)*

02132 HONORS BIOMEDICAL INNOVATIONS: CAPSTONE (PLTW)

2.5 Credits

In this final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. This is a full year course meeting everyday. *Prerequisites: 01225 Medical Interventions*

Science Elective Course Descriptions

15264 ECOLOGY

1.25 Credits

This course includes developing an understanding of the natural and man-made environment and the environmental problems the world faces. Students explore ecological concepts through an inquiry approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Individuals, Populations, Communities, Ecosystems, Biomes, Humans and Sustainability. This is a term course meeting everyday

15284 URBAN FARMING

1.25 Credits

This course includes hands-on methods of urban farming. Topics include urban agriculture methods and styles; growing and raising food organically; growing/raising food as a business; using product for supplemental income; training that supports an organic and sustainably-produced market and the reconfiguration of the food chains to provide the community with fresh, seasonal product, maintain a research portfolio and project presentation of study. This is a semester course meeting on alternating days (red/black days).

15624 ASTRONOMY 1: INTRODUCTION TO ASTRONOMY

1.25 Credits

This course is a descriptive, conceptual introduction to astronomy as a scientific discipline, focusing on the solar system and its contents. Topics include the history of astronomy, the motions of the sky, gravity and orbits, light, telescopes, planetary interiors, surfaces, atmospheres, the origin of the solar system, the sun, and the life beyond the earth. Other topics covered include the use and application of small aperture telescopes and binoculars, star charts, constellation identification, celestial coordinate systems, solar and sidereal time systems, naked-eye observing, The planetarium and other visual aids are used extensively. The planetarium and observing decks are used during the course. This is a term course meeting everyday

Social Studies

The History and Social Studies Department currently offers a wide selection of courses. Each student must pass four history courses. In order to graduate from B.M.C. Durfee High School students must pass Grade 9 –U.S./World , Grade 10 - U.S./World II, Grade 11 – U.S./World III, and Grade 12- Senior History and Contemporary Issues. Four Advanced Placement courses are also offered for students in Grades 11 and 12. These three courses may take the place of World History II and Senior History as a student’s third and fourth course requirement. Students may also take a Dual Enrollment course at BCC, if a B is achieved in class, students will satisfy Junior and Senior requirement. Additionally, students have the opportunity to explore other subjects within Social Studies, such as Economics, Psychology or Sociology. The department also offers a number of history electives that allow students to study a specific topic in more depth, such as the History of Rock and Roll, Lizzie Borden, or Sports in American Life.

Durfee High School is committed to offering a curriculum in history and social studies 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, course requirements and their interests.

Social Studies Core Course Offerings					
COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDIT
16122	Accelerated U.S./World History I	HON	9	YR	5
16251	Honors U.S. & World History I	HON	9	YR	5
16252	U.S. & World History I CP	CP	9	YR	5
16261	Honors U.S. & World History II	HON	10	YR	5
16262	U.S. & World History II CP	CP	10	YR	5
16271	Honors U.S. & World History III	HON	11	SEM	2.5
16272	U.S. & World History III CP	CP	11	SEM	2.5
16222	Senior History/Contemporary Issues CP	CP	12	SEM	2.5
16831	Honors Senior History/Contemporary Issues	HON	12	SEM	2.5
04476	Learn to Serve (as Senior History)	No Level	12	SEM	2.5
16222	Credit Recovery Senior History	CP	12	TERM	1.25
16262	Credit Recovery US & World History I	CP	10	SEM	2.5
16212	Credit Recovery US & World History II	CP	11	SEM	2.5
16151	Accelerated US and World History II	HON	10	YR	5
16221	AP United States History	AP	11-12	YR	5
16321	AP European History	AP	11-12	YR	5
16521	AP American Government & Politics	AP	11-12	YR	5

	AP Human Geography	AP	11-12	YR	5
Social Science Elective Course Offerings					
16784	Sports in American Life	CP	9-12	TERM	1.25
16664	History of Fall River	CP	10-12	SEM	2.5
16414	Introduction to Psychology Part I	CP	11-12	SEM	2.5
16514	Introduction to Psychology Part II	CP	11-12	SEM	2.5
16404	Introduction to Sociology	CP	11-12	TERM	1.25
16544	Intro to Law and Justice	CP	11-12	Term	1.25
16822	Topics in American History: Lizzie Borden	CP	10-12	TERM	1.25
16642	Social and Cultural History of Rock and Roll	CP	9-12	TERM	1.25

Social Studies Course Descriptions

16122 ACCELERATED UNITED STATES/WORLD HISTORY I

5 Credits

United States/World is a required course for all Grade 9 students and must be passed for graduation. This course synthesizes the History of the United States from 1500's to 1800's with a survey of World History for this time period. Based on the Massachusetts History and Social Science Curriculum Framework Standards for United and World History, topics including Absolutism, the American Revolution, French Revolution, the Constitution, the American Civil War, and Reconstruction. This course is specifically designed to build upon the high level of academic rigor and emphasis on research and independent learning for students exiting the GATE program and for others who have displayed exceptional work in middle school history. 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. This is a year course meeting daily.

16251 HONORS UNITED STATES & WORLD HISTORY I

5 CREDITS

United States is a required course for all Grade 9 students and must be passed for graduation. This course synthesizes the History of the United States from 1500's to 1800's with a survey of World History for this time period. Based on the Massachusetts History and Social Science Curriculum Framework Standards for United and World History, topics including Absolutism, the American Revolution, French Revolution, the Constitution, the American Civil War, and Reconstruction.. 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. This is a year course meeting daily.

16252 UNITED STATES & WORLD HISTORY I CP

5 CREDITS

United States is a required course for all Grade 9 students and must be passed for graduation. This course synthesizes the History of the United States from 1500's to 1800's with a survey of World History for this time period. Based on the Massachusetts History and Social Science Curriculum Framework Standards for United and World History, topics including Absolutism, the American Revolution, French Revolution, the Constitution, the American Civil War, and Reconstruction.. College Prep level courses are intended to prepare students for college.

16151 ACCELERATED MODERN UNITED STATES AND WORLD HISTORY II

5 Credits

This yearlong course is designed for sophomore students who seek to maximize their AP course access by combining US and World History II and III. This accelerated course will embed Advanced Placement work structures, skills, and expectations. Students completing this combined course will be prepared to enter their choice of AP United States or AP European History during their junior year. This is a full year course meeting five days a week. **Prerequisite:** Teacher recommendation and Dean's approval.

16261 HONORS UNITED STATES & WORLD HISTORY II

5 CREDITS

This is a required course for Grade 10 students, which must be passed to meet graduation requirements. This course synthesizes the History of the United States and the World from 1850's to 1950's. Based on the Massachusetts History and Social Science Curriculum Framework Standards for United States and World History, topics include Industrialization, the 1920's, the Great Depression, World War II, and China. 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. This is a year course meeting daily.

Prerequisite: *A passing grade in United States I is required as well as teacher recommendation.*

16262 UNITED STATES & WORLD HISTORY II CP

5 CREDITS

This is a required course for Grade 10 students, which must be passed to meet graduation requirements. This course synthesizes the History of the United States and the World from 1850's to 1950's. Based on the Massachusetts History and Social Science Curriculum Framework Standards for United States and World History, topics include Industrialization, the 1920's, the Great Depression, World War II, and China.. College Prep level courses are for the student who intends to attend college or further career training. This is a year course meeting daily.

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

16271 HONORS UNITED STATES & WORLD HISTORY III

2.5 CREDITS

This is a required course for Grade 11 students, which must be passed for graduation. Based on the Massachusetts History and Social Science Curriculum Framework Standards for US and World History, topics include the Cold War, Social Movements, the rise of Nationalism, and current issues. 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. This is a semester course meeting daily. Students will be required to pass Modern World History in order to take Senior History to earn graduation requirements.

Prerequisite: *A passing grade in United States I and II is required as well as teacher recommendation.*

16272 UNITED STATES & WORLD HISTORY III CP

2.5 Credits

This is a required course for Grade 11 students, which must be passed for graduation. Based on the Massachusetts History and Social Science Curriculum Framework Standards for US and World History, topics include the Cold War, Social Movements, the rise of Nationalism, and current issues. 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.). This is a semester course meeting daily. Students will be required to pass Modern World History in order to take Senior History to earn graduation requirements.

Prerequisite: *A passing grade in United States I and II is required as well as teacher recommendation.*

16831 HONORS SENIOR HISTORY/CONTEMPORARY ISSUES

2.5 Credits

This is a required course for grade 12 students, which must be passed for graduation. The course encompasses practical skills including current events, financial literacy, economics, and active citizenship. 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. This is a semester course meeting daily. Students will be required to pass Senior History during senior year to earn graduation requirements.

Waiver of Senior History Requirement: (1) Success completion of or enrollment in AP Research, AP Human Geography, AP European History, AP US History, AP Government. (2) Success completion of an approved Dual Enrollment History course with a minimum grade of B. (3) Enrollment in two semesters of Learn to Serve with a minimum 40 hours of community service, completion of EverFi Financial Literacy program through Learn to Serve

16222 SENIOR HISTORY/CONTEMPORARY ISSUES: CP

2.5 Credits

This is a required course for grade 12 students, which must be passed for graduation. The course encompasses practical skills including current events, financial literacy and economics, and active citizenship. 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. This is a semester course meeting daily. Students will be required to pass Senior History during senior year to earn graduation requirements.

Waiver of Senior History Requirement: (1) Success completion of or enrollment in AP Research, AP Human Geography, AP European History, AP US History, AP Government. (2) Success completion of an approved Dual Enrollment History course with a minimum grade of B. (3) Enrollment in two semesters of Learn to Serve with a minimum 40 hours of community service, completion of EverFi Financial Literacy program through Learn to Serve

04475 Learn and Serve I

2.5 Credits for Senior History/Contemporary Issues waiver

This class will meet one day per week with class projects linking school and service, enabling students to see connections between academics and real-life situations. Students will be able leave one period early or come in one period late to complete their service projects, or complete their community service hours at Durfee during the school day. The course requirement is a minimum of 40 hours of community service which must be performed within Durfee or in the Fall River Community. The class will focus on the identification of community needs and service opportunities and monitoring of progress and sharing of ideas. Students will also work on a final in-class presentation about their experience. Students taking this course for a waiver of Senior History/Contemporary issues must successfully complete two terms, and complete the EverFi Financial Literacy program.

Notes: Community Service is open to senior students by application only. Accepted students must fill out a community service contract prior to beginning the community service project. To fulfill their contract, students must complete a minimum of 40 hours of community service and be on track to graduate. Students who complete more than 40 hours will be granted additional credit based on the sliding scale above.

UNITED STATES/WORLD HISTORY I Credit Recovery CP

2.5 Credits

This course is required for any sophomore who has not yet met their history I course requirements for graduation. This course synthesizes the History of the United States from 1840-1920. Based on the Massachusetts History and Social Science Curriculum Framework Standards for United and World History, topics include the new Republic, Industrial Revolution, the American Civil War, and the rise of Nationalism. This is a semester course meeting five days a week.

UNITED STATES/WORLD HISTORY II Credit Recovery CP

2.5 Credits

This course is required for any junior who has not yet met their history II course requirements for graduation. This course synthesizes the History of the United States from 1920- present . Based on the Massachusetts History and Social Science Curriculum Framework Standards for United and World History, topics include the 1920's, The

Great Depression, World War II, Cold War, Vietnam, and Contemporary Issues. This is a semester course meeting five days a week.

