

# Drury High School

## Program of Studies

GRADES 8-12



## 2011-2013

"SUCCESS IS BASED ON A GOOD FOUNDATION"

**Core Values:** At Drury High School, the entire school community must facilitate a student-centered learning environment characterized by equity, personalization, collaboration, and engagement.

**Beliefs:** We believe learning is a collaborative process of continual student growth and all learners will become proficient in the Drury High School Expectations. To this end, all members of our school community are active and reflective agents of teaching and learning in an ever-changing global society.

# North Adams Public Schools

## SCHOOL COMMITTEE

Mayor Richard J. Alcombright, Chairman

Mary Lou Accetta – Heather Boulger – John Hockridge

Mark Moulton – Lawrence Taft – Dave Lamarre

## ADMINISTRATION

Superintendent of Schools	James E. Montepare
Administrator of Special Education	Noreen L. Donnelly
Principal of the High School	Amy S. Meehan
Dean of Students	William A. Bryce Chris Barbarotta
Dean of Curriculum & Instruction	Timothy Callahan
Coordinator of Athletics	John Franzoni
Director of Music	Aldonna Giourard
Head Guidance Counselor	Kathy Morgan
Special Education Program Coordinator	Robbin Freeman- Labonte

## **GENERAL GUIDELINES FOR REGISTRATION**

Before selecting courses for the next school year, there should be a careful study of the offerings by students. In an effort to promote college and career readiness for all students, Drury High School is in the process of multi-year plan to reorganize our course offerings to reflect this goal. Incoming students and students currently enrolled at Drury will automatically be placed in the next level of the appropriate course, and decisions about moving up to Honors or Advanced Placement level courses will be made by looking at a variety of factors including student performance data, teacher recommendations, and student self-selection. It should be noted that the official Drury High School position is to encourage as many students as possible to take the most rigorous courses possible throughout their high school career, to best prepare for college and career.

Students will have opportunities to choose their elective offerings from a variety of career pathways. Drury High School will prioritize student enrollment in courses that meet the MassCore requirement.

1. All students must enroll in at least six courses, not including required Physical Education.
2. Students will be automatically enrolled in the next level of their core academic courses (English, Social Studies, Math, and Science) though they will have the option to move up to Honors or Advanced Placement offerings when appropriate.
3. Students will select the equivalent of two full-year elective offerings and designate a third as an alternate. All attempts will be made to schedule students into the chosen electives, but depending on course size and potential sign-ups, there are no guarantees of elective enrollment.
4. Subject teachers and homeroom teachers will help the students make decisions about moving up to Honors or Advance Placement when appropriate and which elective offerings would best fit their career goals.
5. Course Request forms should be returned to a designated teacher during the scheduling/request process per school instructions.

## **NONDISCRIMINATION POLICY**

The North Adams Public School District does not discriminate on the basis of race, color, national origin, age, sex or handicap in admission to, access to, treatment on or employment in its programs and activities.

### **Key Definitions**

Level: Indicates course level  
*CP = College Preparatory    H= Honors/Pre-AP    AP = Advanced Placement*

Credit: Indicates amount of credit the course is worth

Course Length: Indicates duration of the course (Quarter, Semester, or Full Year)

Prerequisite: Indicates the conditions that must be met in order to enroll in the course

Course Type: Indicates if the course is mandatory for the student to take, or if it is an elective  
*Required = Graduation Requirement    Elective = Student may elect to enrollment*

## ACADEMIC REQUIREMENTS

### STUDENT CLASSIFICATION

Grade 8 students must take the required MCAS testing during their 8<sup>th</sup> grade year in ELA, Math and Science. Scores on MCAS will assist school officials in appropriate course placement for students for the following academic school year. **Students enrolled in Grade 8 must meet the pre-requisite requirements of passing their four core content courses with a minimum average of 65 in ELA, Math, Science and Social Studies.** Students who do not meet the pre-requisites may not move on to Grade 9 courses. Students may participate in a summer program specifically designed for academic skill building and remediation should they not meet the pre-requisite to move on to their freshmen year. Students who successfully complete this program will be eligible to move on to the Grade 9 level.

Credits for high school graduation will begin to accrue during a student's freshmen year. Students enrolled in Grade 8 and "place into" advanced courses will receive credits towards graduation. For the school year 2012-2013, the student must receive a passing grade in five (5) courses (totaling 5 credits) to be ranked as a sophomore. Ten (10) credits are required to be ranked as a junior. Fifteen (15) credits are required to be ranked as a senior. Twenty-two (22) credits are required for graduation.

Students who do not attain a Proficient score of 240 or higher on their Grade 10 ELA and Math MCAS exams will be required to complete an Educational Proficiency Plan and specific course work in the subject areas of ELA and Math in order to be eligible to earn their high school diploma. All students are *highly encouraged* to complete the recommended Massachusetts Department of Elementary and Secondary Education High School Core Program of Studies (MassCore.)

### CLASS LOAD

All students in Grades 8-12 must take a minimum of six periods of instruction per semester. In addition, each student must take physical education unless excused by a physician. If excused, an alternative assignment will be provided or physical education will have to be made up at a later date.

## GRADUATION REQUIREMENTS\*\*

GRADE 8 Students MUST pass the four core content courses with a minimum grade of 65 to be able to move onto Grade 9.

SUBJECT AREA (Grades 9-12)	CREDITS
English	4
Social Studies (2 credits in U.S. History)*	3
Mathematics+	4
Science	3
Physical Education/Health	1
Visual & Performing Arts++	1
Electives	6
<b>TOTAL</b>	<b>22</b>

\*Successful completion of U.S. History I & U.S. History II.

+Students who do not score a proficient score of 240 on the 10<sup>th</sup> Grade Math MCAS **MUST PASS a 4<sup>th</sup> year of Math.**

++Several Courses may satisfy the Visual & Performing Arts requirements. (Effective September 2009 – Students graduating in 2012 and beyond must earn 1 credit in the Arts.)

\*\*Note: *Graduation Requirements may be subject to change based on Massachusetts Department of Elementary and Secondary Education Guidelines, Federal Mandates related to No Child Left Behind and changes in school and/or district staffing.*

## SUGGESTED COURSEWORK FOR STUDENTS GRADE 9-12

<b>Massachusetts Recommended High School Core Program of Studies (MassCore)</b>	
English/Language Arts	4 credits
Mathematics	4 credits Including the completion of Algebra II or complete the Integrated Math equivalent. All students are required to take a math course during their senior year.
Science	3 credits of lab-based science
History/ Social Science	3 credits Including US History and World History
Foreign Language	2 credits Of the same language
Physical Education Health	As required by law <i>shall be taught as a required subject in all grades.</i>
Electives	6 credits Visual and Performing Arts, Career and Technical Education, Technology, or any of the subjects above
	<b>22 Total Credits</b>
Additional Learning Opportunities	Complete as many of the following as possible: <ul style="list-style-type: none"> <li>• Advanced Placement (AP)</li> <li>• Capstone or Senior Project</li> <li>• Dual Enrollment: courses taken for both high school and college credit</li> <li>• Online course for high school or college credit</li> <li>• Service Learning</li> <li>• Work-based Learning</li> </ul>

## EARLY GRADUATION

Within the elective curriculum at Drury High School it is possible for a student to complete high school requirements in less than four years. If a student desires early graduation, the following requirements must be fulfilled in the following manner. **Students must score proficient (240 or higher) on both their ELA and Math MCAS exams to be eligible for early graduation.**

1. A written request to the high school principal must be submitted by Sept. 8<sup>th</sup> in advance of the student's junior year. This must include:
  - A. A statement of approval from parent/guardian.
  - B. Plans for education/work in the year after completion date.
  - C. A written recommendation from your counselor concerning early graduation.
2. No incomplete grades or academic failures exist on your permanent record over the past two consecutive semesters.
3. Your current academic average for all semesters at Drury must be above 80.
4. If granted, all graduation requirements must be completed in full.
5. Student must pass the state graduation requirements.

## IMPORTANT NOTATIONS

1. The minimum number of courses a student must be enrolled in is six (6) for students in grades 8-12.
2. Some courses are designed as semester courses, however both Fall & Spring semester courses must be chosen at the time of registration. Full year courses usually grant one credit while semester courses usually grant one-half credit.
3. A separate elective sign-up sheet is supplied for Grades 8-9 and Grades 10-12
4. A course may be cancelled at the discretion of the high school principal and appropriate team leader/director.

## ELIGIBILITY FOR INTERSCHOLASTIC ATHLETICS

Students who wish to participate in interscholastic athletics should review the requirements as printed in the student handbook. If a student has questions, he/she should contact the athletic director or appropriate guidance counselor.

# School-to-Career

An overarching goal of Drury High School is to help prepare students for immediate academic success throughout their high school years, as well as preparing students for their future beyond high school. Our School-to-Career program is designed to aid students in the exploration of planning for life opportunities after their high school years. Such training includes preparing students for their future roles as:

- Citizens and leaders
- Community and family members
- Employees and business owners

The mission of School-to-Career is to give all students the academic, technical/technological and employability skills necessary to compete in higher education and high performance workplaces. The School-to-Career team is made up of faculty and staff who are committed to providing support, opportunities, and guidance to all students in exploring future career goals. Key components of the School-to-Career program offered through Drury High School include:

- Work-based learning plans
- Internships
- Job Shadowing
- Service Learning Projects
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During the scheduling process\* students should select courses which will enable them to prepare for their post-high plans (post-graduate program, entering the workforce, entering the military, two-year college, four-year college, etc.). **Career Pathways** is a broad category that encompasses numerous occupations or job titles sharing a common theme. This broad theme gives students a context for connecting what they are learning across a wide spectrum of academic subject areas. Thus, the common question asked by students, “*What does this have to do with my future?*” can be addressed.

