

2026 - 2027

PROGRAM OF STUDIES

Dighton-Rehoboth Regional High School

2700 Regional Road

North Dighton, MA 02764

Dighton- Rehoboth Regional School District does not discriminate based on race, color, religion, gender, national origin, age, marital status, veteran status, disability, sexual orientation, gender identity, or any other legally protected group

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A MESSAGE FROM THE ADMINISTRATIVE TEAM

Welcome to our high school program of studies. As you embark on your journey towards graduation, we are thrilled to offer a wide range of courses and opportunities to help you achieve your academic and personal goals. Our program is designed to challenge and engage you while also providing the necessary skills and knowledge to prepare you for the next stage of your life whether that be college, career, military service, or other pursuits.

Our curriculum includes a variety of core subjects such as English, math, science, and social studies as well as elective courses in core content areas, unified arts offerings in drama and music, world languages, and STEM courses. As a comprehensive high school, we offer a range of career and technical education (CTE) courses that provide students with hands-on experience in fields including advanced manufacturing, automotive technology, carpentry, early childhood education, engineering, drafting, and design, marketing, and media studies. The CTE pathways lead to post-secondary opportunities in the trades as well as giving students a competitive advantage when applying to colleges.

In addition to our academic programs, we offer a variety of extracurricular activities and clubs that allow students to explore their interests and develop their leadership skills. We encourage all students to get involved and take advantage of these opportunities to enhance their high school experience.

We are committed to providing a safe and supportive learning environment where every student feels valued and respected. Our faculty and staff are dedicated to helping each student reach their full potential, and we are excited to work with you on this journey.

Thank you for considering our high school program of studies. We look forward to being part of your journey and to helping you achieve your goals.

Mr. Dustin Demers, Principal
Ms. Ashley Johnson, Assistant Principal
Dr. Victoria Amaral, Assistant Principal
Mr. Michael Strojny, Director of Career and Technical Education
Mr. Matthew McKinnon, Director of Athletics and Student Activities

Please note: The Program of Studies is a fluid document that is constantly changing based on the needs of students, available personnel, future budget implications, and other requirements of the high school.

ADMINISTRATION

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EQUAL EDUCATIONAL OPPORTUNITY

The Dighton-Rehoboth Regional School District complies with the following State and Federal Regulations:

TITLE I: Title I of the Americans with Disabilities Act of 1990 prohibits discrimination, exclusion from participation, and denial of benefits on the basis of disability in the areas of employment.

TITLE II: Title II of the Americans with Disabilities Act of 1990 prohibits discrimination, exclusion from participation, and denial of benefits on the basis of disability in the areas of educational programming and activities.