16202 SENIOR Credit Recovery CP

1.25 Credits

This course is required for any senior who has not yet met their history course requirements for graduation. Students will study the major political, military, economic, and societal events of the 20th and 21st centuries, with a particular focus on the continuing persistence of political, ethnic, and religious conflicts around the world. This is a Term course meeting five days a week.

16221 ADVANCED PLACEMENT UNITED STATES HISTORY

5 Credits

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 part of the history requirement for graduation and can be taken instead of Modern World History AND Senior History.*** 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. This is a full year course meeting five days a week. **Prerequisite:** Teacher recommendation and Dean's approval.

16321 ADVANCED PLACEMENT EUROPEAN HISTORY

5 Credits

The AP European History course follows the guidelines of the College Board. 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. ***This course fulfills part of the history requirement for graduation and can be taken instead of Modern World History AND Senior History.*** This is a full year course meeting five days a week.

Prerequisite: Teacher recommendation and Dean's approval.

16521 ADVANCED PLACEMENT AMERICAN GOVERNMENT AND POLITICS

5 Credits

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 fulfills part of the history requirement for graduation and can be taken instead of Modern World History AND Senior History.*** 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 This is a full year course meeting five days a week.

Prerequisite: Teacher recommendation and Dean's approval,

ADVANCED PLACEMENT HUMAN GEOGRAPHY

5 credits

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). Upon successful completion of the course, students will be able to Interpret maps and analyze geospatial data understand and explain the implications of associations and networks among phenomena in places, recognize and interpret the relationships among patterns and processes at different scales of analysis; define regions and evaluate the regionalization process; and characterize and analyze changing interconnections among places. Topic Outline for AP Human Geography The AP Human Geography course is organized around seven major topics: Geography: Its Nature and Perspectives, Population and Migration, Cultural Patterns and Processes, Political Organization of Space, Agriculture, Food Production, and Rural Land Use, Industrialization and Economic Development and Cities and Urban Land Use.

Prerequisite: Teacher recommendation and Dean's approval.

Social Studies Elective Course Descriptions

16414 INTRODUCTION TO PSYCHOLOGY PART 1

2.5 CREDITS

This two-part course is designed for students in Grade 11 and 12 who are especially interested in studying human development through the lifespan, 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. This is a semester course meeting five days a week.

16514 INTRODUCTION TO PSYCHOLOGY PART II

2.5 CREDITS

This two-part course is designed for students in Grade 11 and 12 who are especially interested in studying human development through childhood, adolescence, and adulthood, 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. **This is a semester course meeting five days a week. A passing grade in Introduction to Psychology Part I is a prerequisite.**

16404 INTRODUCTION TO SOCIOLOGY

1.25 CREDITS

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. This is a term course meeting everyday.

16784 SPORTS IN AMERICAN LIFE

1.25 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. This is a term course meeting everyday.

16544 INTRODUCTION TO LAW & JUSTICE

1.25 Credits

Welcome to law and justice. You are invited to be an active participant in this project-based class as we are preparing to embark on the exciting process of discovering how the law and justice works. 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.

16664 HISTORY OF FALL RIVER

2.5 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. This is a semester course meeting everyday.

16822 TOPICS IN AMERICAN HISTORY: THE LIZZIE BORDEN CASE

1.25 Credits

Students in this course will study the fascinating case of Lizzie Borden, who was accused of the brutal axe murder of her father and stepmother. The course will cover Borden family history prior to the murders, during the trial, and post-murders. Through the use of primary source documents, students will develop their skills in historical methodology with an emphasis on class discussion. This is a term course meeting everyday.

16642 SOCIAL & CULTURAL HISTORY OF ROCK AND ROLL

1.25 Credits

This course seeks to balance understanding the development and significance of Rock & Roll in its historical and social environment, while maintaining a focus on listening to the music as the main mode of understanding. Through listening, analysis, discussion, music, and film students will explore the music and the culture and society of the day. Class assignments will be organized around song analysis, small group discussions, and in-class activities. The course begins with an overview of ancestors and influences: blues, boogie-woogie, jazz, swing, country & western, gospel and popular music, and the crossover success of rhythm & blues acts that marked the true birth of Rock & Roll. Students will examine the musical and social trends of the 1960s, including the influence of the British Invasion, the rock explosion and social upheaval of the late 1960s, and the changes in Rock & Roll music during the seventies, eighties, and nineties. The course will culminate in an exploration of today's current musical trends and icons including rap/hip hop. This is a term course meeting everyday.

WORLD LANGUAGES

Language 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.

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. All Honors/Advanced Placement core courses enable a student to prepare for the SAT achievement exams and the AP exams in languages.

World Language Courses					
COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDIT
11101	French I Honors	HON	9-12	YR	5
11102	French I CP	CP	9-12	YR	5
11111	French II Honors	HON	10-12	YR	5
11112	French II CP	CP	10-12	YR	5
11121	French III Honors	HON	11-12	YR	5
11131	French IV Honors	HON	11-12	YR	5
11201	Portuguese I Honors	HON	9-12	YR	5
11202	Portuguese I CP	CP	9-12	YR	5
11211	Portuguese II Honors	HON	9-12	YR	5
11212	Portuguese II CP	CP	9-12	YR	5
11221	Portuguese III Honors	HON	10-12	YR	5
11231	Portuguese IV Honors	HON	11-12	YR	5
11261	Advanced Portuguese	HON	11-12	YR	5
11292	Portuguese I for Heritage Lang. Learners	CP	9-12	YR	5
11282	Portuguese II for Heritage Lang. Learners	CP	10-12	YR	5
11301	Spanish I Honors	HON	9-12	YR	5
11302	Spanish I CP	CP	9-12	YR	5
11311	Spanish II Honors	HON	9-12	YR	5
11312	Spanish II CP	CP	9-12	YR	5
11321	Spanish III Honors	HON	10-12	YR	5
11331	Spanish IV Honors	HON	11-12	YR	5
11351	AP Spanish	AP	11-12	YR	5
11382	Spanish I for Heritage Lang. Learners	CP	9-12	YR	5
11362	Spanish II for Heritage Lang. Learners	CP	10-12	YR	5
11372	Spanish III for Heritage Lang. Learners	CP	10-12	YR	5
11354	Latino/a Studies	CP	11-12	TERM	1.25

World Language Course Descriptions

11101 HONORS FRENCH I

5 Credits

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. This is a year course meeting daily.

11102 FRENCH I CP

5 Credits

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. This is a year course meeting daily.

11111 HONORS FRENCH II

5 Credits

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. This is a year course meeting daily.

11112 FRENCH II CP

5 Credits

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. This is a year course meeting daily.

11121 HONORS FRENCH III

5 Credits

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 is a year course meeting daily. *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

5 Credits

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. This is a year course meeting daily.

11201 HONORS PORTUGUESE I

5 Credits

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. This is a year course meeting daily.

11202 PORTUGUESE I CP

5 Credits

Portuguese I introduce 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. This is a year course meeting daily.

11211 HONORS PORTUGUESE II

5 Credits

Honors Portuguese II is offered to highly motivated students who have shown a high level of interest and achievement in Portuguese 1. 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. This is a year course meeting daily.

11212 PORTUGUESE II CP

5 Credits

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. This is a year course meeting daily.

11221 HONORS PORTUGUESE III

5 Credits

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. This is a year course meeting daily.

- ✓ *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

5 Credits

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. This is a year course meeting daily.

11261 ADVANCED PORTUGUESE

5 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 5th 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. This is a year course meeting daily.

11292 PORTUGUESE I FOR HERITAGE LANGUAGE LEARNERS

5 Credits

This course is designed for students who speak and hear Portuguese at home and have little to no 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. This is a year course meeting daily.

11282 PORTUGUESE II FOR HERITAGE LANGUAGE LEARNERS

5 Credits

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. This is a year course meeting daily.

11301 HONORS SPANISH I

5 Credits

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. This is a year course meeting daily.

11302 SPANISH I CP

5 Credits

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. This is a year course meeting daily.

11311 HONORS SPANISH II

5 Credits

Honors Spanish II is offered to highly motivated students who have shown a high level of interest and achievement in Spanish 1. It is conducted on an accelerated basis in order to insure that students are prepared to continue their studies in honors Spanish III. 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. This is a year course meeting daily.

11312 SPANISH II CP

5 Credits

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. This is a semester course meeting daily.

11321 HONORS SPANISH III

5 Credits

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. This is a year course meeting daily.

- ✓ *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

5 Credits

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. This is a year course meeting daily.

11351 AP SPANISH

5 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 5th 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 is a full year course meeting five days a week.

Prerequisite: Teacher Recommendation and/or Dean Approval. Student must apply for AP course through Google Form AP Application.

11382 SPANISH I FOR HERITAGE LANGUAGE LEARNERS

5 Credits

This course is designed for students who speak and hear Spanish at home and have little to no 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. This is a year course meeting daily.

11362 SPANISH II FOR HERITAGE LANGUAGE LEARNERS

5 Credits

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. This is a year course meeting daily.

11372 SPANISH III FOR HERITAGE LANGUAGE LEARNERS

5 Credits

This course begins in-depth study of the history, peoples, literature, and art of the Spanish-speaking world. Grammar concepts continue to be introduced as needed. The reading of representative literature from the various

cultures is a vital part of this course. This course will be the bridge for students AP Spanish. This is a year course meeting daily.

11354 LATINO/A STUDIES

1.25 Credits

In Latino/a Studies, students will explore Latino/a arts, politics, histories, and cultures. This course has two aims: first to empower Latino/a Studies as individuals, as members of a community and as activities, and second to cultivate empathy and allyship across students of all races and ethnicities. Students will be expected to read, write, research, debate, and share

English Language Learners

By law, all school-aged English Language learners (ELLs) are eligible for English as a Second Language (ESL) Courses, which involve systematic, explicit and sustained language instruction that prepares and supports students for success in general education by focusing on academic language.

The English Language Learners (ELL) Program is for students whose native language is a language other than English and who are still developing the necessary English skills to attain academic success in core content classes, and to be prepared for college and career readiness. The ESL program is offered in grades nine through twelve. Placement and length of time in the program will be determined based on English Language Development (ELD) proficiency levels, ACCESS and MCAS scores. Students in ESL classes will take core content classes with SEI (Sheltered English Immersion) Endorsed teachers.

ESL Courses					
COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDIT
51902	ESL/ELA Tier A: Entering	CP	9-12	YR	10
51942	ESL/ELA Tier B: Developing	CP	9-12	YR	5
51862	ESL/ELA Tier C: Expanding	CP	9-12	YR	5
	Honors ESL/ELA Tier C: Expanding	H	11-12	YR	5
519932	ESL/English I: Bridging	CP	9-12	YR	5
51012	Algebra ELL	CP	9-12	YR	5
51032	Advanced Algebra ELL	CP	10-12	YR	5
51513	Biology Workshop I ELL	CP	9-12	YR	5
51502	Biology Workshop II ELL	CP	10-12	YR	5
51632	US History I ELL Part A	CP	9-12	YR	5
51612	US History II ELL Part B	CP	10-12	YR	5
51802	SLIFE/Literacy Support	CP	9-12	YR	5
51704	ESL Academic Language Support	CP	9-12	YR	5

ESL COURSE DESCRIPTIONS

51902 ESL/ELA TIER A ENTERING

10 Credits

This class is based on the Massachusetts Frameworks and the WIDA standards for English Language Development. Classes focus on the explicit instruction of the English language in listening, writing, speaking and reading through the content of ELA. Students will read and analyze short selections of fiction and non-fiction literature. It also helps to develop the social and academic language necessary for success in core content SEI (Sheltered Immersion Instruction) classes. This class prepares students for the ACCESS test for ELLs. This class is for newcomers and beginner students whose English Language Development (ELD) is level 1+, as indicated on the W-apt test or ACCESS. This is a full year course meeting five days a week for two periods

51942 ESL/ELA TIER B: DEVELOPING

5 Credits

This class is based on the Massachusetts Frameworks and the WIDA standards for English Language Development. Classes focus on the explicit instruction of the English language in listening, writing, speaking and reading through the content of ELA. Students read and discuss short selections of literature and will analyze various genres, such as fiction, non-fiction, drama, poetry in ELD level-appropriate English. Writing activities include guided compositions in narrative, expository and persuasive writing. This class prepares students for the ACCESS and ELA MCAS. This class is for students whose English Language Development (ELD) is level 2, as indicated on the W-apt test or ACCESS. This is a full year course meeting five days a week.