Several programs and opportunities are available to students at Drury High School that further the objectives and goals of School-to-Career, such as **Connecting Activities**, **Berkshire Tech Prep** and **21<sup>st</sup> Century Careers**. Specific benefits of student involvement include:

- Establishment of relationships between students, worksites and Drury High School
- Exposure to activities that inform Juniors and Seniors of the vast opportunities available to them after Drury High School
- Basic Training and Career Exploration
- Preparation for a successful transition from high school to the work place and post-secondary education or training

## **College Courses at MCLA & BCC**

The Courtesy Program offered by MCLA affords qualified Drury High School students seeking further academic challenge an opportunity to earn MCLA College Credit by enrolling in selected courses for free. The student would take the course at no cost (other than books). Drury High School students who successfully complete an introductory college course at MCLA will also earn high school credit which can be applied towards their Drury graduation requirements.

### **A BRIDGE TO COLLEGE – Free College Credit Program offered by Berkshire Community College**

Berkshire County high school seniors, who are Massachusetts's residents, may enroll in one BCC credit course, free of charge, per semester. BCC will waive tuition and fees. Students will only pay for books and transportation. Students may take any course, at BCC's main campus, South County Center, or at McCann High School, including on-line offerings, for which they meet the pre-requisites. If the student does not meet the pre-requisite, the student may register for the class that is needed to meet the pre-requisite if space is available. Guidance counselor approval is required and a form needs to be filled out regarding course selection. Signatures are needed on the form from the student, parent/guardian, and guidance counselor.

The benefits of college courses through MCLA and/or BCC include:

- Earn college credit for no cost
- Enroll in a future college course that can be transferred to another school, or start on an MCLA/BCC degree
- Prepares students for the rigors of a college level class and environment
- Explore new opportunities in an academic field of their interest
- Strengthen student's high school transcript and college application

Program requirements:

- Must be a high school senior
- Minimum GPA of 3.0 for courses at MCLA
- Candidates for BCC must be students in good standing
- Guidance Counselor recommendation

For more information, contact your guidance counselor.

## **Service Learning**

Drury High School is a nationally recognized school in regards to being on the forefront of implementing Service Learning. Service Learning is utilized by many teachers and various programs as a valuable, meaningful way to deliver instruction and apply learning in a real-life context.

Service-Learning (S-L) is a method of teaching and a way of learning that engages students in the use of academic knowledge to meet real community needs through service activities connected to their curriculum. Community needs are continually addressed and S-L projects address a wide variety of needs including education, the environment, public safety, and human needs such as poverty and hunger.

The North Adams Public Schools has offered a comprehensive K-12 Service-Learning Program in the district and the North Berkshire County region since 1994, providing mentoring, technical assistance, professional development, transportation and mini-grant opportunities, as well as networking support with community partners. Drury High School has been recognized as a National Service-Learning Leader School in 1999.

The North Adams Public Schools (NAPS) adheres to the national models for best practices of high quality service-learning. The seven critical elements for quality service-learning include integrated learning, high quality service, collaboration, student voice and ownership, civic responsibility, reflection and evaluation. Teachers develop and implement curriculum-based S-L units with learner outcomes that reflect the Learning Standards of the Massachusetts Curriculum Frameworks.

The NAPS Service-Learning Program is supported in part by funds from the federal and state levels through the Department of Education Learn and Serve grants, and the Massachusetts Service Alliance.

## **Special Education**

All students at Drury High School shall be provided a quality, inclusive education that assures full and meaningful access to the general education curriculum. Inclusive education requires support services as needed, modified curriculum, accommodating special and regular education teachers and supportive parents working cooperatively with the school. High expectations for all students and a commitment to a specific set of learning goals and standards that are clear, understood, and implemented is the shared vision of the Drury High School Special Education Department. For more information, see the section in the Program of Studies entitled Transitional/Vocational Program.

Special Education services at Drury High School have been developed under the auspices of P.L. 94-142, Education for All Handicapped Children Act and Chapter 766, comprehensive Special Education Law of Massachusetts. Under these laws, students with special education needs are entitled to services and programs that will assist them in realizing their educational potential and improving their quality of life. It is the aim of this department to assist students in attaining their goals.

# **English Learner Education Program**

The North Adams Public School District offers an English Learner Education Program to students who qualify for the program at Drury High School. A sheltered English instruction/immersion program (SEI) is the model used to provide appropriate, quality education to students who are identified as Limited English Proficient (LEP). Drury High School is committed to provide high quality *and* equitable instruction to students with a first language other than English.

The mission of English Learner Education (ELE) is to prepare students to become competent learners, able to communicate successfully in English and in all aspects of their school academic life, by providing comprehensible Sheltered English Instruction.

For more information on the ELE Program, contact guidance.

## **On-Line Learning**

There are additional on-line learning opportunities at Drury High School including, but not limited to: Drury High School Moodle Modules, PLATO courses, etc. The opportunities serve a variety of purposes, such as: Course offerings, skills remediation/enhancement, credit recovery/advancement and so forth. To learn more, contact the Dean of Curriculum & Instruction and/or guidance.

# **COMPREHENSIVE HEALTH DEPARTMENT**

Comprehensive Health Education at the high school teaches the fundamental health concepts and skills to provide students with the knowledge necessary to empower them to change unhealthy habits and behaviors. Comprehensive Health Education is a collaboration of the components of Health Education, Physical Education and Family & Consumer Science.

## **Family & Consumer Science**

### **HE0600 FOODS I**

This course offers students the opportunity to learn principles of basic food preparation skills including basic nutrition, sanitation and safety, as well as reading and understanding directions in recipes. The student will become aware of the relationship between food choices, nutrition and good health. The student will be expected to work as a team member in the foods labs and other group activities.

Level: CP

Credit: 1

Course Length: Full Year

Course Type: Elective, open to students in grades **10, 11, 12**

### **HE0612 FOODS II**

Students will expand upon their knowledge of food preparation and skills learned in Foods I. Students will learn and practice principles of meal and menu planning and preparation including time management, preparation of food, proper serving and table manners. The students will also be introduced to the basics necessary to work in the food service industry by preparing and serving foods for various school related functions.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Successful completion of Foods I

Course Type: Elective, open to all students who have met the prerequisite

### **HE623 CHILD DEVELOPMENT & PARENTING**

Students in this course will benefit from information about growth and development, human needs and parenting skills. The student will study the stages of the family, pregnancy and birth as well as the developmental stages of children; the cognitive, physical, emotional and social development through preschool age. The goal of the course is to help the student understand himself or herself as well as children in order to improve parenting and/or child care skills.

Level: CP

Credit: 1

Course Length: Full Year

Course Type: Elective, open to students in grades **10, 11, 12**

# HEALTH

## HL0804 HEALTH SURVEY

This course is designed as an exploration of a wide variety of subjects that relate to young adults. We will examine these subjects through the use of lecture, discussions, videos, movies, hands on activities and projects. The following topics may be explored: 1. Anger management prevention program. 2. Sexual harassment issues. 3. Self esteem and peer leadership training. 4. Substance abuse issues. 5. Teen pregnancy issues. 6. Relationship issues. 7. Ethical issues. 8. Career exploration in health related fields. We may also explore other health related topics that are of interest to the students.

Level: CP  
Credit: 1/2 credit  
Course Length: Semester  
Course Type: Elective, open to students in grades **10, 11, 12**

# PHYSICAL EDUCATION

## PE806a GRADE 8 AND 9 PHYSICAL EDUCATION

Students will play games and complete exercise activities in which they will set personal and team goals while learning about lifelong fitness.

Level: CP  
Credit: .25 credit if student is in Grade 9  
Course Length: Quarter  
Course Type: Satisfies Required PE Component, open to students in grades **8 and 9**

## PE0803 TRADITIONAL SPORTS

Students will learn and play a variety of sports and games – both in teams and individually -- to see how these activities help enhance their fitness.

Level: CP  
Credit: .25 credit  
Course Length: Quarter  
Course Type: Satisfies Required PE Component, open to students in grades **10, 11, 12**

## PE0813 MEDIA FITNESS

Student will use a variety of media based fitness activities to improve general fitness.

Level: CP  
Credit: .25 credit  
Course Length: Quarter  
Course Type: Satisfies Required PE Component, open to students in grades **10, 11, 12**

### **PE0814 LIFELONG FITNESS**

Exploring a variety of personal fitness options and plan. Students will learn to develop a lifelong fitness plan based on interest and available options.

Level: CP

Credit: .25 credit

Course Length: Quarter

Course Type: Satisfies Required PE Component, open to students in grades **10, 11, 12**

### **PE0819 OUTDOOR ACTIVITIES AND GAMES**

Student will learn to play a variety of lawn games and other activities that promote an active lifestyle now and in the future.

Level: CP

Credit: .25 credit

Course Length: Quarter

Course Type: Satisfies Required PE Component, open to students in grades **10, 11, 12**

## **ENGLISH DEPARTMENT**

### **EN096 HONORS ENGLISH 8**

Honors English 8 provides an accelerated program of studies to prepare students for the Grade 8 ELA MCAS and develop skills suitable for the Pre-AP/Advanced Placement series of courses. Students will read a variety of texts independently and under the guidance of the teacher, including *A Midsummer Night's Dream*, *Dracula*, *Bound*, and *Animal Farm*. Writing for reflection and analysis will be emphasized in the course, and students will work toward a higher level of reading comprehension.