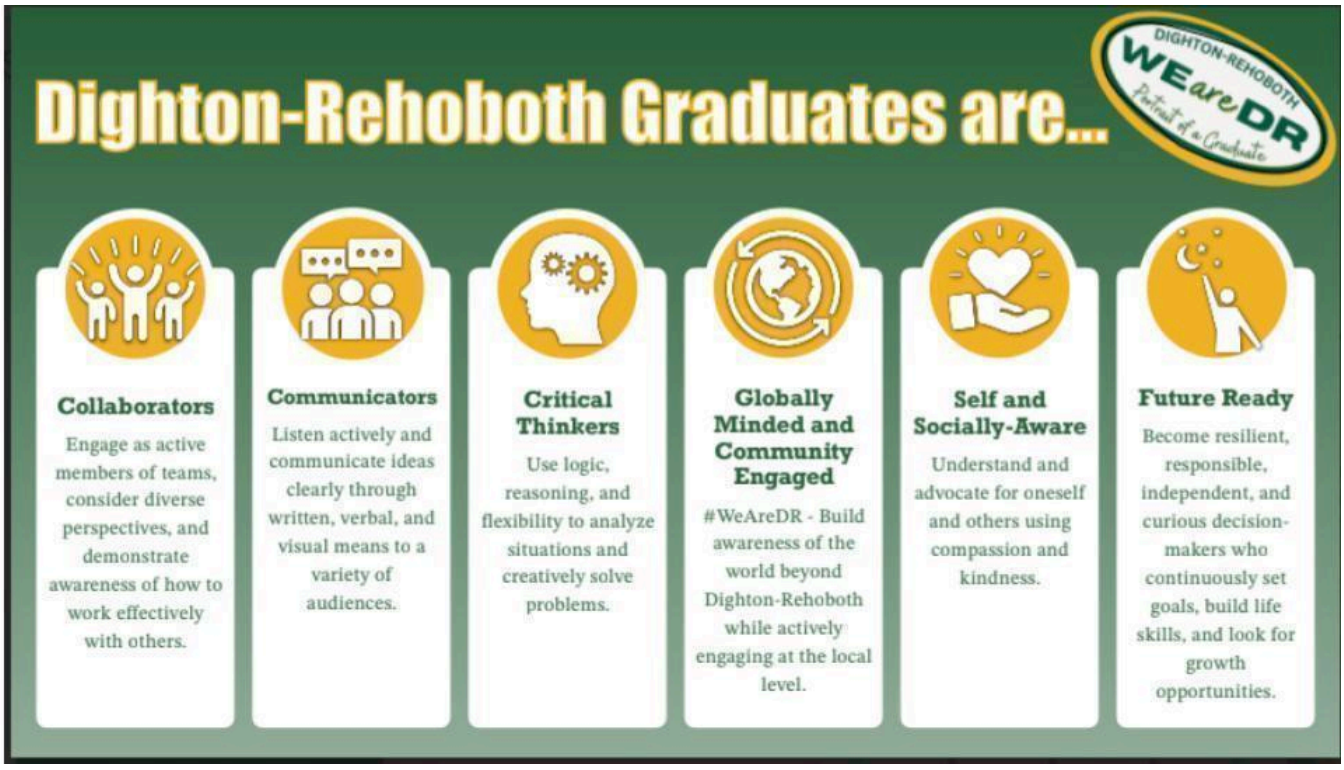
TITLE VI: Title VI of the Americans with Disabilities Act of 1990 prohibits discrimination, exclusion from participation, and denial of benefits based on race, color, and national origin.

TITLE IX: Title IX of the Education Amendments of 1972 prohibits discrimination, exclusion from participation, and denial of benefits in educational programs based on sex.

SECTION 504: Section 504 of the Rehabilitation Act of 1973 prohibits discrimination in all public schools on the basis of race, color, sex, national origin, religion, and sexual orientation.

PORTRAIT OF THE GRADUATE

The Portrait of the Graduate serves as the guiding vision of our district, outlining the desired characteristics and competencies students should develop by the time they graduate.



GRADUATION REQUIREMENTS AND CURRICULUM

*DRRHS follows MassCore Frameworks

SPECIFIC GRADUATION REQUIREMENTS INCLUDE A MINIMUM OF:

- 4 Units of English for 20 credits
- 4 years of Math for 20 credits
- 3 years of lab-based Science for 15 credits
- 3 Units of Social Studies for 15 credits
- 2 years of the same World or CTE Technical Language for 10 credits (recommended to have 3-4 years for certain colleges)
- Physical Education: For the Class of 2027 - 7.5 credits of Physical Education. For the Class of 2028 and beyond, students will be required to take 10 credits.
- 5 credits of Fine and Practical Arts (CTE program fulfills this requirement)

CURRICULUM–Dighton-Rehoboth Regional High School is the only comprehensive high school in the region. DRRHS offers a wide variety of courses at varying levels of rigor ranging from college prep, honors, AP (Advanced Placement) and Early College. As a comprehensive high school, DRRHS also offers a full array of Chapter 74 endorsed Career and Technical Education (CTE) options from which to choose, including: Advanced Manufacturing; Automotive Technology; Carpentry; Early Childhood Education; Engineering, Drafting, and Design; Marketing; and Media Studies. In addition to core curricular options, the DRRHS curriculum includes a wide range of visual arts courses, performing arts courses, and electives.

CHAPTER 74–In order to understand the advantages of choosing a comprehensive high school, one must understand Chapter 74. Massachusetts Association of Vocational Administrators (MAVA) offers the following explanation: Chapter 74 of the Massachusetts General Laws establishes the rules under which vocational technical education is run in Massachusetts.