51862 ESL/ELA TIER C: EXPANDING

5 Credits

This transitional class is based on the Massachusetts Frameworks and the WIDA standards for English Language Development. Classes focus on the explicit instruction of the English language in listening, writing, speaking and reading through the content of ELA. Students read and discuss short selections of literature and will analyze various genres, such as fiction, non-fiction, drama and the novel. This class prepares students for the ACCESS and ELA MCAS. This class is for students whose English Language Development (ELD) is level 3, as indicated on the WIDA based assessments or ACCESS. Upon completion of this class students enroll in core content SEI ELA with an additional ESL support class. This is a full year course meeting five days a week.

HONORS ESL/ELA TIER C: EXPANDING

5 Credits

This transitional class is based on the Massachusetts Frameworks and the WIDA standards for English Language Development as well as the common core standards on ELA. Classes focus on the explicit instruction of the English language in listening, writing, speaking and reading through the content of ELA. Students read and discuss short selections of literature and will analyze various genres, such as fiction, non-fiction, drama and the novel. This class prepares students for the use of academic language for college-readiness. This class is for students whose English Language Development (ELD) is level 3, as indicated on the WIDA based assessments or ACCESS. This class will move at an accelerated pace with additional outside reading and incorporation of ELA standards. This is a full year course meeting five days a week. **Prerequisite:** Teacher recommendation and Dean approval

519932 ESL/ENGLISH I: BRIDGING

5 Credits

ESL/English I is a course designed to develop students' literacy skills and prepare them for college and career pathways. 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 21st century society in either an academic or career setting. Additional students will be supported to continue developing their English language proficiency. Students' progress will be monitored based on WIDA standards. This is a full year course that meets five times a week.

51012 ALGEBRA ELL

5 Credits

This class is a transitional math class with a dual instructional goal: assisting students in developing mathematical concepts and operations, and in acquiring content-specific academic language through High Intensity Literacy Training (HILT.) It prepares students for ACCESS and math MCAS. This is full year course meeting every day.

51032 ADVANCED ALGEBRA ELL

5 Credits

This class continues from Math Foundations I by supporting students for success on ACCESS and MCAS. The class will also prepare students for success in a mainstream Algebra II classroom. This is a full year course that meets five times a week. **Prerequisite: Teacher recommendation and Dean approval.**

51513 BIOLOGY Workshop I ELL**5 Credits**

This class is a transitional science class with a dual instructional goal: assisting students in developing Biology concepts and in acquiring content- specific academic language through High Intensity Literacy Training (HILT.) This class will also promote academic skills and routines necessary to succeed in Biology. It prepares students for the ACCESS and Biology MCAS. This is a full year course meeting every day.

51502 BIOLOGY WORKSHOP II ELL**5 Credits**

This class continues from Biology I by supporting students for success on ACCESS and MCAS. The class will also prepare students for success in a mainstream Biology II classroom. This is a full year course that meets five times a week. **Prerequisite: Teacher recommendation and Dean approval.**

51632 US & WORLD HISTORY ELL I**5 Credits**

This is a mixed grade level class with a dual instructional goal: assisting students in developing United States and World History concepts and in acquiring content- specific academic language through High Intensity Literacy Training (HILT.) This class will also promote academic skills and routines necessary to succeed in both history and social studies. It prepares for students for the ACCESS. This is a semester course meeting every day.

51632 US & WORLD HISTORY ELL II**5 Credits**

This is a mixed grade level class with a dual instructional goal: assisting students in developing United States and World History concepts and in acquiring content- specific academic language through High Intensity Literacy Training (HILT.) This class will also promote academic skills and routines necessary to succeed in both history and social studies. It prepares for students for the ACCESS. This is a semester course meeting every day.

51632 SLIFE/LITERACY SUPPORT**2.5 Credits**

This is a mixed grade level class with a focus on both academic and social language used in educational settings. Students will also become familiar with cultural norms and low level language skills. This class will promote academic skills and routines necessary to succeed in a United States High School. This is a FY course meeting everyday.

51704 ACADEMIC LANGUAGE SUPPORT**2.5 Credits**

This is a mixed grade class intended to support our lower level English students with academic language development of English, science, math and history. This class is to provide an additional support of their scheduled content classes using additional materials. This is a semester class meeting everyday.

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 develop skills in visual communication and aesthetics and collaborate with others, gaining an understanding and appreciation of the arts in the world around them. Our goal is to enhance the lives of our students by making them more involved, motivated, aware, focused, creative and responsible citizens. Durfee visual arts courses prepare students for employment and further arts studies at the collegiate level. *Please refer to the image below for courses within the arts, and the levels of study offered to continue your education in the visual arts field at Durfee.*

Visual Arts Course Offerings					
COURSE	TITLE	Level	GRADES	TERM	CREDITS
53114	Honors Art I	HON	9-12	SEM	2.5
53145	Art Foundation	CP	9-12	TERM	1.25
53124	Honors Art II	HON	10-12	SEM	2.5
53132	Pre- AP Art Portfolio Prep	HON	12	SEM	2.5
53214	Ceramics I	CP	9-12	SEM	2.5
53221	Honors Ceramics II	HON	11-12	SEM	2.5
53231	Honors Ceramics III	HON	12	SEM	2.5
53264	Sculpture I	CP	10-12	TERM	1.25
53265	Honors Sculpture II	HON	10-12	SEM	2.5
53185	Honors Design	CP	10-12	SEM	2.5
53411	AP Studio Art 2-D Design	AP	12	YR	5
53133	AP Studio Art 3-D Design	AP	12	YR	5

Visual Arts Course Descriptions

53145 ART FOUNDATIONS

1.25 Credits

This introductory course is for beginning level artists and fulfills the fine arts graduation requirement. This course is designed to enrich the lives of its participants through the discovery of Elements and Principles of Art and Design that exist in the world around them. In becoming aware of these visual communication elements, students will

problem solve through tasks and projects that walk them through the design process using color, shape, form, line, pattern and other vehicles for expression. This course will also provide students with a more enriched perception of the world and diverse cultural perspectives and styles throughout history. This is a term class meeting everyday

53114 HONORS ART I

1.25 Credits

This course is designed for students who wish to continue onto the Visual Arts pathway for college. As the foundation course for the visual arts sequence, students will work with a variety of media to build the skills and knowledge necessary for mastery of concepts in a variety of formats. They will produce and evaluate artwork utilizing the Elements and Principles of Design as a basis for assessment. Students will develop and refine observational drawing and design skills. They will also learn how to “see” and compose works of art by utilizing these principles successfully. Students will solve visual problems through creative and expressive thinking with a variety of media including oil pastel, charcoal, print-making, acrylic, watercolor, tempera, mixed media and clay. This is a term class meeting everyday

53124 HONORS ART II

2.5 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 provide a comprehensive view of the visual arts through rigorous tasks that engage artists in research, ideation, development and revision; components necessary for successful art making. Students will participate in class discussions and critiques regularly. This is a semester class meeting everyday

Prerequisite: (1) Recommendation of instructor. (2) Successful completion of Honors Art I, Art Foundations, Ceramics, or Sculpture

53185 HONORS DESIGN

2.5 Credits

This course is designed for the highly motivated student that would like to explore a variety of design fields in both 2-D and 3-D. Exploration of Fashion Design, Architectural Design, Interior Design, and Illustration Design will be the focus through several units of study during the semester. Discussions and exploration of historical eras as well as the contemporary works of each field will be explored. In this course students are expected to become independent thinkers and to apply their knowledge of the Elements and Principles to their work within a variety of media to create innovative products for the consumer in the designated design field. Final portfolio created in the design class can be used for college admissions. This is a semester course meeting every day.

Prerequisite: Honors Art I/Art Foundations and Honors Art II

53132 Pre-AP ART PORTFOLIO PREPARATION

2.5 Credits

This course is focused on independent study of art topics and design for 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 as well as a portfolio for admission to art school. 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. This course is recommended for students interested in moving on to AP 2D Design or a college portfolio and will have a direct focus on the principles of design. Students will build a portfolio based on the AP standards of design and completion of the Breadth portion of the AP portfolio. Students are expected to learn to express themselves conceptually and visually through more advanced drawing, painting, modeling and printmaking techniques. **It is strongly recommended that any student who wants to move on to the AP course take this class as a prerequisite.** This is a semester course meeting every day.

Prerequisite: (1) Recommendation of instructor. (2) Successful Completion of Honors Art II.

53214 CERAMICS I

2.5 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 create a range of functional and sculptural forms using basic the hand-building methods of pinch, coil and slab. 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. This is a semester course meeting every day.

53221 HONORS CERAMICS II

2.5 Credits

This course is a continuation of Ceramics I, with further exploration of the theme-based concepts, an expansion of knowledge and experience in construction, glazing, surface enhancement, 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. This is a semester course meeting five days a week. This is a semester course meeting everyday

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

53231 HONORS CERAMICS III

2.5 Credits

This course is designed for students who have successfully met the requirements of ceramics 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. This is a semester course meeting five days a week.

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

53264 SCULPTURE I

2.5 Credits

This course will introduce the Elements and Principles of Design via three-dimensional form while fostering individual creativity and self-expression through 3-D sculptural design and construction. The design process is used in the creative cycle, as students problem solve through sculptural tasks. Additive, subtractive, and manipulation techniques will be used with a variety of media to explore the sculptural form. Students will actively engage in art production, history, criticism, and aesthetic experiences unique to sculpture. Students will develop and apply technical knowledge and skills, critical thinking skills and creative problem solving skills. This is a semester class meeting everyday.

Prerequisite: Art 1/Art Foundation

ADVANCED SCULPTURE II

1.25 Credits

This course is a continuation of Sculpture 1, with further exploration of the Elements and Principles of Design. Projects are based thematically, with tasks and concepts that are more advanced in skill and construction technique. This course is recommended for students interested in advancing to Advanced Placement 3D Design and will have a direct focus on strengthening technical skill and craftsmanship. The Design Process is used in this course to help students create innovative and original ideas that will be expressed in a 3D form. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This is a semester course meeting everyday

Prerequisite: Sculpture I.

53411 AP STUDIO Art 2-D DESIGN/PHOTO

5 Credits

This course is designed for students who are seriously interested in the practical experience of art and wish to develop mastery in the concept, composition, and execution of their ideas. AP Studio Art is not based on a written

exam; instead, students submit portfolios for evaluation at the end of the school year. In building the portfolio, students experience a variety of concepts, techniques and approaches designed to help them demonstrate their abilities as well as their versatility with techniques, problem solving, and ideation. This is a highly rigorous course that will include many hours of independent study as well as a completion of summer assignments. This is a full this course, that meets every day. Portfolios are sent digitally to a national panel for judgment and graded on a AP scale. Students are expected to take the AP exam in May.