Level: H

Credit: Prerequisite for any English 9 course

Course Length: Full Year

Course Type: Required

### **EN097 ENGLISH 8**

Grade 8 English is designed to help students improve the language skills needed to be successful on the Grade 8 ELA MCAS and prepare for high school academic expectations. Students will read a variety of literature, including *A Midsummer Night's Dream*, *Dracula*, *Bound*, and *Animal Farm*. Academic foundations will include conventions of grammar and writing, as well as skill work with reading comprehension.

Level: CP

Credit: Prerequisite for any English 9 course

Course Length: Full Year

Course Type: Required

### **EN004 HONORS ENGLISH 9**

This is an accelerated course designed to help prepares students for rigorous work in the Pre-AP/Advanced Placement courses and college. Students analyze and evaluate the different forms of writing -- essays, poems, plays, short stories, and novels -- and work toward mastery of their own writing. Class activities will include discussion, projects, presentations, a wide variety of writing assignments, and extensive independent reading. Literature will include a wide range from *The Lovely Bones* to *Romeo and Juliet*.

Level: H

Credit: 1

Course Length: Full Year

Prerequisite: Completion of a Grade 8 English course

Course Type: Required

### **EN0005 ENGLISH 9**

This is a course designed to help students gain the communication skills necessary for college. It challenges the student to gain personal insight through the study of literature, stressing the analysis of basic literary types: essays, short stories, drama, novels, and poetry. In this course, students will develop skills in grammar usage, vocabulary enrichment, writing, speaking, and critical thinking. Class activities will include discussion, projects, presentations, a wide variety of writing assignments, and extensive reading. Literature will include a wide range from *Tears of a Tiger* to *Romeo and Juliet*.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of a Grade 8 English course

Course Type: Required

### **EN0008 PRE-AP ENGLISH 10**

Students will read one Shakespeare play and devote the rest of the year to the study of American literature from the 17<sup>th</sup> century through the 21<sup>st</sup>. This course prepares students for the rigorous demands of the Advanced Placement courses and the expectations of college. Students will read a variety of novels, such as *The Scarlet Letter* and *The Adventures of Huckleberry Finn* and study plays, poetry, short stories, and non-fiction essays and speeches from different literary eras. Writing is a major component of the program. Students will write essays and research papers throughout the year. They will also work on vocabulary enrichment. MCAS review will prepare students for that test with a goal of scoring at the Advanced level.

Level: H

Credit: 1

Course Length: Full Year

Prerequisite: Completion of a Grade 9 English course

Course Type: Required

### **EN0010 ENGLISH 10**

This course continues preparation for students who plan to go on to college. Students will study a comprehensive array of literature that will include short stories, poetry, and novels including *The Adventures of Huckleberry Finn* and *The Secret Life of Bees*, and drama like Shakespeare's *Julius Caesar*. Students will also write a variety of analytical essays and research papers. MCAS review will prepare students for that test with a goal of scoring at the Proficient level or above.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of a Grade 9 English course

Course Type: Required

### **EN0013 ADVANCED PLACEMENT LANGUAGE AND COMPOSITION**

The Advanced Placement English Language and Composition course is designed to help students become skilled readers of prose written in a variety of styles and to become skilled writers who compose for a variety of purposes. Students will work to become more aware of a writer's purposes, audience expectations, and subjects as well as the way style contributes to effectiveness in writing. Literature studied in this course includes *Hamlet*, *1984*, *Their Eyes Were Watching God*, *Catcher in the Rye*, and numerous works of non-fiction. Students will end the year by completing a multi-component project for the Junior Career Fair. In addition, students will practice writing timed essays and answering multiple choice exercises in class to prepare for the national AP English Language and Composition exam. **Taking the AP Language Exam in is an end-of-course requirement.**

Level: AP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of a Grade 10 English course

Course Type: Required

### **EN0014 ENGLISH 11**

This course continues preparation for students who plan to go on to college. Students will study a wide range of literature from authors such as William Shakespeare, George Orwell, Alice Walker, and Kurt Vonnegut. Students will work to develop college-level skills in reading, writing, and speaking, and they will prepare for the SAT with vocabulary study and practice test items. Students will end the year by completing a multi-component project for the Junior Career Fair.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of a Grade 10 English course

Course Type: Required

## **EN0020 ADVANCED PLACEMENT LITERATURE AND COMPOSITION**

In AP English Literature and Composition, students will be expected to read over fifteen full-length literary works, including *Invisible Man*, *The Kite Runner*, and *Macbeth*, along with dozens of short stories and poems over the course of the year. Throughout the year, students will write analytical and creative responses to assignments, increasing their ability to explain clearly, cogently, and elegantly what they understand about literary works, and why they interpret them as they do. At the end of the year, students will develop a multi-component project for the Senior English Festival. In addition, students will practice writing timed essays and answering multiple choice exercises in class to prepare for the national AP English Literature and Composition exam. Though not a requirement, successful completion of the Advanced Placement Language and Composition course would help better prepare students for this class. **Taking the AP Literature Exam in is an end-of-course requirement.**

Level: AP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of a Grade 10 or Grade 11 English Course (Taking Advanced Placement Language and Composition before this course is preferred, but not required.)

Course Type: Required

## **EN0022 ENGLISH 12**

This class is designed as a final preparation for college-level reading and writing. The literature includes a survey of English-language poetry and prose, starting with *Beowulf* and culminating in the study of contemporary world fiction. Full-length works students will read include *Macbeth*, *The Importance of Being Earnest*, *The Great Gatsby*, and *The Kite Runner*. Students will also explore contemporary arts and cinema and prepare a project for the Senior English Festival at the end of the year.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of a Grade 11 English course

Course Type: Required

# **FINE & PERFORMING ARTS DEPARTMENT**

## **ART**

### **AR581v INTRODUCTION TO ART: GRADE 8-9**

This course is an introduction to the basic elements and principles of art. The fundamentals of drawing and design elements, as well as an overview of careers in visual art will be explored.

Level: CP  
Credit: 1 if student is in Grade 9  
Course Length: Full Year  
Prerequisite: None  
Course Type: Elective – open to students in grades 8 and 9

### **AR0500 INTRODUCTORY ART**

This course is an introduction to the basic elements and principles of art. The fundamentals of drawing and design elements, as well as an overview of careers in visual art will be explored.

Level: CP  
Credit: 1  
Course Length: Full-Year  
Prerequisite: None  
Course Type: Elective – open to students in grades 10, 11, 12

### **AR514a DIGITAL PHOTOGRAPHY – Semester One,** **AR514b DIGITAL PHOTOGRAPHY – Semester Two**

This course will explore use of both digital cameras and scanners. Students will take images they record and alter or enhance them using Adobe photo-shop. Themes will be suggested and examples and critiques will be used to guide students into furthering their skills towards creating professional images.

Level: CP  
Credit: .5  
Course Length: Semester  
Course Type: Elective

### **AR0504 STUDIO ART**

With Introductory Art completed, this course offers instruction in further development of skills learned in Introductory Art. Each lesson or project will take the student into a deeper level of mastery and understanding of art terms, concepts, self critique and self exploration through art forms and media. Self- motivation and a genuine interest in Art are essential, as well as a mature attitude and work ethic. One drawing/sketch per week done outside of class is mandatory. The discovery of the student's favorite period and culture in Art History will be expressed in a short report and illustration representative of the period or the style of a particular artist. Participation in one or more school projects working as a team will be required and will vary year to year, (for example: Origin Mural Project in the Math/Science corridor, and various Service Learning projects when funds are available).

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Introductory Art/Instructor Permission

Course Type: Elective

### **AR 0503 ADVANCED ART**

With Introductory Art and Studio Art as background, this course offers instruction in advanced drawing, painting, ceramics and sculpture. This class can be taken for more than one year for credit. Repeating this class will replace Independent Art. The student's motivation to master skills, with an eye to developing a personal style and purpose in projects will be individually assessed. A brief report on a period in Art History, including how it developed as well as how it influenced the next period, will be required. Along with these goals, the student must develop a portfolio suitable for entrance into an art school program including at least 20 quality artworks by the end of the year, some of which develop a theme). With these goals in mind, each one will have to visit AT LEAST TWO museums or major galleries, and hand in ONE MAJOR sketch/drawing per week done outside of school. At least one school project done as a team will be included in the curriculum, (for example: Origin Mural Project in the Math/Science corridor, and various Service Learning projects when funds are available).

Level: CP

Credit: 1 – may be taken for credit more that once

Course Length: Full Year

Prerequisite: Introductory Art and Studio Art /Instructor Permission

Course Type: Elective

# MUSIC

## **MU0520 CONCERT/MARCHING BAND**

This is a course for wind and percussion instrumental students interested in developing their technical proficiency on at least one instrument. In addition to advancing their performance skills students will be expected to gain an aesthetic appreciation of music, in general, so that they may learn to become a functioning member of any musical ensemble. Students are also expected to contribute to the musical growth and pride of the school and community by participating in various functions such as concerts, football games, parades and assemblies. Evaluation of each student's academic grade includes listening assignments as well as participation in marching events, assemblies, concerts and other musical functions and individual performance on their instrument. Students will also be required to attend one group lesson per cycle, on a rotating basis so that individual help may be given to each student. Extra rehearsals will be required throughout the year prior to performances as needed.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Open enrollment – ownership of instrument is helpful but not required

Course Type: Elective

## **MU0521 CONCERT/MARCHING BAND**

This course is an extension of MU0520 and is designed for more serious, dedicated musicians. The class / ensemble meets at the same time as MU0520. Beyond the Standard Level Requirements of MU0520, students who elect MU0521 will be expected to complete additional requirements. These requirements include a “public performance”, a higher level of musical proficiency during lessons, performance exams, and scale tests. CP level band students are also required to successfully complete various levels of Music Theory on the “Auralia” computer software program as well as an additional listening assignment per year.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Students will be admitted to this section only with permission of the instructor

Course Type: Elective

## **MU0525 JAZZ COMBO**

This is a course designed to give instrumentalists a small group jazz ensemble experience and to broaden their knowledge and appreciation of the art of jazz. Various styles (swing, ballades, Latin, funk, rock) are studied and performed. A strong focus is placed on listening and developing improvisational skills. Enrollment is not limited by “traditional” big band instrumentation. Good attendance, self-improvement and motivation are essential in this course.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Students will be admitted to this course only with permission of the instructor

Course Type: Elective

### **MU0541 CHORUS**

Chorus is open to all students; no prior singing experience is needed. This course is designed to explore singing using a variety of musical literature. Classical, folk, jazz, pop and multi-cultural music will be performed. Basic vocal techniques, ensemble performance, music history and music theory are taught to enable the students to improve overall musical skills. Students are required to participate in some after school and evening performances.