SELECTION OF COURSES–The selection of courses should be a cooperative discussion between the student, parents, teachers, and a school counselor. At the forefront, however, are the needs, interests, abilities, and future goals of the student. Keeping this in mind, read the *Program of Studies*, select those courses that will meet the requirements of the student's post-high school objective, and develop a program of studies for the student for the year. Teachers provide students with their recommendations based on their knowledge of the student, the student's performance in the teacher's class, and the student's level of commitment to independent work. Remember, when a student chooses an Honors, Early College or AP level course, the student accepts responsibility for more independent study. Therefore, if a student decides not to follow the teacher's recommendation, the student must complete a Course Override Form and return the form to their guidance counselor prior to June 1st so the counselor will ensure that the student is scheduled correctly prior to the beginning of school in September.

BELL SCHEDULES

Bookmark

REGULAR SCHOOL DAY

Regular Day Lunch Schedule
1st lunch 10:19-10:49
2nd lunch 10:49-11:19
3rd lunch 11:19-11:49

Time	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
7:17-8:15 58 min.	Period 2	Period 1	Period 1	Period 1	Period 1	Period 1	Period 1
8:19-9:17 58 min.	Period 3	Period 3	Period 2	Period 2	Period 2	Period 2	Period 2
9:21-10:19 58 min.	Period 4	Period 4	Period 4	Period 3	Period 3	Period 3	Period 3
10:23-11:49 86 min.	Period 5	Period 5	Period 5	Period 5	Period 4	Period 4	Period 4
11:53-12:51 58 min.	Period 6	Period 6	Period 6	Period 6	Period 6	Period 5	Period 5
12:54-1:51 57 min.	Period 7	Period 7	Period 7	Period 7	Period 7	Period 7	Period 6

GRADE SCALE–The numerical average appears on the transcript as a letter grade:

A+	97-100		C+	77-79
A	93-96		C	73-76
A-	92-90		C-	70-72
B+	87-89		D+	67-69
B	83-86		D	65-66
B-	80-82		F	below 65

GRADE POINT AVERAGES–GPAs are calculated using the following scale factors:

COURSE LEVEL	WEIGHT
Early College	1.25
AP	1.25
Honors	1.10
College or Career Technical Education	1.0

PROMOTION REQUIREMENTS—Students must earn a minimum of 30 credits per year and must pass English and math full-year courses to be promoted to the next grade. All students must earn 120 credits to meet graduation requirements.

Early College Pathway-In Partnership with Bridgewater State University

Early College Cohort-Students enrolled in the Early College cohort have the opportunity to complete at least a semester of college before graduating from high school. Enrollment is contingent on meeting with the Early College Coordinator and School Administration.

Grade 9-Required Courses	**Grade 10-Required Courses**	**Grade 11-Required Course**	**Grade 12**
ENGL 101E Writing Rhetorically (Fall)	ENGL 251 Literary Themes (Fall)	COMM 102 Introduction to Public Speaking (Spring)	Student Choice aligned with major (Fall)
ENGL 144 Academic Strategies Colloquium (Fall - taken within the ENGL 101E period)	ENGL 252 Literary Types (Spring)	Early College Elective Choice (Fall)	Student Choice aligned with major (Fall)
ENGL 102 Writing Rhetorically with Sources (Spring)	HIST 221 United States History and Constitutions to 1865 (Fall)	Early College Elective Choice (Fall)	Student Choice aligned with major (Fall)
	HIST 222-United States History and Constitutions since 1865 (Spring)	Early College Elective Choice (Spring)	Student Choice aligned with major (Fall)
Early College Support Class (year)	Early College Support Class (year)	Early College Support Class (year)	Early College Support Class (year)
Early College Electives open to all students	**Early College Electives open to all students**	**Early College Electives open to all students**	**Early College Electives open to all students**
Grade 9-Electives	**Grade 10-Electives**	**Grade 11-Electives**	**Grade 12-Electives**
THEA 120 - Introduction to Acting	THEA 120 - Introduction to Acting	THEA 120 - Introduction to Acting	THEA 120 - Introduction to Acting
COMM 102 Introduction to Public Speaking	COMM 102 Introduction to Public Speaking	COMM 102 Introduction to Public Speaking	COMM 102 Introduction to Public Speaking
ENGL 199/198 Creativity and Writing	ENGL 199/198 Creativity and Writing	ENGL 199/198 Creativity and Writing	ENGL 199/198 Creativity and Writing