Prerequisite: (1) Recommendation of instructor. (2) Successful completion of Honors Art III. (3) Director Approval

53133 AP STUDIO ART 3D DESIGN

5 Credits

This course is designed for students who are committed to the exploration of a particular concept or idea in 3D form while showing a proficient use of the Elements and Principles of Design. Students must show a mastery of technique and a strong development of craftsmanship in any 3D sculpture material or media. Extensive work outside of class time is a requirement. This full year college level advanced placement course emphasizes the development of a 3D portfolio. The Design Process, research, reflective writing and group critiques are integral to this course, Portfolios are sent digitally to a national panel for judgment and graded on a AP scale. Students are expected to take the AP exam in May.

Prerequisite: (1) Recommendation of instructor. (2)Director Approval

PERFORMING ARTS

MUSIC/THEATRE

The Performing Arts Department offers a wide variety of high quality courses to challenge students in their musical and theatrical pursuits. Performing groups include: theatre, band, orchestra and chorus. We offer expanded experiences in audio technology, technical theatre, percussion, theory, piano lab, guitar and popular music in American society. We challenge our students to become life-long learners who understand and appreciate the power of a music and performance arts education and the impact of music on society, both today and throughout history. 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 performing arts studies at the collegiate level.

Performing Arts Courses					
COURSE	TITLE	Level	Grades	Term	Credit
56104	Intro to Acting	CP	9-12	TERM	1.25
56114	Acting I	CP	9-12	SEM	2.5
56124	Acting II	CP	10-12	SEM	2.5
56135	Acting III/Performance Techniques	CP	10-12	SEM	2.5
56111	Honors Acting IV	HON	11-12	SEM	2.5
56134	Musical Theatre	CP	9 - 12	SEM	2.5
56514	Technical Theatre	CP	10-12	SEM	2.5
56214	Concert Band - 3 Day	CP	9-10	YR	3.75
56224	Concert Band - 5 Day	CP	11-12	YR	5
56211	Honors Concert Band	HON	10-12	YR	5
56294	Introduction to Drum/Percussion	CP	9-12	TERM	1.25
56295	Advanced Drum/Percussion	CP	10-12	SEM	2.5
56314	Orchestra - 3 Day	CP	9-10	YR	3.75
56324	Orchestra - 5 Day	CP	11-12	YR	5
56311	Honors Orchestra	HON	10-12	YR	5
56414	Mixed Chorus -3 Days	CP	9-12	YR	5
56424	Mixed Chorus - 5 Days	CP	9-12	YR	5
56421	Honors Chorus	HON	10-12	YR	5
56434	Acapella/Chorus	CP	9-12	SEM	2.5
56534	Music Production	CP	9-12	SEM	2.5
56544	Advanced Music Production	CP	10-12	SEM	2.5
56634	AP Music Theory	AP	11-12	YR	5

56714	Introduction to Piano Lab & Music Theory	CP	9-12	TERM	1.25
56103	Advanced Piano Lab & Music Theory	CP	10-12	SEM	2.5
56744	Introduction to Guitar/ Songwriting	CP	9-12	TERM	1.25
56764	Advanced Guitar/Songwriting	CP	10-12	SEM	2.5

Performing Arts Elective Course Descriptions

56104 INTRO TO ACTING

1.25 Credits

This course provides opportunities for students that are interested in learning basic theatre skills and techniques including pantomime, improvisation, vocal production, scenes, and stage geography and terminology. Students will learn the fundamentals of theatre through projects including the creation and performance of short scenes and ensemble acting. Additional studies will include theatre critique. This is a term course meeting everyday

56114 ACTING I

2.5 Credits

This course provides opportunities for students that are interested in learning basic theatre skills and techniques including pantomime, improvisation, vocal production, scenes, and stage geography and terminology. Students will learn the fundamentals of theatre through projects including the creation and performance of short scenes and ensemble acting. Additional studies will include theatre critique. This is a semester course meeting everyday

56124 ACTING II

2.5 Credits

Acting II is for the student who has developed a deeper interest in drama. In this course students will spend more time on scene work, monologues and makeup technique. 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. This is a semester course meeting everyday.

Prerequisite: (1) Successful completion of Acting I or recommendation of instructor.

56135 ACTING III/PERFORMANCE TECHNIQUES

2.5 Credits

Acting III/Performance Techniques is a class that advances all theatre techniques developed and established in Acting I & II. Students will explore in depth characterization, movement and historical repertoire. Focus will be placed on audition techniques, including resumes, headshots, and presentation. Students will be required to memorize monologues and scenes. This is a semester course meeting everyday.

Prerequisite: Successful completion of Acting II or recommendation of instructor.

56111 HONORS ACTING IV

2.5 Credits

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 on relevant topics such as: plays, playwrights and related subjects. Students will be required to direct a scene or one-act play that will be performed for an audience. This is a semester course meeting everyday.

Prerequisite: (1) Successful completion of Acting III or recommendation of instructor.

56434 ACAPELLA/CHORUS

2.5 Credits

Love to sing? The focus of the Acappella course is to provide students with the opportunity to sing (without accompaniment) with a mature, rich, and balanced sound. Breathing, diction, expression, intonation, and sight-singing are cultivated to enhance sound in performance. Students learn soprano, alto, tenor, and baritone choral selections of various styles and cultures. No singing experience is required.

56134 MUSICAL THEATRE

2.5 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. This is a semester class meeting everyday.

56514 TECHNICAL THEATRE

2.5 Credits

This course is for the student interested in what goes on “behind the scenes” at theatrical and concert events. The class focus is on set design, set building, stage crew operations, stage lighting, and basic sound board operation. Students in these classes also work behind the scenes on Durfee High School productions as well as outside events. The class explores both stagecraft and classroom projects. This course may be repeated for credit and is a semester course meeting everyday.

56214 BAND - 3 DAY

56224 BAND - 5 DAY

2.5 /3.75 Credits

5 Credits

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, home football games, 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.

56211 HONORS BAND

5 Credits

This course is open to juniors and seniors who have successfully participated in 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 Band. This course may be repeated for credit. Honors Band is a year course meeting five days a week.

Prerequisite: (1) Successful completion of Band 9/10 and (2) Recommendation of teacher.

56314 ORCHESTRA - 3 DAY

56324 ORCHESTRA - 5 DAY

2.5 Credits/3.75 Credits

5 Credits

Orchestra is intended for students who play violin, viola, cello or string bass. Students will study and perform orchestral music encompassing classical to contemporary genres. Musicians will further develop ensemble playing skills and string technique through performance. 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 can be repeated for credit. Orchestra/String Orchestra 9/10 and 11/12 are year courses

56311 HONORS ORCHESTRA

5 Credits

This course is open to juniors and seniors who have successfully participated in Orchestra class. Students will be expected to take on leadership roles within the class as designated by the teacher. 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. This course may be repeated for credit. Honors Orchestra is a year course meeting five days a week.

Prerequisite: (1) Recommendation of instructor.

56424 MIXED CHORUS - 3 Day

56414 MIXED CHORUS - 5 Day

2.5 Credits/3.75 Credits

5 Credits

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. Students are required to attend all performances. This course may be repeated for credit. Mixed chorus is a year course.

56421 HONORS CHORUS

5 Credits

This course is open to juniors and seniors who have successfully participated in Mixed Chorus class. Students are to take on leadership roles within the class as designated by the teacher. They will participate in research based projects including class presentations and written reports. Ensemble performing and audition for an adjudicated competition is required. See course description for Mixed Chorus. This course may be repeated for credit.

Prerequisite: (1) Successful completion of Mixed Chorus or Recommendation of instructor. Honors Chorus is a year course.

56534 MUSIC PRODUCTION

2.5 Credits

This course is intended for those students who want to study music production and audio engineering. Students interested in music and audio technology will learn the fundamental concepts behind both analog and digital recording. Mixing and audio editing techniques are explored through original class projects. This is a semester course meeting everyday

56544 ADVANCED MUSIC PRODUCTION

2.5 Credits

This course is intended for those students who want to further their study in music production and audio engineering. Students will work on developing a personal demo portfolio, soundtrack music; Foley production techniques as well as various live audio applications will be explored through student based original projects. This course may be repeated for credit. It is a semester course meeting everyday

Prerequisite: Successful completion of Introduction to Music and Audio Technology with a minimum of a B- or recommendation of instructor.

56714 INTRODUCTION TO PIANO LAB & MUSIC THEORY

1.25 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 music theory, melody, and harmony. This course may be repeated for credit. This is a term course meeting everyday.

56103 ADVANCED PIANO LAB & MUSIC THEORY

1.25 Credits

This semester course is for the experienced piano student. Students will be focused on more complex pieces and individualized choice of repertoire. Individual performances, both during classroom time and after school where students will perform what they have learned. Class focus will be on improvement of sight reading, technique and performance skill. This is a semester class meeting everyday.

56724 INTRODUCTION TO GUITAR/ SONGWRITING

1.25 Credits

This semester course is for the beginning guitar student. Content includes reading tablature, playing basic chords and strumming patterns, and learning popular songs on both ukulele and guitar. Students will also learn basics of harmony, lyric writing, melody and song form . This is a term class meeting everyday.

56764 ADVANCED GUITAR/SONGWRITING

2.5 Credits

This semester course is for the experienced guitar student. Students will learn more complex guitar tablature, chords and rhythms. Projects include song parodies, playing various styles of music, including the blues and classical music, writing story songs and originally themed material. This is a semester course meeting everyday

Prerequisite: Successful completion of guitar/songwriting or recommendation of teacher.

56294 INTRODUCTION TO DRUMS/PERCUSSION

1.25 Credits

This Drum/Percussion Class is designed for students to explore a variety of percussion instruments and performance techniques. Students will participate through performing existing music and creating, improvising, and developing their own music. The course will cover a variety of percussion instruments including mallet percussion instruments such as the xylophone, bells, and marimba, and concert percussion, and the drum set. No drumming experience is necessary. This is a term class meeting everyday.

56295 ADVANCED DRUMS/PERCUSSION

2.5 Credits

Drum/Percussion Class is designed for students to continue to explore a variety of percussion instruments and performance techniques. Students will participate through performing existing music and creating, improvising, and developing their own music. The course will cover a variety of percussion instruments including mallet percussion instruments such as the xylophone, bells, and marimba, and concert percussion, and the drum set. This is a semester course meeting everyday.

Prerequisite: Successful completion of Introduction to Drums/Percussion (56294) or recommendation of teacher.

HEALTH AND PHYSICAL WELLNESS EDUCATION

The Health and Physical Education-Department offers standards-based program of curricula and instruction designed to develop motor skills, health knowledge, behaviors of healthy active living, physical fitness, sportsmanship, self-efficacy, and emotional intelligence.

Students are required to pass 6 classes in the Wellness Dept to be eligible for graduation. 4 Physical Education courses and 2 Health Courses to satisfy their graduation requirement.

The Physical Education and Health (Wellness) Program is designed so that all 9th grade Freshman, 1st year students will be offered to register for the Freshman Physical Education Wellness Course and Health I. Students will need to pass the courses to be eligible to take other (Wellness) Physical Education/Health Classes after their 9th Grade Freshman, 1st Year. The Freshman Physical Education and Health I courses are the core instructional classes of the program that teach the required foundational knowledge and skills. Both courses will be the only courses that are offered to Freshman students.

*Students who complete at least 4 weeks of a term PE course and cannot complete the course due to a medical issue will receive a grade of **Pass** and credit for the class as long as they as they have a passing grade prior to injury and have a medical note on file signed by the doctor. *

Health II and Management of Health Issues will be offered to Junior/Senior students that have meet their Health I requirement. These courses along with Honors Sports Medicine will be the only courses that satisfy the 2nd Health requirement for graduation.