Level: CP  
Credit: 1  
Course Length: Full Year  
Prerequisite: None  
Course Type: Elective

### **MU536 DRURY RADIO**

Students will learn basic principles of acoustics and recording science. The class is an introduction to Protools, Apple's GarageBand, and compositional software. Live sound reinforcement will be made via hands on projects during required after school and evening events.

Level: CP  
Credit: .5  
Course Length: Semester  
Course Type: Elective

### **MUS534 ADVANCED MUSIC RECORDING**

Students will develop advanced skills in recording science. After school and evening projects will be required.

Level: CP  
Credit: 1 \*\*\*\* Students may earn ½ credit additional upon successful completion of an internship that will occur outside of the school day  
Course Length: Full Year  
Prerequisite: Successful completion of Music Recording Technology I or Drury Radio or equivalent experience **and** approval of instructor  
Course Type: Elective

### **MU0550 LINE & FOLK DANCING**

Prior dance experience is not needed for success in this class. Many traditional folk dances and contemporary line dances will be taught. An emphasis will be placed on gaining lifelong physical fitness skills while enjoying the artistic expression of dance. The cultural roles of dance will be explored as well as choreography and the role of the choreographer. Students will have the opportunity to create dances.

This class is a Physical Education/Dance class and Physical Education credit can be earned through successful completion of this class. Numerical grades will be given for this class, not Pass/Fail grades. Students will not be allowed to take this class more than once.

Level: CP  
Credit: .5  
Course Length: Semester  
Prerequisite: None  
Course Type: Elective/ Physical Education Credit will be given for this class

### **MU0539 EXPERIENCING MUSIC**

This course is designed to be an experiential overview of all types of music with each student having the opportunity to explore musical styles of his/her own choosing. Rock, pop, hip-hop, country, classical, jazz, and multi-cultural music will be covered with a focus on listening and creating. Teacher-directed as well as student-directed activities will be included. No prior musical experience is necessary.

Level: CP  
Credit: .5  
Course Length: Semester  
Prerequisite: None  
Course Type: Elective

### **MU0538 BEGINNER GUITAR CLASS**

Beginning group instruction will be given on the guitar. Chord and melody playing will be covered as well as standard note reading, tablature reading and music theory. Students will play pop, rock, country, folk and classical music. No prior musical knowledge is necessary but all students must provide his/her own instrument and be willing to practice outside of class time. Students are required to participate in some after school and evening activities.

Level: CP  
Credit: 1  
Course Length: Full Year  
Prerequisite: **All students must own a guitar in working condition.**  
Course Type: Elective

### **TE787 ADVANCED TELEVISION PRODUCTION**

Television Production introduces the basic skills students need to enter the television production industry. This course provides an overview of the equipment, job responsibilities, and techniques involved in both studio production and remote location work. This course emphasizes the importance of vocabulary and the correct use of industry terms. Many of the student activities require teamwork reflective of the television industry.

Principles involving camera operation, picture composition, script writing, lighting, remote shooting, directing, and many other areas are discussed with both individual and group assignments. Individual, school, community, and regional projects will be assigned in an effort to provide diversity of program content. Participants will be encouraged to apply their skills and knowledge in the operation of the school television studio for the benefit of our school community.

Level: CP  
Credit: 1  
Course Length: Full Year  
Prerequisite: Completion of one semester of Television Production  
Course Type: Elective – Open to Grades 9-12

**TE786a TELEVISION PRODUCTION Semester 1**  
**TE786b TELEVISION PRODUCTION Semester 2**

This course is a general introduction to the basics of Television Production and the Television Industry. This course provides a basic overview of the equipment, job responsibilities, and techniques involved in both studio production and remote location work. Introductory activities involving camera operation, picture composition, script writing, lighting, remote shooting and directing will be covered in the course.

Level: CP  
Credit: .5 for students in Grade 9-12  
Course Length: Semester  
Prerequisite: None  
Course Type: Elective

## **THEATRE**

### **DR0519 THEATRE ARTS**

Theatre Arts at Drury examines many aspects of theatre history, dramatic criticism and stagecraft, but heavily emphasizes the basics of acting. The course includes lecture, monologue and scene work and productions ranging from one act plays to major productions. The Drama Team occasionally collaborates with the Music Department for production of musical plays. Students who commit to this course can expect to devote much after-school time to rehearsals and technical work on theatre productions. Drama Team plays have been staged at Drury High School, MASS MoCA and on the road in such states as Indiana, Nebraska, Vermont, New York and New Hampshire.

Level: CP  
Credit: 1  
Course Length: Full Year  
Prerequisite: Permission by Instructor Only  
Course Type: Elective

### **DR0529 HONORS THEATRE ARTS**

The course covers similar subjects as the regular theatre course in greater depth and requires more written and practical work from the student. A project will be required of the caliber expected at competition at the International Thespian Festival. The technical job will be more involved and more monologue work will be required than the regular theatre course. A paper in theatre history will be required.

Level: H  
Credit: 1  
Course Length: Full Year  
Prerequisite: Students must have received an "A" average in Theatre Arts in the previous Academic year or show unusual/exceptional promise. Permission by Instructor Only  
Course Type: Elective

# **FOREIGN LANGUAGE DEPARTMENT**

## **FL0408 FRENCH I**

This course is designed for the beginning student with little or no experience in French. The first year beginning student will learn French through the four major skills of language learning: speaking, listening and understanding, reading, and writing in the French language in order to begin forming a complete foundation. Emphasis is placed on the acquisition of meaningful French vocabulary and expressions as well as proper syntax to enable the student to communicate at the beginning level. The course is also intended to expose the students to cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the French-speaking world. The student will begin to realize more about their own language, as they begin to understand some of the linguistic similarities and differences in French.

To foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks, student activities include communicative exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, listening exercises, cultural readings, videos, activities designed to connect with other disciplines and programs to encourage community participation.

Level: CP

Credit: 1

Course length: Full year

Prerequisite: None

Course type: Elective

## **FL0410 FRENCH II**

This course is designed as a sequel to the French I course. The second year beginning student will continue practicing French through the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the French language in order to continue the formation of a complete foundation. Emphasis is placed on continuing the acquisition of meaningful French vocabulary and expressions as well as proper syntax to enable the student to communicate at the second year beginning level. The course is also intended to expose the students to cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the French-speaking world. The student will continue to learn more about their own language, as they understand some of the linguistic similarities and differences in French.

To continue to foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks, student activities include communicative exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, listening exercises, cultural readings, videos, activities designed to connect with other disciplines and programs to encourage community participation. At this level the student will also be expected to spend more of their time in class communicating in the target language.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: CP French I

Course Type: Elective

### **FL0416 FRENCH III**

This course is for the intermediate student who has passed French I and II. The third-year, intermediate student will learn French through the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the French language in order to form a complete foundation. Emphasis continues to be placed on the acquisition of meaningful French vocabulary and expressions as well as proper syntax to enable the student to communicate at the third-year intermediate level. The course is also intended to expose the students to cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the French-speaking world. The student will continue to learn more about their own language, as they understand more of the linguistic similarities and differences in French.

To foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks, student activities include communicative exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, listening exercises, cultural readings, videos, activities designed to connect with other disciplines and programs to encourage community participation.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: French I and French II

Course Type: Elective

### **FL0460 HONORS FRENCH III**

This course is designed as a sequel to the Honors French I and II and is for the intermediate student who has passed both previous Honors French courses. The third-year, intermediate student will learn French in an accelerated process through the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the French language in order to form a complete foundation. Emphasis continues to be placed on the acquisition of meaningful French vocabulary and expressions as well as proper syntax to enable the student to communicate at the third-year intermediate level. The course is also intended to expose the students to cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the French-speaking world. The student will continue to learn more about their own language, as they understand more of the linguistic similarities and differences in French.

To foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks, student activities include communicative exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, listening exercises, cultural readings, videos, activities designed to connect with other disciplines and programs to encourage community participation.

Level: Honors

Credit: 1

Course Length: Full Year

Prerequisite: Honors French I and French II

Course Type: Elective

### **FL0412 ADVANCED FRENCH (4 & 5)**

This course is designed to teach the intermediated student and the student moving towards the advanced level how to progress in their foreign language acquisition through the use of communication, literature and reading, writing, culture and geography, and media. Emphasis is placed on continuing the acquisition of meaningful vocabulary and expressions as well as proper syntax to enable the student to communicate at the intermediate level. Grammar is examined in greater depth. The course is also intended to continue to expose the student to the cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the French-speaking world, including the United States. The students will continue to learn more about their own language, as they understand more of the linguistic similarities and differences in French. Their progress in the foreign language acquisition will continue through the use of communication, literature and reading, writing, culture and geography, and media.