ENGLISH DEPARTMENT

COURSE SELECTIONS BY GRADE

	Grade 9	Grade 10	Grade 11	Grade 12
***Early College**	ENGL 101E -Writing Rhetorically 144-Academic Strategies Colloquium (Taken with 101E) ENGL 102E-Writing Rhetorically with Sources	ENGL251 Literary Themes ENGL 252 Literary Types		
***AP**	*N/A*	*N/A*	*English Language Composition*	*lish Literature and Composition*
***Honors**	*English 9-Honors*	*English 10-Honors*	*English 11-Honors*	*English 12-Honors*
***College Prep**	*English 9*	*English 10*	*English 11*	*English 12*
Early College Electives	Introduction to Public Speaking Introduction to Acting Creativity and Writing	Introduction to Public Speaking Introduction to Acting Creativity and Writing	Introduction to Public Speaking Introduction to Acting Creativity and Writing	Introduction to Public Speaking Introduction to Acting Creativity and Writing
Semester Electives	Journalism Drama Workshop I/II Advanced Theatre Arts-Honors Fall Advanced Theatre Arts-Honors Spring Language Skills Sports Literature Fall Sports Literature Spring Early College Support Class Fantasy Fiction	Journalism Drama Workshop I/II Advanced Theatre Arts-Honors Fall Advanced Theatre Arts-Honors Spring Language Skills Sports Literature Fall Sports Literature Spring Early College Support Class Fantasy Fiction	Journalism Drama Workshop I/II Advanced. Theatre Arts-Honors Fall Advanced Theatre Arts-Honors Spring Language Skills Sports Literature Fall Sports Literature Spring Early College Support Class Fantasy Fiction	Journalism Drama Workshop I/II Adv. Theatre Arts-Honors Fall Advanced Theatre Arts-Honors Spring Language Skills Sports Literature Fall Sports Literature Spring Early College Support Class Fantasy Fiction

**Italics* denotes courses that count toward English graduation requirements.

COURSE OFFERINGS

The English Department offers courses that develop students' reading, writing, and speaking abilities. To be literate in the 21st century, students must be adept at analyzing challenging print and non-print texts. The range of activities and assignments in English courses strives to prepare students to be knowledgeable and contributing members of society.

Grade 9-Core Courses

1010 English 9 (9)

College Prep—5 credits

This introductory course will prepare students in all areas of the study of English including fiction, nonfiction, composition, grammar, vocabulary development, and speech. Students will have an opportunity to hone advanced compositional techniques, speaking proficiency, and analytical, listening, and research skills through the study of major works. Summer reading is required.

1020 English 9-Honors (9)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in English 8-Honors or minimum grade of 90 in English 8.

This introductory course to the honors program will prepare students in all areas of the study of English including literature, short story, the novel, mythology, poetry, drama, nonfiction, composition, grammar, vocabulary development, and speech. Students will have an opportunity to hone advanced compositional techniques, speaking proficiency, and analytical and listening skills through the study of major works. Students in honors courses assume a workload that requires a high degree of independence and motivation. Summer reading is required.

Early College-AP weight

Students enrolling in these courses must apply to the early college program.

ENGL 101E - Writing Rhetorically

(5 credits from DR and 3 credits from Bridgewater State University)

Co-requisite: Students enrolled in ENGL 101E must also enroll in the co-requisite course ENGL 144

By intensive practice in composing persuasive texts, writers explore various techniques for discovering, developing, and organizing ideas in relation to rhetorical context. Special attention is given to developing an effective writing process and an awareness of the relationships among text, audience, and purpose.