The Physical Education and Health Wellness Dept offers a variety of course offering and electives for our Sophomore, Junior and Senior students to select based on their personal interest. The courses offer students opportunities in Health instruction and Physical Education active learning in a variety of ways. Students can select Physical Education classes that teach team and individual sports, aerobic and anaerobic activities, aquatics weight training, nutrition, coaching training and team building activities. Health Education courses will offer instruction on healthy emotional and mental development, living with stress, interpersonal relationships, nutrition, life skills, alcohol and drug abuse, and marriage and parenthood.

Fall River School Committee Policy on Parental Notification:

The FRSC has adopted a specific policy to address the rights of parents and guardians relating to curriculums involving human sexual education. Please refer to the FRPS website to view the Policies.

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 exempt 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.

Health and Physical Education Wellness Courses						
COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	Credit	Health or PE Req
57394	Health I	CP	9	TERM	1.25	Health
57024	Health II	CP	11-12	TERM	1.25	Health
57234	Management in Health Issues	CP	11-12	TERM	1.25	Health
57024A	Freshman PE - Wellness Program	CP	9	TERM	1.25	PE
57354	Team Sports	CP	10-12	TERM	1.25	PE
57395	Individual Sports	CP	10-12	TERM	1.25	PE
57384	Physical Education-Wellness Program	CP	9-12	SEM	1.25	PE
57374	CPR/First Aid/Lifeguard Training	CP	11-12	TERM	1.25	PE
57254	Nutrition and Fitness Concepts	CP	10-12	TERM	1.25	PE
57265	Stress Management	CP	11-12	TERM	1.25	Elective
57375	Swimming for Fitness	CP	11-12	TERM	1.25	PE
57224	Study of Disease	CP	11-12	TERM	1.25	Elective
57274	Effective Coaching	CP	10-12	TERM	1.25	PE

57333	PE Buddies (Through Learn to Serve)	CP	12	TERM	1.25	PE
57101	Honors Human Anatomy	HON	11-12	SEM	2.5	Elective
57121	Honors Sports Medicine	HON	11-12	SEM	2.5	Health

Health and Physical Education Courses

57394 HEALTH I

1.25 Credits

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, healthy interpersonal relationships, disease prevention, STDs as well as drug addiction and alcohol. This is a term course meeting everyday.

*This course meets the Health requirement

57204 HEALTH II

1.25 Credits

This course is required for Juniors 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. This is a term course meeting everyday. * Must pass Health I to take Health II *This course meets the Health requirement

57234 MANAGEMENT OF HEALTH ISSUES

1.25 Credits

This project-based course is for juniors and seniors and is focused on health topics students are currently faced with as well as those they will experience later in life. Students are involved in the selection of various health topics to study such as: substance abuse, body modification, grief/loss, stress management, weight management, mental health, family life and finances. Students will learn through lectures, group projects, internet research, and student presentations. This is a term course meeting everyday. *This course meets the Health requirement

57024A FRESHMAN PHYSICAL EDUCATION-WELLNESS PROGRAM

1.25 Credits

Students will have the opportunity to participate in basic and intermediate skill units in individual and team sports. Individual activities will include aerobic, anaerobic physical activity, weight training, fitness, team and individual sports. This is a term course meeting everyday *Must pass Freshman Physical Education Wellness Program before taking any other PE courses.

57384 PHYSICAL EDUCATION-WELLNESS PROGRAM

1.25 Credits

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. This is a term course meeting everyday *Must pass Physical Education Wellness Program before taking any other PE courses. **Prerequisite: This Class is only for students in Band, Orchestra, Chorus, or Ch. 74 CVTE programs**

57374 CPR/FIRST AID/LIFEGUARD TRAINING

1.25 Credits

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. This is a term course meeting everyday ***Students must be at least 15 years old and be proficient swimmers***

57254 NUTRITION AND FITNESS CONCEPTS

1.25 Credits

This course is designed for those students that are serious about learning about Nutrition, and engaging in physical activity/fitness.. The intent of the program is for students to understand proper nutrition, the need to be physically fit by developing their own fitness plan. Students will be assessed on classroom and all fitness activities. This class will be 3 days in the field house and two in the classroom. This is a term course meeting everyday.

57274 EFFECTIVE COACHING

1.25 Credits

This course is designed to help students who want to or are already coaching sports. Students develop their coaching philosophies; improve their communication, teaching, and management skills; and understand their responsibilities as a coach. This is a term course meeting everyday.

57354 TEAM SPORTS

1.25 Credits

Students will have the opportunity to participate in basic and intermediate skill units in team sports. Team activities will include traditional team sports such as football, basketball, baseball, soccer as well as some non traditional sports such as dodgeball, mat ball, volleyball and ultimate spots. This is a term course meeting everyday

57395 INDIVIDUAL SPORTS

1.25 Credits

Students will have the opportunity to participate in basic and intermediate skill units in individual sports. Individual activities will include the following badminton, archery, golf, tennis, project adventure and pickleball. This is a term course meeting everyday

57265 STRESS MANAGEMENT

1.25 Credits

This course is designed to provide the student with the principles and methods necessary to developing a personal stress management plan as well as experience various means ces to develop skills in a swimming environment and the necessary knowledge for safety in and around the water (recreational pool, home, beach, etc.). Course guidelines will follow those set by the American Red Cross Learn to Swim Program. Swimming is a beneficial component to personal fitness and the general population lacks proper knowledge of water safety. Students will be participating in both the classroom and pool areas. Students will be required to actively participate in the water and take part in traditional lap swimming. The classroom element will contain information on personal water safety and analysis of swim technique. This is a term course meeting everyday.

57375 SWIMMING FOR FITNESS

1.25 Credits

This course is designed to provide students with the resources to develop skills in a swimming environment and the necessary knowledge for safety in and around the water (recreational pool, home, beach, etc.). Course guidelines will follow those set by the American Red Cross Learn to Swim Program. Swimming is a beneficial component to personal fitness and the general population lacks proper knowledge of water safety. Students will be participating in both the classroom and pool areas. Students will be required to actively participate in the water and take part in traditional lap swimming. The classroom element will contain information on personal water safety and analysis of swim technique. **Prerequisite: Know how to swim.** This is a term course meeting everyday.

57224 STUDY OF DISEASE

1.25 Credits

This course is designed to provide students with the basic understanding of the causes, prevention, treatment and cure of infectious and noninfectious disease. Various activities and assignments will allow students to explore the history, patterns and preventative measures of current and past diseases. Focus will include family history, self-assessment and personal wellness to give students awareness to how disease impacts them as an individual. Students will be required to take part in various cardio and stress reducing activities within the classroom to practice disease prevention. This is a term course meeting everyday.

57333 LEARN TO SERVE: PE BUDDIES

1.25 Credits

This course is collaboration between Learn To Serve Program and the Wellness Dept. It is designed to provide students the opportunity to work with high school students with special needs in Physical Education or Adapted Physical Education Classes. Students will assist the adapted physical education teacher and the physical education teachers in implementing the program and will also learn how to work with students who have varied physical and/or cognitive special needs. Students who desire to register for the course must obtain prior approval by the Learn to Serve Coordinator, Guidance Counselor and Wellness Director. Durfee High School Guidance Counselor Approval will be based on student character and their past physical education performance/participation. Under the direction of the teacher students accepted into the PE Buddy program will act as “student teacher helper” and provided one-on-one assistants for students with special needs within the adapted physical education program. **Prerequisites:** Students must be a senior and be approved by the Learn to Serve Coordinator, Guidance Counselor and Wellness Director.

57101 HONORS HUMAN ANATOMY

2.5 Credits

Honors Human Anatomy is a rigorous lecture-based course that investigates the structure and function of the human body. Topics covered will include basic organization of the human body, the structure and function of the parts of the human body, along with an in-depth look into the viral body systems. Students will learn through reading materials, study guidance, unit worksheets, group work, projects, and unit assessments. High levels of achievement will be in effect. Students are expected to study daily. One of the goals of this course is to prepare students with the skills necessary to be successful in future anatomy classes in college. This is a semester course meeting everyday.

57121 HONORS SPORTS MEDICINE

2.5 Credits

Sports medicine is the multidisciplinary approach to health care for those seriously involved in exercise and sports. The topics of sports medicine covers a variety of subjects including sports medicine careers, ethics in sports, athlete nutrition, rehabilitation and preseason conditioning, and the treatment and prevention of injuries related to sports and exercise. Students will learn through classroom lecture, reading materials, study guides, unit worksheets, group work, projects, and unit assessments. This course will build on the information obtained in honors human anatomy and further your knowledge in this health related field. This is a semester course meeting everyday. * This course counts as Health elective *

Prerequisite: Honors Human Anatomy OR PLTW Biomedical Course OR Advanced Science coursework

Career & Technical Education

The Career and Technical Education Department offers a variety of career-oriented **Pathways** that help prepare students become college and career ready upon graduation. Students select a pathway at the start of their sophomore year and can remain in that program throughout a three-course sequence. Students graduate meeting industry competencies for safety, technical skills, employability, entrepreneurship, use of technology, and academic performance. CTE students also have opportunities to receive articulated college credit, take dual enrollment classes at BCC, gain work experience through internships, job shadowing, and on-the-job training, Many pathways also offer the opportunities to earn industry-recognized certificates or licenses.

CVTE Course Offerings					
COURSE#	DESCRIPTION	LEVEL	GRADES	TERM	CREDIT
CONSTRUCTION TECHNOLOGY PATHWAY					
08244	Construction Technology I	CP	10	.75 YR	3.75
08254	Construction Technology II	CP	11	YR	10
08264	Construction Technology III	CP	12	YR	10
COSMETOLOGY PATHWAY					
02284	Cosmetology I	CP	10	.75YR	3.75
02382	Cosmetology II	CP	11	YR	10
02482	Honors Cosmetology III	HON	12	YR	15
CULINARY ARTS PATHWAY					

02274	Culinary Arts I	CP/HO N	10	.75YR	3.75
02372	Culinary Arts II	CP/HO N	11	YR	10
02472	Honors Culinary Arts III	HON	12	YR	10
EARLY EDUCATION PATHWAY					
02234	Early Education & Care I	CP/HO N	10	.75YR	3.75
02232	Early Education & Care II	CP/HO N	11	YR	10
02432	Honors Early Education & Care III	HON	12	YR	15
ENVIRONMENTAL SCIENCE & TECHNOLOGY PATHWAY					
40304	Fundamentals of Ecology in our Environment	CP/HO N	10	.75YR	3.75
02105	Environmental Sustainability (PLTW)	HON	10-12	YR	5
02106	Environmental Science Capstone	HON	11-12	YR	5
HEALTH ASSISTING PATHWAY					
02254	Health Assisting I	CP/HO N	10	.75YR	3.75
02352	Health Assisting II	CP/HO N	11	YR	10
02452	Health Assisting III	HON	12	YR	15
MARKETING PATHWAY					