To foster the standards of the Foreign Language program and the Massachusetts Foreign Languages Curriculum Frameworks, student activities include communicative exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, listening exercises, cultural readings, videos, activities designed to connect with other disciplines and programs to encourage community participation. At this level, students expect to spend the class communicating in the target language.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: French III

Course Type: Elective

### **FL0422 SPANISH I**

This course is for the beginning student who has no experience in Spanish. The first year beginning student will learn Spanish through the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the Spanish language in order to begin forming a complete foundation. Emphasis is placed on the acquisition of meaningful Spanish vocabulary and expressions as well as proper syntax to enable the student to communicate at the beginning level. It is intended to expose the student to the cultural similarities and differences as well as to offer them the opportunity to cultivate an appreciation of the lifestyles of the people of the Spanish-speaking world including the United States. The student will begin to realize more about their own language, as they begin to understand some of the linguistic similarities and differences in Spanish.

To foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks student activities include communicative exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing and listening exercises, cultural readings and videos, activities designed to connect with other disciplines and programs to encourage community participation.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: None

Course Type: Elective

### **FL441 HONORS SPANISH II**

This course is designed as a sequel to the Honors Spanish I course. The second year beginning student will continue practicing Spanish at an accelerated rate through the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the Spanish language in order to continue the formation of a complete foundation. Emphasis is placed on continuing the acquisition of meaningful Spanish vocabulary and expressions as well as proper syntax to enable the student to communicate at the second year beginning level while preparing for the intermediate level. The course is also intended to continue to expose the student to the cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the Spanish-speaking world including the United States. The student will continue to learn more about their own language, as they understand more of the linguistic similarities and differences in Spanish.

To continue to foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks student activities include communicating exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, and listening exercises, cultural readings and videos, activities designed to connect with other disciplines and programs to encourage community participation. The student will spend more of their time in class communicating in the target language as well as manage a more rigorous homework load.

Level: Honors

Credit: 1

Course Length: Full Year

Prerequisite: 85 or better average in Honors Spanish I

Course Type: Elective

### **FL0423 SPANISH II**

This course is designed as a sequel to the Spanish I course. The second year beginning student will continue practicing Spanish through the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the Spanish language in order to continue the formation of a complete foundation. Emphasis is placed on continuing the acquisition of meaningful Spanish vocabulary and expressions as well as proper syntax to enable the student to communicate at the second year beginning level. The course is also intended to continue to expose the student to the cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the Spanish-speaking world including the United States. The student will continue to learn more about their own language as they understand more of the linguistic similarities and differences in Spanish. Continued acquisition of meaningful Spanish vocabulary and expressions and proper syntax will be emphasized to enable the student to communicate at the beginning level and prepare for the intermediate level.

To continue to foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks student activities include communicating exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, and listening exercises, cultural readings and videos, activities designed to connect with other disciplines and programs to encourage community participation. At this level the student will also be expected to spend more of their time in class communicating in the target language.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: CP Spanish I

Course Type: Elective

### **FL0426 SPANISH III**

This course is designed as a sequel to the Honors Spanish I and II for the intermediate student (section cut). The third year, intermediate student will continue, to learn at an accelerated level the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the Spanish language in order to continue the formation of a complete foundation. Emphasis continues to be placed on continuing the acquisition of meaningful Spanish vocabulary and expressions as well as proper syntax to enable the student to communicate at the third year intermediate level. The course is also intended to continue to expose the student to the cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the Spanish-speaking world including the United States. The student will continue to learn more about their own language, as they understand more of the linguistic similarities and differences in Spanish.

To foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks student activities include communicating exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, and listening exercises, cultural readings and videos, activities designed to connect with other disciplines and programs to encourage community participation.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Spanish I and Spanish II

Course Type: Elective

### **FL0442 HONORS SPANISH III**

This course is for the intermediate student who has two years of experience in Spanish. The third year, intermediate student will continue to learn the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the Spanish language in order to continue the formation of a complete foundation. Emphasis continues to be placed on continuing the acquisition of meaningful Spanish vocabulary and expressions as well as proper syntax to enable the student to communicate at the third year intermediate level. The course is also intended to continue to expose the student to the cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the Spanish-speaking world including the United States. The student will continue to learn more about their own language, as they understand more of the linguistic similarities and differences in Spanish.

To foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks student activities include communicating exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, and listening exercises, cultural readings and videos, activities designed to connect with other disciplines and programs to encourage community participation.

Level: Honors

Credit: 1

Course Length: Full Year

Prerequisite: Spanish I and Spanish II

Course Type: Elective

### **FL0428 SPANISH IV**

This course is for the intermediate student who has three years of experience in Spanish. The fourth-year, intermediate student will continue to learn the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing in the Spanish language in order to continue the formation of a complete foundation. Emphasis continues to be placed on continuing the acquisition of meaningful Spanish vocabulary and expressions as well as proper syntax to enable the student to communicate at the fourth-year intermediate level. The course is also intended to continue to expose the student to the cultural similarities and differences as well as to cultivate an appreciation of the lifestyles of the people of the Spanish-speaking world including the United States. The student will continue to learn more about their own language, as they understand more of the linguistic similarities and differences in Spanish. The student will be expected to use Spanish as communication at this level.

To foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks student activities include communicating exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, listening exercises, cultural readings, videos, activities designed to connect with other disciplines and programs to encourage community participation. At this level the student will also be expected to spend more of their time in class communicating in the target language.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Spanish I, II, & III

Course Type: Elective

### **FL0429 CP SPANISH V**

This course is designed for the advanced student who has passed Spanish I through Spanish IV. The four-year, advanced student will learn Spanish through the four major skills of foreign language learning: speaking, listening and understanding, reading, and writing. Emphasis continues to be placed on the acquisition of meaningful Spanish vocabulary and expressions as well as proper syntax to enable the student to communicate at an advanced level. The student will learn more about the culture and people through the reading and exploration of literary works. The course continues to expose the student to the cultural similarities and differences as well as to continue the cultivation of an appreciation of the lifestyles of the people of the Spanish-speaking world including the United States. The student will continue to understand more about their own language as they understand more of the linguistic similarities and differences in Spanish.

To foster the five standards of the Foreign Language Program and the Massachusetts Foreign Languages Curriculum Frameworks student activities include communicating exercises, co-operative learning, grammatical exercises, vocabulary usage, reading, writing, listening exercises, cultural readings, videos, activities designed to connect with other disciplines and programs to encourage community participation.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Spanish IV

Course Type: Elective

# 21<sup>st</sup> Century Careers

## **JB0616 EXPLORATORY CAREERS**

This half-year course intended for grade eight and nine students to begin the process of career exploration and job preparation services. Students will learn skills in areas of positive study skills, verbal and written communications, goal setting, decision-making and problem solving. Students will complete career research and identify occupational interests and desired lifestyle. Students are introduced to job attainment and job survival skills.

Level: CP

Credit: .5 if student is in Grade 9

Course Length: Semester

Course Type: Elective for Grade 8 and 9 students only

## **JB0659 CAREER SKILLS**

This half-year course is designed to help students develop skills and strategies needed to achieve lifelong goals, academic achievement and explore general career pathways. Class activities will promote: problem-solving, critical-thinking, communication, collaboration and leadership skills. Characteristics/qualities necessary for sustained employment including but not limited to punctuality, attendance, written/oral communication, personal productivity, etiquette, and responsibility will be explored and practiced.

Level: CP

Credit: .5

Course Length: Semester

Course Type: Elective – Open to students in Grade 10, 11, 12

## **JB0660 21<sup>st</sup> CENTURY CAREERS**

This full year school-to-career transition course provides academic and career counseling to students in need of personal and job preparation services. Students are taught career awareness skills, job attainment, job survival skills, as well as basic skills, through a competency-based curriculum.

Level: CP

Credits: 1

Course Length: Full Year

Course Type: Elective – Open to students in Grade 10, 11, 12

## **JB0795 ADMINISTRATIVE ASSISTANT**

This internship experience is designed for students to plan and execute tasks and projects in an office environment (Main Office, Dean of Students' Office or Copy Center). Students will gain practical, hands-on experience in problem-solving, critical-thinking, communication, collaboration and leadership skills. Characteristics/qualities necessary to maintain placement in this internship included but are not limited to punctuality, attendance, written/oral communication, personal productivity, etiquette, and responsibility.

Level: CP

Credits: .5

Course Length: Semester

Prerequisite: Completion of English 10 or the equivalent

Course Type: Elective – Open to students in Grades 11 and 12

### **JB07954 PEER MENTOR/CLASSROOM ADVISOR**

This internship is designed as an exploratory experience for students to gain a better understanding of a potential career pathway. Students will engage in daily, hands-on experience in a field of study, work with younger students and operate as an assistant to the classroom teacher. Open to Students in Grades 11 and 12, must be approved by Principal and Deans.

Level: CP

Credits: .5

Course Length: Semester

Prerequisite: Completion of English 10 or the equivalent

Course Type: Elective – Open to students in Grades 11 and 12

## **MATHEMATICS DEPARTMENT**

### **MA0136a MATH 8**

This course is designed for eighth graders who have average mathematical ability and need reinforcement of their basic mathematical skills. It is a continuation of curriculum offered in grades six and seven. Topics covered include decimals and integers, equations and inequalities, exponents, factors, and fractions, ratios, rates, and proportions, and percents. Recommendations from the Department of Elementary and Secondary Education and National Council of Teachers of Mathematics Frameworks are followed. Preparation for MCAS is a major consideration of all material presented. Eighth grade students who are advanced in mathematics will be enrolled in Algebra I Honors, or Algebra I.

Level: CP

Course Length: Full Year – Grade 8

Course Type: Required

### **MA0143 HONORS MATH 9**

This course is designed for college bound students with strong mathematical ability and it is academically challenging. The following topics will be included: sets, properties of real numbers, transforming and solving equations and inequalities, functions, relations, graphing, slope, systems of open sentences, polynomials and their factors, irrational numbers, quadratic equations, trigonometry, vectors, statistics, and probability. Higher levels of thinking, inductive and deductive reasoning, properties of points, lines and planes, triangles and polygons, along with their special properties, as well as congruency and similarity will be explored.

Level: H

Course Length: Full Year

Prerequisite: Teacher recommendation based on prior formative assessments

Course Type: Required

### **MA0142 MATH 9**

The following topics will be included: sets, properties of real numbers, transforming and solving equations and inequalities, functions, relations, graphing, slope, systems of open sentences, polynomials and their factors, irrational numbers, quadratic equations, trigonometry, vectors, statistics, and probability. Higher levels of thinking and understanding will be emphasized involving the structure of algebra, its postulates and theorems.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Passing eighth grade math or teacher recommendation

Course Type: Required

### **MA0149 MATH 10**

This course replaces Geometry and includes extending the Number System, Quadratic Functions and modeling, Expressions and Equations, Applications of Probability, Similarity, Right Triangle Trigonometry, Mathematical Proof, and Circles with and without Coordinates.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Students must have passed Math 9

Course Type: Required

### **MA 0150 HONORS MATH 10**

This course replaces Honors Geometry and includes extending the Number System, Quadratic Functions and modeling, Expressions and Equations, Applications of Probability, Similarity, Right Triangle Trigonometry, Mathematical Proof, and Circles with and without Coordinates.

Level: H

Credit: 1

Course Length: Full Year

Prerequisite: Teacher recommendation based on prior formative assessments

Course Type: Required

### **MA0155 ALGEBRA II**

This course is designed to enable the student to understand algebra as a study of the structure of real numbers, comprehend the function concept and its importance in mathematics, and acquire a facility in applying algebraic concepts and skills.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Geometry or Mathematics II with Mathematics Department Recommendation

Course Type: Required

### **MA0156 HONORS ALGEBRA II**

This course is aimed for students with high mathematical ability. The course is designed to cover, in depth, the content described in the course outline. It includes, but is not limited to, the number system, functions and relations, inequalities, and trigonometric relationships.

Level: H

Credit: 1

Course Length: Full Year

Prerequisite: Honors Geometry

Course Type: Required

### **MA0164 MATHEMATICS FOR COLLEGE (SK96)**

This course covers topics in Algebra II and is recommended for any senior who may need a review of Algebraic skills, a fourth year of math or who may have recently decided to attend college but has yet to enroll in a college preparatory math class while at Drury. Students entering Massachusetts state colleges and universities must take an entrance examination in mathematics (as well as reading and writing.) Those who do not meet set standards must complete a remedial math course prior to enrolling in a college level math course.

In collaboration with MCLA, DHS has created the opportunity for this flexible online course to be offered to seniors. Successful completion entitles students to high school credit, as well as three additive credits at MCLA for their course, titled "SKIL 096". With appropriate documentation of successful completion of MA0164 Mathematics for College (SK96), students may then enroll in a core mathematics course at MCLA.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Seniors Only by Math Department Recommendation

Course Type: Elective

Required\*\*\*\* By Administrative Approval Only

### **MA0158 TRIGONOMETRY AND FUNCTIONS**

This course is provided to those juniors or seniors who have passed Algebra II. The course studies various mathematical topics and the connections that exist among these topics. The course begins with the study of trigonometric functions and their graphs. It continues with the study of exponential and logarithmic functions, and conics.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Algebra II

Course Type: Elective

### **MA0159 HONORS TRIGONOMETRY**

This course includes the study of polynomial, rational, exponential, logarithmic and trigonometric functions. It places emphasis on the properties of functions, their transformations, and their application in modeling mathematical, social, business, and scientific phenomena and solving problems related to those situations.

Level: H

Credit: 1

Course Length: Full Year

Prerequisite: Algebra II

Course Type: Required

### **MA0162 ADVANCED PLACEMENT CALCULUS**

This course is intended to give the necessary background so students may take the College Board AP Calculus test which may grant college credit upon successful completion. Topics included will be derivatives and applications, the integral and applications, exponential, logarithmic, trigonometric functions and methods of integration. **Taking the AP Calculus Exam in is an end-of-course requirement.**

Level: AP

Credit: 1

Course Length: Full Year

Prerequisite: Students must have passed Algebra II, Pre-Calculus, or Trigonometry and Functions ,and have a serious interest in advanced mathematics.

Course Type: Elective – Satisfies 4<sup>th</sup> year math requirement

### **MA0163 ADVANCED PLACEMENT STATISTICS**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data: Describing patterns and departures from patterns, (2) Sampling and Experimentation: Planning and conducting a study, (3) Anticipating Patterns: Exploring random phenomena using probability and simulation, (4) Statistical Inference: Estimating population parameters and testing hypotheses. **Taking the AP Statistics Exam in is an end-of-course requirement.**

Level: AP

Credit: 1

Course Length: Full Year

Prerequisite: Students must have passed Math 9 or the equivalent and have an interest in advanced mathematics

Course Type: Elective – Satisfies 4<sup>th</sup> year math requirement.

## **SCIENCE DEPARTMENT**

All science courses and electives involve significant laboratory work and are considered to be "laboratory sciences" for the purpose of graduation. The DHS Science Department strongly recommends that those students who intend to pursue college studies in science complete Honors level courses in Biology, Chemistry, and Physics and complete one of more Advanced Placement science course.

### **SC280 HONORS SCIENCE 8**

Grade 8 Science is designed to prepare students to pass the Grade 8 Science MCAS and begin to prepare students for the Grade 10 Science, Technology and Engineering MCAS test.

Level: H

Credit: Prerequisite for Honors Earth Science

Course Length: Full Year

Course Type: Required

### **SC281 SCIENCE 8**

Grade 8 Science is designed to prepare students to pass the Grade 8 Science MCAS and begin to prepare students for the Grade 10 Science, Technology and Engineering MCAS test.

Credit: Prerequisite for Science in Grade 9

Course Length: Full Year

Course Type: Required

### **\*SC0214 HONORS BIOLOGY**

This course is designed for students who wish to pursue an in depth study of topics in the biological sciences. It is designed to exceed state curriculum requirements and challenge students' abilities. Students are expected to take responsibility for their own learning. This class will involve significant independent work and laboratory experimentation. It will prepare students appropriately for further studies in honors and college science. The culmination of this course is the state's MCAS biology exam.

Level: H

Credits: 1.25

Course Length: Full Year

Prerequisite: Completion of Grade 8 Science

Course Type: Required

### **SC0216 BIOLOGY**

The goal of this course is to provide students with an in depth analysis of the biological sciences that exceeds the Massachusetts curriculum requirements. Students will build knowledge from data collected through laboratory experimentation and various other sources. The culmination of this course is the state's MCAS biology exam.

Level: CP

Credits: 1

Course Length: Full Year

Course Type: Required

### **SC0213 HONORS CHEMISTRY**

This course is designed for students who wish to pursue an in depth study of chemistry. It is designed to exceed state curriculum requirements and challenge students' abilities. Students are expected to take responsibility for their own learning. This class will involve significant independent work and laboratory experimentation. It will prepare students appropriately for further studies in honors and college science.

Level: H

Credits: 1.25

Course Length: Full Year

Prerequisite: Completion of Biology or the equivalent

Course Type: Elective

### SC0210 CHEMISTRY

This course is designed for students pursuing general college preparatory studies. Its goal is to provide students with an in depth analysis of chemistry that exceeds the Massachusetts curriculum requirements. Students will build knowledge from data collected through laboratory experimentation and various other sources.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of Biology or the equivalent

Course Type: Elective

### SC0227 HONORS PHYSICS

This course is designed for students who wish to pursue an in depth study of physics. It is designed to exceed state curriculum requirements and challenge students' abilities. Students are expected to take responsibility for their own learning. This class will involve significant independent work and laboratory experimentation. It will prepare students appropriately for further studies in college science.

Level: H

Credit: 1

Course Length: Full Year

Prerequisite: Completion of Chemistry or the equivalent

Course Type: Elective

### SC0229 PHYSICS

This course is designed for students pursuing general college preparatory studies. Its goal is to provide students with an in depth analysis of physics that exceeds the Massachusetts curriculum requirements. Students will build knowledge from data collected through laboratory experimentation and various other sources.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of Chemistry or the equivalent

Course Type: Elective

### SC0250 ADVANCED PLACEMENT BIOLOGY

AP Biology is designed to provide students with a college level study of the biological sciences. It follows the national curriculum established by The College Board. Success on the AP Biology exam may permit students to undertake upper-level science studies as a first year college student. **Taking the AP Biology Exam in is an end-of-course requirement.**

Level: AP

Credits: 1.25

Course Length: Full Year

Prerequisite: Students must have passed either the MCAS Biology or MCAS Chemistry exams.