08554	Business and Marketing Essentials	CP/HON	10	.75YR	3.75
08544	Marketing II: Practical Experiences through DECA Activities	CP/HON	10-12	YR	5
08564	Marketing for School-Based Enterprise	CP/HON	11-12	SEM	2.5
08574	Advertising Design & Marketing	HON	11-12	SEM	2.5
08584	Marketing: Senior Capstone	HON	12	YR	5
VISUAL DESIGN PATHWAY					
02214	Fundamentals of Visual Design I	CP/HON	10	.75YR	3.75
	Animation for Visual Designers	CP/HON	2.5	SEM	2.5
02312	Visual Design II	CP/HON	11	YR	5
02412	Visual Design III	HON	12	YR	10
ENGINEERING PATHWAY (PLTW)					
40084	Introduction to Engineering Pathways (PLTW)	HON	9-12	SEM	2.5
40004	Principles of Engineering (PLTW)	HON	10-12	.75 Yr	3.75
02143	Digital Electronics in Engineering (PLTW)	HON	11-12	YR	5
08624	Honors Mechatronics	HON	11-12	SEM	2.5
44101	Civil and Architectural Engineering (PLTW)	HON	11-12	SEM	2.5

40091	Engineering Capstone: Design & Development (PLTW)	HON	12	YR	5
ELECTIVES: CAREER & TECHNICAL EDUCATION					
08614	Introduction to Electronics	CP/HON	10-12	SEM	2.5
40054	Computer Aided Design (CAD) in Engineering	CP/HON	11-12	TERM	1.25
02273	Introduction to Culinary Arts	CP	9-12	TERM	1.25
02213	Introduction to Visual Design	CP	9-12	TERM	2.5
03031	Exploring Health Careers	CP	10-12	TERM	1.25
08304	Wood Technology I	CP	10-12	TERM	1.25
08314	Wood Technology II	CP	11-12	SEM	2.5

CONSTRUCTION TECHNOLOGY PATHWAY

08244 INTRODUCTION TO CONSTRUCTION TECHNOLOGY 1 (Sophomore Year, College Prep)

2.5 Credits

This course will provide students with an introduction to construction site safety, basic hand and power tools, 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, bricklaying, and concrete masonry. Students engage in activities such as reading blueprints, rigging, roofing, framing, erecting structures, finishing surfaces, and maintenance of tools and equipment. This is a semester course meeting everyday

08254 INTRODUCTION TO CONSTRUCTION TECHNOLOGY 2 (Junior Year, College Prep)

10 Credits

A continuation towards proficiency in the knowledge and skills from Construction Technology I. The course will provide experiences and information (including career opportunities and training requirements) regarding construction-related occupations such as carpentry, bricklaying, and concrete masonry. Students engage in activities such as reading blueprints, rigging, roofing, framing, erecting structures, finishing surfaces, and maintenance of tools and equipment. This is a full year course meeting five days a week.

08264 CONSTRUCTION TECHNOLOGY III (Senior Year, CP/Honors)

10 Credits

This course will be a continuation of Construction 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 in construction-related occupations such as carpentry, and concrete masonry. Students engage in activities such as reading blueprints, erecting ladders and scaffolds, measuring, marking, and cutting materials for construction, erecting structures, installing cabinets and equipment, finishing surfaces, and maintenance of tools and equipment. This is a full year course meeting 2 periods a day/ five days a week.

Construction Electives:

08304 WOOD TECHNOLOGY I

1.25 Credits

This elective course offers an introductory 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. This is a term course meeting everyday.

08314 WOOD TECHNOLOGY II

2.5 Credits

In this follow-up elective to Wood Technology I to 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 various independent projects including a scale house model. This is a semester course meeting everyday.

Cosmetology Pathway

Upon completion of this program, students are eligible to become certified as a licensed Cosmetologist in the Commonwealth of Massachusetts.

02284 COSMETOLOGY I (Sophomore Year, CP/Honors)

3.75 Credits

Students will be taught basic skills of hairstyling, haircutting, and professional communication, along with aspects of hygiene and safety. This is a full year course meeting for 3 terms.

02382 COSMETOLOGY II (Junior Year, CP/Honors)

10 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. This is a full year course meeting 2 periods a day/ five days a week. **Note: Students will be required to have a uniform and kit as determined by the instructor.**

02482 HONORS COSMETOLOGY III (Senior Year, Honors)

15 Credits

Students will continue to receive all knowledge and training in all facets of hair, skin, and nails to prepare them for the State Board Exam and begin a career in cosmetology. They will work on clients and continue to gain real world experience in a salon setting. All students will continue to take necessary actions to complete their State Board Exam and obtain a career in the cosmetology field. This is a full year course meeting 3 periods a day/ five days a week. **Note: Students will be required to have a uniform and kit as determined by the instructor.**

Culinary Arts Pathway

02274 CULINARY ARTS I (Sophomore Year, CP)

3.75 Credits

Students will become familiar with the basics of food preparation, safety & hygiene. This will include food preparation, baking, dining room service and cleanup. This is a full year course meeting for three terms.

02372 CULINARY ARTS II (Junior Year, CP/Honors)

10 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. This class also works the student-run coffee shop, interacting with customers daily. This is a full year course meeting 2 periods a day/ five days a week. **Note: Students will be required to have a uniform as determined by the instructor.**

02472 HONORS CULINARY ARTS III (Senior Year, Honors)

10 Credits

This course is designed to train students in a sequence of activities for kitchen and bakery laboratory and dining experiences. Major topics include menu planning, ordering, and inventory controls as well as baking fundamentals including pastries, breads and special occasion cakes. This class also works in the student-operated restaurant, interacting with customers daily. This is a full year course meeting 3 periods a day/ five days a week. **Note: Students will be required to have a uniform as determined by the instructor.**

Culinary Arts Elective:

02273 INTRODUCTION TO CULINARY ARTS (CP)

1.25 Credits

In this term elective course students will become familiar with the basics of food safety and preparation. Sophomore students who pass this course may be eligible to apply for the 'Career & Technical Education Culinary Arts Program' .

Early Education & Care Pathway

Upon completion of this program, students are eligible to become certified through the Dept. of early Education and Care.

02234 EARLY EDUCATION & CARE I (Sophomore Year, CP/Honors)

3.75 Credits

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. This is a full year course meeting for 3 terms.

02332 EARLY EDUCATION & CARE II (Junior Year, CP/Honors)

10 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. This is a full year course meeting 2 periods a day/ five days a week. **Note: Students will be required to have a uniform as determined by the instructor.**

02432 HONORS EARLY EDUCATION & CARE III (Senior Year, Honors)

15 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. This is a full year course meeting 3 periods a day.

Environmental Science and Technology Pathway

40304 FUNDAMENTALS OF ECOLOGY IN OUR ENVIRONMENT (CP/Honors)

3.75 Credits

This introductory course to the Environmental Pathway course helps develop an understanding of the natural and man-made environment and the environmental problems the world faces. Students explore ecological concepts through an inquiry approach, taught in the context of the content standards for Individuals, Populations, Communities, Ecosystems, Biomes, Humans and Sustainability. Students become proficient with the testing and maintaining of water quality, troubleshooting, breeding and data collection from shop aquarium systems. This is a three-term course and counts as a MassCore lab science.

02105 ENVIRONMENTAL SUSTAINABILITY (PLTW) (Honors)

5 Credits

In this PLTW course, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply, and renewable energy. Applying their knowledge through hands-on activities and simulations, students research and design potential solutions to these true-to-life challenges. This is a Honors level course meeting for a full year and counts as a MassCore lab science.

Prerequisite: *Fundamentals of Ecology(Environmental 1), Urban Farming, Ecology, strong science background, OR permission from the CTE Director*

02106 ENVIRONMENTAL SCIENCE CAPSTONE (Seniors, Honors)

5 Credits

In this senior-class capstone, student concentrate on fieldwork in environmental engineering/consulting, natural resource management and land-use planning. Water treatment sciences are also main focus of study as students visit local treatment plants and study the terminology and methodology of water treatment in preparation for the Massachusetts Grade-2M Wastewater Operator's License exam, qualifying them for entry-level positions in local facilities. There are also opportunities for articulated credit with Bristol Community College and job shadowing opportunities. This is a full year Honors level course and counts as a MassCore lab science.

Prerequisite: *Fundamentals of Ecology or equivalent OR permission from the CTE Director*

Health Assisting Pathway

Emphasis in this pathway is placed on specific Nursing Assistant duties and on the concepts of caregiving. Students receive a strong academic foundation as well as experiencing externships where they can practice their skills in a real world setting. Students become First Aid, CPR/AED, and Alzheimer's certified prior to participating in on-site clinical affiliation in the senior year at local nursing and rehabilitation centers and hospitals. Students are exposed to a vast array of careers in healthcare. This program is certified by the Commonwealth of Massachusetts as a Certified Nursing Assistant (CNA) and Home Health Aide (HHA) testing site.

02254 HEALTH ASSISTING I (Sophomore Year, CP/Honors)

3.75 Credits

This classroom component covers basic knowledge of the role of the Nurse Assistant and the healthcare system. Some hands on activities are conducted in the nursing lab. Upon completion of this course, students must earn a 70 average to continue in the Health Assistant II course. This is a full year course meeting for three terms.

02352 HEALTH ASSISTING II (Junior Year, CP/Honors)

10 Credits

This course continues the preparation of students with knowledge and nursing skills for the practice of patient care. Students will acquire the hands-on skills in the nursing lab that will enable them to care for a resident in a Long Term Care facility. Students must be 100% proficient in lab skills prior to the clinical affiliation. Upon completion of this course, students must earn a 70 average to continue to the Health Assisting III course. This is a full year course meeting 2 periods a day..

02452 HONORS HEALTH ASSISTING III (Senior Year, Honors)

15 Credits

After becoming First Aid and CPR/AED Certified, students apply their knowledge and skills in a long term care facility under the supervision of the instructor. After successful completion of the Nursing Assistant competencies, students are eligible to take the state certification exam. Students also have the opportunity to apply their skills in a hospital setting with the acutely ill patient and explore other health related careers. This is a full year course meeting 3 periods a day.

Health Assisting Elective:

03031 EXPLORING HEALTH CAREERS

1.25 credits

The elective term course will give a general overview of the health career options to include practical skills in the nursing lab and related medical terminology. Careers to be explored include: Registered Nurse, Medical Assistant, Emergency Medical Technician, Physical Therapist, Occupational Therapist, Dental Assistant, Laboratory Technician, Radiology Technician.

Marketing Pathway

The Marketing Pathway helps prepare students for entry-level employment in business and marketing occupations and for post-secondary studies in business. Real-life learning opportunities and projects provide students opportunities to learn about business as it relates to their personal lives and the world around them.

08554 INTRODUCTION TO MARKETING ESSENTIALS (CP/Honors)

3.75 Credits

This first course in the Marketing Pathway is designed to give students an exploratory investigation of the career opportunities in the broad field of marketing. Students will obtain hands-on experience in a variety of real-world marketing projects in a social media environment while participation and preparation for DECA competitions is introduced. This class is recommended for students considering a career in Marketing or interested in obtaining a Technical Certificate for completing the Marketing Pathway.

08544 MARKETING II: PRACTICAL EXPERIENCE THROUGH DECA ACTIVITIES (CP/Honors)

5 Credits

Building on concepts introduced in Introduction to Marketing Essentials, students will explore marketing in areas such Sports & Entertainment, Fashion Merchandising, and Brand Design. Activities will be aligned with internationally-acclaimed DECA competitions, helping students become academically prepared, community oriented, and professionally responsible while developing leadership skills.

08564 MARKETING IN SCHOOL-BASED ENTERPRISE (CP/Honors)

2.5 credits

Students are introduced to the concept of a school-based enterprise (SBE), an entrepreneurial operation in a school setting such as a school store or restaurant as well as online ventures. SBEs are managed and operated by students as hands-on learning laboratories that integrate National Curriculum Standards in marketing, providing realistic and practical learning experiences that reinforce classroom instruction. After studying the basics of SBEs, students will have the opportunity to apply these concepts in school store and restaurant as well as creating marketing materials for other school-based initiatives.