Course Type: Elective

## **SC0221 ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**

AP Environmental Science is designed to provide students with a college level study of the environmental sciences. It follows the national curriculum established by The College Board. Success on the AP Environmental Science exam may permit students to undertake upper-level science studies as a first year college student. **Taking the AP Environmental Science Exam in is an end-of-course requirement.**

Level: AP

Credits: 1.25

Course Length: Full Year

Prerequisite: Students must have passed either the MCAS Biology or MCAS Chemistry exams.

Course Type: Elective

## **SC0261a FORENSIC SCIENCE – Semester One,**

## **SC0261b FORENSIC SCIENCE – Semester Two**

Throughout the 21<sup>st</sup> century, technological advances have brought forth new and exciting opportunities for scientists and law enforcement officers alike. The new tools used by forensic scientists offer law enforcement officers additional clues, which may be of assistance in the investigation of a crime.

In this course students will learn the techniques used by forensic scientists to analyze evidence found at crime scenes. These techniques include dusting for fingerprints, analyzing ballistics, amongst others. Students will have the opportunity to research recent cases, which provide examples of the significance of forensics in criminal investigations. Various career paths in forensics will be explored, offering students the opportunity to explore specific fields of interest to them.

Level: CP

Credits: .5

Course Length: Semester

Prerequisite: Students must have passed either the MCAS Biology or MCAS Chemistry exams.

Course Type: Elective – Open to students in Grades 11 or 12

## **SC0232a HUMAN ANATOMY – Semester One,**

## **SC0232b HUMAN ANATOMY – Semester Two**

The most intricate machine in the world is the human body. This course is a survey of this incredible human machine and the careful interplay of its parts that make it possible for us to do everything from throwing a baseball, to knitting a sweater, to performing on a stage, to playing the guitar (or mandolin, or pennywhistle....)

The body's ability to adapt and change to maintain a nearly constant internal environment is one of the great secrets of its success. Throughout this course, students will develop an understanding of body form, function, and health. A better knowledge of the human body and how it works will afford students' the ability to critically evaluate information presented to them by health professionals and will allow them to make informed decisions about their own health and well-being.

Students will explore careers in health fields related to this knowledge such as physician and nursing assistance, dental technician, medical technology, and geriatric care.

Level: CP

Credits: .5

Course Length: Semester

Prerequisite: Students must have passed either the MCAS Biology or MCAS Chemistry exams.

Course Type: Elective – Open to students in Grades 11 or 12

**SC 270a ROBOTICS – Semester One,**  
**SC 270b ROBOTICS – Semester Two**

The global economy of the 21<sup>st</sup> century has created a demand for highly skilled, quick thinking professionals who can respond to the challenging environment of robotics engineering. This course will explore how robots are used in space as well as their valuable functions here on earth. It will allow students to develop many skills including mechanical design, computer programming, and electrical and electronic circuit technologies.

Students will build and diagnose problems on electronic circuit boards. Additionally, students will learn the basic principles of soldering, the proper use of electronic meters, basic direct current circuits, and the important role that automated machinery plays in our everyday life. Students will be provided the opportunity to explore careers in the fields of electrical, electronics, and robotic engineering.

Level: CP

Credits: .5

Course Length: Semester

Prerequisite: Students must have passed either the MCAS Biology or MCAS Chemistry exams.

Course Type: Elective – Open to students in Grades 11 or 12

## **SOCIAL STUDIES DEPARTMENT**

### **SS0318 HONORS/PRE-AP WORLD HISTORY I "Heroes and Villains" – Grade 8**

The Heroes and Villains course covers major developments in World History from 400 to 1700 CE. It will focus on major players who have shaped our history and the importance of geography. This course serves as an introduction to world cultures, explains the impact and importance of exploration, and explores various impacts of imperialism. The Heroes and Villains course will also compare and contrast different economic and political systems that exist throughout our world. Classroom activities will include, but are not limited to, research, mock trials, discussions and debates, the Collins method of writing, vocabulary enrichment, as well as interactive web-based activities. This course is designed for highly motivated students who wish to pursue Advance Placement courses in high school.

Level: H

Credit: Prerequisite for Grade 9 Social Studies

Course Length: Full Year

Course Type: Required

### **SS0319 COLLEGE PREP WORLD HISTORY I "Heroes and Villains" – Grade 8**

The Heroes and Villains course covers major developments in World History from 400 to 1700 CE. It will focus on major players who have shaped our history and the importance of geography. This course serves as an introduction to world cultures, explains the impact and importance of exploration, and explores various impacts of imperialism. The Heroes and Villains course will also compare and contrast different economic and political systems that exist throughout our world. Classroom activities will include, but are not limited to, research, mock trials, discussions and debates, the Collins method of writing, vocabulary enrichment, as well as interactive web-based activities.

Level: CP

Credit: Prerequisite for Grade 9 Social Studies

Course Length: Full Year

Course Type: Required

### **SS0327 HONORS/PRE-AP UNITED STATES HISTORY I**

This course explores the major developments in American history from 1763 to the end of Reconstruction (1877). It will provide students with a learning experience equivalent to that obtained in a college-level introductory United States history course. Students will improve their analytical skills by assessing historical materials for relevance to a given interpretive problem and weighing the evidence and interpretations presented in historical scholarship. Students will also develop those skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Level: H

Credit: 1

Course Length: Full Year

Course Type: Required

### **SS0326 UNITED STATES HISTORY I**

This course explores the major developments in American history from 1763 to the end of Reconstruction (1877). The primary areas of study will include the American Revolution, the formation and framework of American democracy, western expansion, the sectional conflicts leading up to the Civil War, and Reconstruction. This course will emphasize retention of material through written and verbal assessments. It is designed for highly motivated students who plan on attending college. Emphasis will be placed on preparation and development of skills necessary for college level work.

Level: CP

Credit: 1

Course Length: Full Year

Course Type: Required

### **SS0348 HONORS/PRE-AP UNITED STATES HISTORY II**

This course covers United States history from the Gilded Age to the present. Special attention will be devoted to the internal development of big business, the technology of the period, and the civil rights and social and political advancements of women and other minority groups in the country. The history and development of the United States as a world power in both economic and military theaters will also be examined. This will be accomplished through the use of the text, selected readings and various other media. This course is designed for highly motivated students with strong social studies skills. This course requires a significant amount of critical writing and reading of both secondary and primary sources. Class activities stress discussion, independent learning, and co-operative learning activities.

Level: H

Credit: 1

Course Length: Full Year

Prerequisite: Completion of U.S. History I or the equivalent

Course Type: Required

### **SS0349 UNITED STATES HISTORY II**

This course covers United States history from the Gilded Age to the present. Special attention will be devoted to the internal development of big business, the technology of the period, and the civil rights and social and political advancements of women and other minority groups in the country. The history and development of the United States as a world power in both economic and military theaters will also be examined. This will be accomplished through the use of the text, selected readings, and various other media.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: Completion of U.S. History I or the equivalent

Course Type: Required

### **SS0330 ADVANCED PLACEMENT WORLD HISTORY**

Advanced Placement World History is a college-level course offered through the College Board's Advanced Placement Program designed to help students develop greater understanding of the evolution of global processes and contacts and interactions between different types of Human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The chronological time frame is from 8000 BCE to the present. The course is divided into five units consisting of the following time periods and big picture ideas:

- Unit 1 - 8000 BCE to 600 CE - River Valley civilizations, Classical civilizations: Roman, Han and Gupta empires
- Unit 2 - 600 CE to 1450 CE - Rise and spread of Islam, Christianity, Nomadic Kingdoms, Indian and Chinese diplomacy
- Unit 3 - 1450 CE to 1750 CE - Columbian and hemispheric exchange, gunpowder empires
- Unit 4 - 1750 CE to 1914 CE - Imperialism, colonialism, and industrialization
- Unit 5 - 1914 CE to present - World War I, World War II, Cold War, de-colonization, and globalization

**Taking the AP World History Exam in is an end-of-course requirement.**

Level: AP

Credit: 1

Course Length: Full Year

Course Type: Required (May be taken as a Senior elective in specially-approved circumstances)

**SS0317 WORLD HISTORY II**  
**“Facing History & Ourselves”**

The Facing History and Ourselves course will examine racism, prejudice, and anti-Semitism in order to promote the development of a more humane and informed citizenry. Students study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They study the origins and consequences of the Industrial Revolution, 19th century political reform in Western Europe, and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including World War I, the Great Depression, World War II, the Cold War, and the Russian and Chinese revolutions.

Last, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. This course will emphasize retention of material through written and verbal assessments. It is designed for highly motivated students who plan on attending college. Emphasis will be placed on preparation and development of skills necessary for college level work.

Level: CP  
Credit: 1  
Course Length: Full Year  
Course Type: Required

**SS375 ADVANCED PLACEMENT EUROPEAN HISTORY**

This course examines European history since 1450 and introduces students to the cultural, economic, political, and social developments that played a fundamental role in shaping the world in which we live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. **Taking the AP European History Exam in is an end-of-course requirement.**

Level: AP  
Credit: 1  
Course Length: Full Year  
Course Type: Elective for Seniors (May replace Social Studies requirement for Grade 11 students in specially-approved circumstances)

**SS0346a SENIOR COLLEGE PREPARATORY SOCIOLOGY – Semester 1**  
**SS0346b SENIOR COLLEGE PREPARATORY SOCIOLOGY – Semester 2**

This course deals with the development of the scientific, systematic, fundamental study of sociology using modern and past events. This course will give the student a broad based understanding of sociology from both the personal and factual basis. This course will also engage students in understanding the local implication of sociology on a daily basis using Service Learning projects as a method of teaching and learning.