08584 MARKETING SENIOR CAPSTONE (Honors)

5 credits

In this capstone course for the Marketing Pathway, students will work on a culminating project derived from previous marketing courses while also focusing on more complex DECA Activities as well as Entrepreneurship. There will also be opportunities for job shadowing in local businesses.

08574 ADVERTISING DESIGN IN MARKETING (Honors)

5 credits

Designed for students in the Marketing Pathway, this course explores the principles and concepts of layout and design as applied to a variety of advertising and marketing activities including ads, brochures, logos, posters, and sales promotion material. Through simulations as an advertising agency, students will also develop skills for research techniques in marketing and branding.

Visual Design Pathway

02214 FUNDAMENTALS OF VISUAL DESIGN (Sophomore Year, CP/Honors)

3.75 Credits

In this introductory course in the Visual Design Pathway, students learn the basics of effective visual design and visual communication through activities using Adobe Creative Cloud software like Photoshop and Illustrator. Students will gain the ability to see the world in a different way discovering why a logo appealing and how a well-designed poster impacts the audience. Digital photography, video production and animation will also be introduced. This is course meets for three terms

02312 VISUAL DESIGN II (Junior Year, CP/Honors)

5 Credits

Visual Design II focuses on digital photography, video production, animation, as well as graphic design and typographic principles. Students will explore integrating their photography into design projects of moderate and increasing complexity and produce complex video projects that include animated characters, motion graphics, and sound. Overall emphasis is on the development of strong visual concepts that communicate effectively. This is a full year course meeting five days a week.

ANIMATION FOR VISUAL DESIGNERS

2.5 Credits

This animation course is part of the Visual Design Pathway where students will focus on the creative world of animation. This course develops student's digital voices through 2D animation, stop-motion, 3D modeling, and video rendering using digital camera's and the Adobe Creative Cloud software. Students will also explore script writing, character development, voiceover, and sound editing to bring their own creations to life.

Prerequisite: *Visual Design I, II , Intro to Visual Design or permission of Director.*

02412 HONORS VISUAL DESIGN III (Senior Year, Honors)

10 Credits

Visual Design III is a continuation of design, photography, and video production training. Students will also concentrate on preparing a drawing portfolio. The course emphasis is on critical thinking, concept development, as well as research and marketing methodologies. Students will also focus on the development of a unique personal voice through projects that are geared towards their individual interests. All students will end their training with a personal online portfolio to showcase their work to clients, employers, or college institutions. This is a full year course meeting 2 periods a day.

Visual Design Elective Course:

02213 INTRODUCTION TO VISUAL DESIGN

2.5 Credits

This elective course designed for any student interested in exploring their creative side through computer generated graphics. Students will explore the elements of design through activities using Adobe Photoshop and Illustrator.

Sophomore students who pass this course will be eligible to enroll in the CTE Visual Design Pathway.

Engineering Pathway

Students interested in STEM-related careers will benefit greatly from the Engineering Pathway, which introduces students to the world of engineering and technology through hands-on activities using Project Lead the Way (PLTW) nationally recognized curriculum that has proven to “engage students in compelling, real-world challenges that help them become better collaborators and thinkers.” When combined with traditional honors mathematics and science courses, the Engineering Pathway introduces students to the scope, rigor, and discipline of engineering and technology while engaging students in compelling, real-world challenges that help them become better collaborators and thinkers.

PLTW Engineering courses also qualify students to earn AP + PLTW recognition, a qualification that demonstrates to colleges and employers that the student is ready for advanced course work and interested in careers in engineering as well as providing opportunities for admissions preference, scholarships, and articulated college course credit.

***All PLTW Engineering courses require concurrent enrollment in (or satisfactory prior completion of) appropriate grade level math courses.*

40084 INTRODUCTION TO ENGINEERING PATHWAYS (Honors)

2.5 Credits

In this PLTW foundation course, students explore the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work. This is an Honors level course meeting for a semester.

Co-requisite: *Enrolled in Honors Math & Science OR permission from the CTE Director*

40004 PRINCIPLES OF ENGINEERING (PLTW) (Honors)

3.75 Credits

A follow-up to Introduction to Engineering, this PLTW foundation course allows students to explore a broad range of engineering topics through problems that engage and challenge. Topics include mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design to create solutions to various challenges, document their work and communicate solutions. This is a Honors level course meeting for a three terms.

Prerequisite: *Introduction to Engineering Pathways OR permission from the CTE Director*

02143 DIGITAL ELECTRONICS IN ENGINEERING (PLTW) (Honors)

5 Credits

From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. This is a Honors level course meeting for a full year and counts as a MassCore lab science.

Prerequisite: *Introduction to Engineering Pathways & Principles of Engineering OR permission from the CTE Director*

CIVIL AND ARCHITECTURAL ENGINEERING (PLTW) (Honors)

2.5 Credits

In this PLTW Specialization course designed for those interested in careers related to civil engineering and architecture, students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software. This is a Honors level course meeting for a semester.

Prerequisite: *Introduction to Engineering Pathways OR permission from the CTE Director*

08624 HONORS MECHATRONICS (Honors)

2.5 Credits

A technology combining electronics and mechanical engineering, Mechatronics builds on skills obtained in the Introduction to Electronics course focusing on the design process to develop, create and troubleshoot designs. Students will also create a simulated company which focuses on developing cutting edge technologies and prepare to enter robotics competitions such as the National SeaPerch Challenge and the MATE International ROV competition. Upon completion students are prepared to enter entry level electro-mechanical technician positions. This is a Honors level course meeting for a semester.

Prerequisite: Introduction to Engineering Pathways OR permission from the CTE Director

40091 ENGINEERING CAPSTONE: DESIGN & DEVELOPMENT (PLTW) (Honors)

5 Credits

In this capstone course for the Engineering Pathway, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. After identifying a real-world issue, students research, design, and test a solution, ultimately presenting their solution to a panel of engineers and completing the pathway ready to take on any post-secondary program or career. This is a Honors level course meeting for a full year and counts as a MassCore lab science.

Prerequisite: Introduction to Engineering Pathways & Principles of Engineering OR permission from the CTE Director

Engineering Electives:

40054 COMPUTER AIDED DESIGN (CAD) IN ENGINEERING (Honors)

1.25 Credits

This course provides students with a broad introduction into 2D and 3D Computer-Aided Design (CAD) and modeling with a focus on Engineering applications. Student use industry-standard software to develop skills through hands on activities culminating in a 3D printing of a final drawing. This is a Honors level course meeting for a semester.

Prerequisite: Introduction to Engineering Pathways OR permission from the CTE Director

08614 INTRODUCTION TO ELECTRONICS (CP/Honors)

2.5 Credits

Students will learn and apply analog and digital electrical theory. This course culminates with designing, troubleshooting, soldering, and manufacturing their own Printed Circuit Board.

Durfee Discovery Exploratory Program (Freshmen)

Durfee Discovery is a grade 9 Career and Technical Education exploratory program. These courses introduce students to the many educational opportunities available at Durfee. Students will receive

instruction in career pathways and exploration including interest and ability assessments regarding their education and career preferences. Students will be introduced to applicable technology, employability skills, and safety. These courses will enable students to make informed decisions concerning future career pathways or electives at Durfee. Performance, conduct, and attendance in Durfee Discovery are components of the admissions criteria to a Career and Technical Education Program of Study.

COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDITS
02504	Biomedical Science Exploratory (PLTW)	None	9	.25 Term	.3125
08004	Construction Technology Exploratory	None	9	.25 Term	.3125
02184	Cosmetology Exploratory	None	9	.25 Term	.3125
02174	Culinary Arts Exploratory	None	9	.25 Term	.3125
02114	Visual Design Exploratory	None	9	.25 Term	.3125
02134	Early Education Care Exploratory	None	9	.25 Term	.3125
02144	Engineering & Electronics Exploratory (PLTW)	None	9	.25 Term	.3125
40104	Ecology in Our Environment Exploratory	None	9	.25 Term	.3125
02914	Health Assisting Exploratory	None	9	.25 Term	.3125
75104	NJROTC Exploratory	None	9	.25 Term	.3125
01300	Business Marketing Exploratory	None	9	.25 Term	.3125

02504 BIOMEDICAL SCIENCES EXPLORATORY (PLTW)**.3125 Credits**

This course will explore topics related to biomedical principles and occupations and opportunities of medicine, clinical trials, public health, and disease and diagnostic testing.

08004 CONSTRUCTION TECHNOLOGY EXPLORATORY**.3125 Credits**

The Carpentry Exploratory program offers students introductory educational experiences in residential and cabinetry construction. Curriculum topics in woodworking fundamentals include safety, hand and machine tools, basic blueprint reading, and wood finish preparation and application.

02184 COSMETOLOGY EXPLORATORY**.3125 Credits**

This course familiarizes students with the fundamentals of grooming and important aspects of hair, nail, and skin care.

02174 CULINARY ARTS EXPLORATORY**.3125 Credits**

This course will train students in the basics of cooking, dining room etiquette and the baking.

02114 VISUAL DESIGN EXPLORATORY**.3125 Credits**

This course introduces students to the field of Visual Design. Students will be exposed to industry standard image editing software and basic design principles and theory in a state-of-the-art computer lab setting.

02134 EARLY EDUCATION CARE EXPLORATORY**.3125 Credits**

This course will introduce students to the basics of the early childhood education and the responsibilities of a preschool teacher.

02144 ENGINEERING & ELECTRONICS EXPLORATORY (PLTW)**.3125 Credits**

This course is an introduction and overview of the many and varied opportunities in engineering. Topics include the use of the engineering notebook, the engineering design process and activities to introduce each of the Project Lead the Way (PLTW) classes offered.

40104 ECOLOGY IN OUR ENVIRONMENT EXPLORATORY**.3125 Credits**

Students are introduced to the many aspects of the environmental science during this five-week course. While exploring the areas of natural resources, energy consumption/efficiency, natural sciences and human population, students will learn how these systems are connected, impacted and relate to daily life. Students also learn about basic data collection and analysis and are exposed to the testing and maintaining of water quality and troubleshooting of recirculating aquarium systems. Freshmen also learn about basic shop safety protocols and procedures.

02914 HEALTH ASSISTING EXPLORATORY**.3125 Credits**

This course will introduce students to the basics of the health care system and the roles of a nursing assistant and other health professions. Some hands on activities will be conducted in the nursing laboratory.

75104 NJROTC EXPLORATORY**.3125 Credits**

This course will introduce the student to the NJROTC program at Durfee. Students will be exposed to activities such as drill marching, US military organization, military customs and courtesies, as well as physical training.

01300 BUSINESS MARKETING EXPLORATORY

.3125 Credits

Students explore what it takes to market a product or service in today's fast-paced business environment, learning the fundamentals of marketing using real-world business examples.

FRED TV: Television Production

School to Career Courses					
COURSE	DESCRIPTION	LEVEL	GRADES	TERM	CREDITS
62104	TV 1: Basics of Television Production	CP	10-12	YR	5
62284	TV 1: Basics of Television Production	CP	10-12	SEM	2.5
62214	TV2: Broadcast Journalism & News and Documentary News	CP	11-12	YR	5
62294	TV2: Broadcast Journalism & News and Documentary News	CP	11-12	SEM	2.5
62224	TV3: Advanced Television Production Movie-Making & Music Video Prod.	CP	12	YR	5
62454	TV Studio Independent Study	CP	10-12	SEM	Varies

62204 TV 1: BASICS OF TELEVISION PRODUCTION

5 Credits

62284 TV 1: BASICS OF TELEVISION PRODUCTION

2.5 Credits

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 producing, scriptwriting, voice-over techniques, digital videography, shot composition, multimedia pre and post-production, editing, graphics, in-studio production acting and how to become on air talent. Projects include: PSA's, How To Videos, In-Studio Projects, contest entry videos and more. Students will gain experience using Adobe Premiere editing, Adobe After Effects, Prelude, Garageband and more. (This is a term course that meets every day and a full year course that meets day.)

62214 TV2: BROADCAST JOURNALISM & NEWS DOCUMENTARIES

5 Credits

62294 TV2: BROADCAST JOURNALISM & NEWS DOCUMENTARIES

2.5 Credits

This course refines the multimedia production skills to prepare students for their future, with special concentration on the Broadcast Journalism Industry. Students are responsible for, and will learn how to put together an actual television newscast. We will take students through the pre-production stages of news, which include research, broadcast scriptwriting, and producing; the “production” stage of news which includes filming using state-of-the-art Sony HD cameras and editing using Adobe Premiere software for Mac; then complete the final stage of news, which is the actual newscast in our television studio. Here students will be taught how to Direct, Produce, operate in-studio cameras, adjust lighting, record audio, operate a teleprompter and perform as a News Anchor. Students will also work in groups on producing documentaries and how to compare the two types of news, as well as several other fun projects including individual creative videos and movie trailers. (This is a full year course that meets everyday In addition, a half-year course that meets every day will be offered during semester 2)* ***Passing grade of C or better in TV1 is required.***

62224 TV3: ADVANCED TELEVISION, MOVIE MAKING AND MUSIC VIDEO PRODUCTION

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, a cover letter and resume, interview techniques, a client music video for original artist (some of these artists are signed), individual creative projects, a demo reel for employment or college entrance, and several monthly genre-related movie shorts. Students will also participate in the 48 Hour Film Festival in Boston where they will compete against professional filmmakers. We prepare you for a career in this industry. Students will work as professionals in teams and as individuals to perfect their crafts. (This is a full year course that meets five days a week).

**** Passing grade of C or better in TV2 is required.***

62454 TV STUDIO INDEPENDENT STUDY

1.25 – 5 Credits (Varies)

Students who have completed Radio & Television Broadcasting I, II, or III. Students will be required to assist the Instructors and staff at FRED-TV and will have assigned job responsibilities and tasks for the successful operation of FRED-TV, Channel 9. Students must have a good working knowledge of the equipment and technical skills needed to work effectively. (Maximum 4 students per periods) This study can be 5 days per week, 4 days per week, 3 days per week or twice weekly and is for a semester. Students in good standing have the option of returning for the second semester, with approval of the Managing Instructor. **Prerequisite: Managing FRED TV Instructor approval is required.**

All student projects will air on Channel 9. Select projects will stream on the FRED-TV website, on the FRED-TV Facebook page, and YouTube as well.

U.S. NAVAL JUNIOR ROTC

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. *Students have the option to take the NJROTC class in lieu of Physical Education in order to meet the graduation requirement or a combination of these classes by having NJROTC as an elective class. In order to meet the Physical Education requirement, students must remain in the JROTC program for a full year. Each year in NJROTC will count for one year of Physical Education. NJROTC Durfee Discovery does not satisfy this 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 JROTC Course Offerings					
COURSE #	DESCRIPTION	LEVEL	GRADES	TERM	CREDIT
75114	Naval Science 1	CP	9-12	SEM	2.5

75122	Naval Science 2	CP	10-12	SEM	2.5
75121	Naval Science 2 - Honors	HON	10-12	SEM	2.5
75131	Naval Science 3 - Honors	HON	11-12	SEM	2.5
75141	Naval Science 4 - Honors	HON	12	SEM	2.5

Naval Science Course Descriptions

75114 NAVAL SCIENCE 1

2.5 Credits

This 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. This is a semester course meeting everyday

75122 NAVAL SCIENCE 2

2.5 Credits

This course expands upon 75114 and includes introduction to maritime history and nautical sciences. Leadership principles are more strongly emphasized. This is a semester course meeting everyday **Prerequisite: A passing grade in Naval Science 1.**

75121 HONORS NAVAL SCIENCE 2

2.5 Credits

This course includes all aspects of 75122 with additional responsibility for special projects. Leadership skills are developed at the platoon level. This is a semester course meeting everyday **Prerequisite: A passing grade in Naval Science 1.**

75131 HONORS NAVAL SCIENCE 3

2.5 Credits

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. This is a semester course meeting everyday **Prerequisite: A passing grade in Naval Science 2.**

75141 HONORS NAVAL SCIENCE 4

2.5 Credits

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 cadets. This is a semester course meeting everyday **Prerequisite: A passing grade in Naval Science 3.**

SCHOOL TO CAREER

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.

School to Career Courses					
COURSE	DESCRIPTION	LEVEL	GRADES	TERM	CREDITS
04434/04474	STC INTERNSHIP AND SEMINAR (S1)	NONE	12	SEM	5
04454/04484	STC INTERNSHIP AND SEMINAR (S2)	NONE	12	SEM	5

04434/04474 SCHOOL TO CAREER INTERNSHIP AND SEMINAR (1st Semester)

04454/04484 SCHOOL TO CAREER INTERNSHIP AND (2nd Semester)

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.

Prerequisite: An application must be completed and submitted to the School to Career office. Students must be an eligible junior or senior and have a signed agreement from a parent/guardian.

LEARN TO SERVE & PROJECT RED AND BLACK

Learn to Serve is a community service based class where students are required to complete site based community service hours at Durfee High School and/or in the Fall River Community. Students are required to complete a minimum of 20 hours each term to stay in the program and complete a capstone at the end of their experience. Students who are accepted into a post-secondary educational institution and complete at least 100 community service hours will be eligible to apply for a community service scholarship and will be publically recognized at commencement with a community service cord.

Learn to Serve & Project Read and Black Courses					
	Honors Senior Interdisciplinary: Project Red and Black	HON	12	YR	15
04475	Learn to Serve	NONE	12	TERM	Varies

HONORS SENIOR INTERDISCIPLINARY: PROJECT RED AND BLACK

15 Credits

Project Red and Black empowers students to be agents of social change. Students explore how individuals and groups have worked to bring about change in the Greater Fall River Area using the disciplines of English, social studies, mathematics, and science. Through this interdisciplinary approach, students will practice and develop a variety of important 21st century skills, such as oral communication, research, statistical analysis, interaction with the local community, and collaborative problem-solving. In addition, this course will incorporate Service Learning standards in the delivery of all core content. The culmination of the class is a Service Learning Project in which students will work together with local agencies on real-world problem solving by identifying issues and enacting change in their community. Students work with local non-profits, and will identify a problem in the community, create a solution, and see it through completion leading to impacting The Greater Fall River Area. **Prerequisite:** Passed all MCAS, on track to graduate, guidance recommendation

04475 LEARN TO SERVE

1.25 – 5.0 Varies, Sliding Scale based on Community Service Hours Completed

This class will meet one day per week with class projects linking school and service, enabling students to see connections between academics and real-life situations. Students will be able leave early or come in late, or have a directed study (senior privilege) to complete their service projects the other 4 days. The course requirement is a minimum of 20 hours per term of community service which must be performed within Durfee or in the Fall River Community. Within those 20 hours, at least 5 should be completed at Durfee HS. Students who wish to use Learn to serve as their senior history requirement, must take minimum two terms and also complete a capstone project at the end of the semester. The class will focus on the identification of community needs and service

opportunities and monitoring of progress and sharing of ideas. Students will also work on a final in-class presentation about their experience. **Note: This is a Pass/Fail course and does not affect class rank**

Notes: Community Service is open to senior students by application only. Accepted students must fill out a community service contract prior to beginning the community service project. To fulfill their contract, students must complete a minimum of 40 hours of community service and be on track to graduate. Students who complete more than 40 hours will be granted additional credit based on the sliding scale above.

SPECIALIZED COURSES

Specialized Courses					
04624	One Goal - Year I	CP	11	YR	5
09544	One Goal – Year II	CP	12	YR	5
04594	JAG New England	NONE	11-12	YR	5

04624 ONE GOAL – Year I

5 Credits

The OneGoal Year One (Y1) course curriculum provides juniors in high school the opportunities and resources to explore college as a realistic, attainable post-high school option. The daily course places a strong emphasis on personal and collective goal setting with an intensive college awareness curriculum, along with SAT test preparation, to maximize potential and open up the doors of possibility for students' futures. During Y1, students demonstrate their commitment to the three-year OneGoal Fellowship. As individuals and as a cohort, the students develop accountability with respect to their goals while embodying Five Leadership Principles: Professionalism, Ambition, Integrity, Resilience and Resourcefulness. **Prerequisite: Recommended by Counselor and/or One Goal Program Director**

09544 ONE GOAL – Year II

5 Credits

The OneGoal Year Two (Y2) course curriculum provides seniors in high school the opportunities and resources to explore college as a realistic, attainable post-high school option. The daily course places a strong emphasis on preparing students for college academically, financially, and socially to maximize college choice and persistence through college graduation. During Y2, students apply to Match, Overmatch, and Undermatch colleges with special attention to OneGoal partner institutions. Students apply for financial aid by completing their FAFSA and scholarships, as well as increase their financial literacy. In the class, students also explore their own identities and those of their peers as they begin to plan for navigating life in college. Finally, students and their teacher prepare for continuing their relationship through the summer and Y3 of the program - a year of remote mentorship between the teacher and student to assist with their freshman year of college. **Prerequisite: Must have taken One Goal as a Junior**

04594 JAG – NEW ENGLAND

5 Credits

This course is designed for incoming high school juniors or seniors who are under-credited or in danger of not successfully transitioning into postsecondary schooling or the labor market because of academic, economic, family and personal barriers. This course works with students to enable them to achieve all requirements for graduation and then to transition after graduation to a positive destination in the form of a job, postsecondary education or the military. Students are equipped with employability skills in 37 employability competencies that will prepare them for the workplace. Students also receive follow up support for 12 months after graduation to support them in obtaining and persisting in post-secondary education or gaining an employer related to their career goals. **Prerequisite: Recommendation by Counselor. JAG Specialist Interview**

Notations & Policies

Final Course 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, course enrollment, and budget. By indicating an alternate course selection sheet, you will be enrolled in your alternate if your first choice is cancelled.

Summer School Regulations:

In the B.M.C. Durfee Secondary Summer School, students are able to take courses for original or credit recovery both with face-to-face instruction and via online Edgeunity platform. In order to enroll for a credit recovery course, a student needs to have completed the full course, failed, and earned a 50 percent or higher in his/her course or have permission from the school principal and or designee. In order to complete a course for original credit, the student must have permission from the school principal or grade level VP. Not all courses are offered in summer school

Early Graduation

Upon the written request of a student and with the approval of the student's parent/guardian, guidance counselor and appropriate grade administrator, a student may be considered for early graduation at the completion of his/her junior year. For consideration of early graduation to take place, a student must:

1. Write a personal statement with outlining the rationale for early graduation
2. Set up a meeting with the principal to discuss post-secondary plans,
3. Have completed all requirements for graduation AND
4. Be accepted to an institution of higher learning, be enlisted in the military or be employed full time.

If a junior meets the above criteria, the school may submit an application for Early Graduation to the Superintendent. The superintendent will review and forward for approval to the School Committee if appropriate. Upon recommendation of the Superintendent of Schools, the school committee may award the diploma early.

Fall River Public Schools 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.

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 508-675-8430 to review instructional materials