Level: CP  
Credit: 1/2  
Course Length: Semester  
Course Type: Elective for Seniors Only

### **SS373 THE AGE OF AQUARIUS - 1960s**

“Young or old, black or white, man or woman, Democrat or Republican, hawk or dove; one of the few things that most people will agree on when talking about the 1960s is that the world changed over the course of that decade. During those years, tensions were high, attitudes were strong and definite, people were divided about what they believed was right and wrong. On subjects as diverse as the war in Vietnam, women’s rights, civil rights, the environment, music, and the way people wore their hair, everyone had an opinion”. ( PBS.org) This course will explore the fascinating 1960s, one of the greatest eras of dissent, activism, and change in American History. Course activities will include discussion and writing based on readings, film, and of course...music. Students will also explore topics through independent research and projects. Due to the nature of some of the content, parent permission is required for this course.

Level: CP

Credit: 1

Course Length: Full Year

Course Type: Elective for Seniors Only

### **SS368 INTRODUCTION TO CRIMINAL JUSTICE**

This course is designed for those students who have an interest in pursuing a career in law enforcement at the city, state, or federal level. Students will have the opportunity to explore the three main component of the criminal justice system: law enforcement (police), adjudication (the courts), and corrections (jail, prisons, probation and parole.) Students will “investigate” the U.S. legal system by learning key ideas about the different kinds of laws and basic rights and the difference between civil law and criminal law. Through role play, students will participate in court case dramas and become familiar with the technical vocabulary utilized in a court of law. Guest speakers will be provided.

Level: CP

Credit: 1

Course Length: Full year

Course Type: Elective for Seniors Only

## **TECHNOLOGY & ENGINEERING DEPARTMENT**

### **Technology**

#### **TE0742 3D ENGINEERING DESIGN (CAD/CAM)**

While closely paralleling the Massachusetts Frameworks, solutions will be engineered to solve different assigned problems. Problems will be stated, goals set, constraints identified, solutions proposed, and one solution will be selected, developed, tested and revised. Three-dimensional CAD software will be used throughout the course to model various solutions. These models will be assembled and tested through the use of computer simulations. Students will need to perform research using the internet and should be confident with basic math skills. Any student thinking of pursuing a career in engineering should consider taking this course as most engineering schools require a similar course in the freshman year.

Level: CP

Credit: 1

Course Length: Full Year

Course Type: Elective

### **SC744 ENGINEERING THE FUTURE**

This course is designed to satisfy the Science, Technology, and Engineering MCAS requirement and is built around questions. As you build your technological literacy skills, you'll develop questions of your own, as well as increasingly complex answers to the following: What is technology? What do engineers do? What does an engineer need to know about math and science to develop new technologies? How do new technologies impact society? Learning about technology will help students participate more fully as a members of their community and citizens of the world. Becoming technologically literate is an exciting and challenging journey that will profoundly change students' perception of how the world operates and how they fit into the big picture. Students constantly reflect on how every new idea that you learn relates to their own experiences. The personal and professional choices one makes throughout life will ultimately shape the world for all of us. Indeed, you will engineer the future. This year-long course consists of four major units: Creators of the Designed World, Developing Sustainable Cities, Going with the Flow: Transportation & Energy Systems, Power to Communicate.

Level: CP

Credit: 1

Course Length: Full Year

Pre-requisite: Pass Grade 8 Science

Course Type: Elective

### **IA0741 CONSTRUCTION TECHNOLOGY**

This course will cover in-depth construction techniques, materials, tools and practices. Students will be expected to read and interpret construction prints. The State Building Code for 1 & 2 family houses will be covered. The local zoning and building permit applications process will be thoroughly discussed. Students will be expected to complete several full-scale construction projects while working in teams. Students will be expected to accurately estimate the costs of a variety of projects. Site visits, guest lectures and job shadowing experiences will be utilized where appropriate.

Level: CP

Credit: 1

Course Length: Full Year

Prerequisite: None

Course Type: Elective

# **TRANSITIONAL/VOCATIONAL PROGRAM**

Special Education services at Drury High School have been developed under the auspices of P.L. 94-142, Education for All Handicapped Children Act and Chapter 766, comprehensive Special Education Law of Massachusetts. Under these laws, students with special education needs are entitled to services and programs that will assist them in realizing their educational potential and improving their quality of life.

As outlined in Chapter 766 regulations, the special education program of each student is developed by a T.E.A.M. evaluation. At the T.E.A.M. meetings it is decided which program prototype category would best meet the needs of the student.

**Note: All programs are open to all students, but are available on a limited basis with entrance interviews required.**

## **FS0601 FOOD SERVICE**

Students participate in the setting up and preparation of the bagel bar in the school cafeteria. Students are exposed to food preparation, equipment operation and worker relationships.

Level: Standard  
Credit: 1  
Course Length: Full Year  
Course Type: Elective

## **PLTMAIN909/910/911 PLANT MAINTENANCE (Off Campus Site)**

Students in this program are exposed to the daily workings of the physical plant and its surroundings. Routine repairs, painting, building planning, grounds maintenance and woodworking are just a few of the activities offered daily.

Level: Standard  
Credit: .5, 1 or 2 credits - see information below  
Course Length: Full Year Course # 910, Half-Year Course #909  
Course Type: Elective

## **IN0765/766 Academic Advisory/Study Skills**

This course is designed to assist the student in developing study skills techniques. Those techniques will include how to study for tests, outlining, test taking strategies, memorization techniques, etc. This course is limited in number and requires teacher, parent recommendation and authorization of the Pupil Services High School Coordinator.

Level: Standard  
Credit: .5 (#765 = 1<sup>st</sup> Semester 9 & 10, # 766 = 1<sup>st</sup> Semester 11 & 12)  
Course Length: Semester (Offered both semesters)  
Prerequisite: Authorization by Coordinator of Pupil Services  
Course Type: Elective

### **IN0754/755 Academic Advisory/Study Skills**

This course is designed to assist the student in developing study skills techniques. Those techniques will include how to study for tests, outlining, test taking strategies, memorization techniques, etc. This course is limited in number and requires teacher, parent recommendation and authorization of the Pupil Services High School Coordinator. Students with educational plans only.

Level: Standard

Credit: 1 (#754 = 1<sup>st</sup> Semester 9 & 10, # 755 = 1<sup>st</sup> Semester 11 & 12)

Course Length: Full Year (Offered both semesters)

Prerequisite: Authorization by Coordinator of Pupil Services

Course Type: Elective for students on educational plans only

### **930 or 931 INTERNSHIP**

This course is for the self motivated student who is interested in a work experience in a particular career of interest. It will offer students, under the guidance and supervision of school and work site staff, an opportunity to gain insight into their career choice and its relationship to industry and career options. Students will be responsible for keeping a daily journal of their activities at the work site and will be evaluated jointly by school and work site staff. This course can be a full or half-year program. Upon request, students may complete an internship with a classroom teacher\*\*\* under the direction of DHS worksite staff and School-To Career Team. (\*\*\*) Formerly known as course # 913 & #915 Student Assistant.) Credits vary based on the number of periods at the work site. Credit Maximum is 2 credits. Juniors and Seniors Only.

***~STUDENTS MAY NOT BE ENROLLED IN STUDY HALL AND INTERNSHIP  
AT THE SAME TIME~***

Level: To be determined by Work Transition Coordinator

Credit: .5 credit to 2 Credits – determined by Work Transition Coordinator

Course Length: Semester or Full Year

Prerequisite: Parent and Administrative permission required. Interview with School-to-Career Team is Mandatory. Juniors and Seniors Only PER ADMINISTRATIVE APPROVAL & IN GOOD STANDING FOR MEETING GRADUATION REQUIREMENTS

Course Type: Elective – limited enrollment

### **502 RECREATIONAL ARTS & CRAFTS (Off Campus Site)**

Students work on projects either started in the woodshop or in the arts-n-crafts room. Painting, working with different materials to complete saleable items for the Off Campus Store. Enrollment is limited.

Level: Standard

Credit: .5

Course Length: Semester

Prerequisite: Authorization by Coordinator of Pupil Services

Course Type: Elective – limited enrollment.

### **HC0603 HORTICULTURE (Off Campus Site)**

Students learn how to plant, cultivate and maintain plants in a greenhouse environment, as well as outdoor garden beds and plots. Specific duties: planting seeds, transplanting, watering, fertilizing. Enrollment is limited.

Level: Standard

Credit: .5

Course Length: Semester

Prerequisite: Authorization by Coordinator of Pupil Services

Course Type: Elective – limited enrollment.

## **INDEPENDENT STUDY POLICY**

On rare occasions a student may participate in independent study. Independent study is designed for a student who is in good academic standing, exhibits high levels of self-motivation, responsibility, maturity, diligence and attention to details. A records review (attendance, grades, etc.) of the student's preceding years will also be taken into account when considering a student for Independent Study. This student shows he/she can be trusted to work on their own with limited supervision by a cooperating teacher. For a student to enter into independent study the student must work with a teacher to formulate in writing a course showing all the attributes normally associated with coursework at Drury High School. Final approval of the course will be granted by the Principal who will review the written application before any work can begin on the independent study course. Independent study is not designed for students to make up failed classes.

Independent study courses will normally be graded on a pass/fail basis. Students may receive a numerical grade if the following conditions are met.

1. Student requests in writing that they be graded numerically. This request must be received no later than three weeks from the start of class.
2. The teacher agrees in writing to the request.
3. The teacher and the student agree on specific criteria that the student will attain in order to receive a specific grade. These criteria may include but are not restricted to; tests, quizzes, projects, class participation and final exam. Appropriate rubrics will be attached.
4. The principal or his/her designee agrees.