ENGL 144 - Academic Strategies Colloquium

(1 credit from DR and 1 credit from Bridgewater State University)

Corequisite: ENGL 101E

Under faculty supervision, students acquire strategies such as reading texts, developing thesis into argument and integrating opinion into argument, which will enhance their success in the corequisite course. Successful completion of ENGL 144 requires successful completion of the corequisite ENGL 101E.

ENGL 102 - Writing Rhetorically with Sources

(5 credits from DR and 3 credits from Bridgewater State University)

Prerequisite: ENGL 101
Continuing to develop knowledge of persuasive writing and rhetoric, the writer learns and practices various approaches to conducting research and to integrating the ideas of others into one's own text. Emphasis is on writing longer and more substantive texts that incorporate a variety of sources.

Grade 10-Core Courses

1110 English 10 (10)

College Prep—5 credits
Recommended prerequisite: Must have passed English 9 or English 9 Honors.
This sophomore course provides continued study in these areas of English: literature, composition, related grammar, and vocabulary development as well as speaking and listening skills. Students will practice research skills. Summer reading is required.

1120 English 10-Honors (10)

Honors—5 credits
Recommended prerequisite: Minimum grade of 80 in English 9-Honors or minimum grade of 90 in English 9.
This course will provide preparation in these areas of English study: literature, composition, related grammar, vocabulary development, and speech. The course explores the novel, short story, poetry, and drama. Research is a component of this class. Students in honors courses assume a workload that requires a high degree of independence and motivation. Summer reading is required.

Early College-AP weight

ENGL 251- Literary Themes

(5 credits from DR and 3 credits from Bridgewater State University)
Prerequisite: ENGL 102
Major literary texts are examined from the perspective of a common theme. In a given semester the course might concern itself with love, the family, madness, law, nature (as examples of particular themes) to illustrate how writers from diverse cultures and/or historical periods working with different genres shape imaginative responses to enduring themes.

ENGL 252-Literary Types

(5 credits from DR and 3 credits from Bridgewater State University)
Prerequisite: ENGL 102
Major literary texts are examined from the perspective of one genre or type and focus in a given semester on the novel, drama, poetry, short story and biography. Works from diverse cultures and/or historical periods will be used to illustrate how conventions of type or genre shape a writer's discourse. Repeatable for different topics.

Grade 11-Core Courses

1210 English 11 (11)

College Prep—5 credits
Recommended prerequisite: Must have passed English 10 or English 10-Honors.
This course focuses on the study, analysis, and comparison of American literature through a thematic lens. In addition to the selected readings, vocabulary and grammatical principles are included in the course of study. Students will be provided with the opportunity to gain experience in reading, writing, speaking, and critical thinking while studying a range of

literary works representative of our society. A research paper is completed in the course. Summer reading is required.

220 English 11-Honors (11)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in English 10-Honors or minimum grade of 90 in English 10.

This course focuses on the study, analysis, and comparison of American literature. Students will examine a variety of literary works through a thematic lens. In addition to the selected readings, vocabulary and grammatical principles are included in the course of study. Students will gain experience in reading, writing, speaking, listening, and language while studying a range of literary works representative of our diverse society. A research paper is completed in the course. Students in honors courses assume a workload that requires a high degree of independence and motivation. Summer reading is required.

1230 AP English Language and Composition (11)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 80 in English 10-Honors or minimum grade of 90 in English 10

The AP Language and Composition course focuses on reading, analyzing, and writing effectively and persuasively on a variety of non-fiction texts including essays, speeches, and articles across numerous periods and cultural contexts. Students will engage in close reading in order to analyze context, message, purpose, and audience in order to produce fruitful writing in three major areas: rhetorical analysis, argument, and synthesis. Effective writing and communication will be improved through the study of rhetorical terms and modes, coupled with sentence structure and grammar. This course is paced and runs parallel to that of a college level course. Students should expect to read, write, and speak on a daily basis as this course will prepare students for the AP Language and Composition Exam. Students in AP courses assume a workload that requires a high degree of independence and motivation. Summer reading is required and students will complete a research paper.

Grade 12-Core Courses

1310 English 12 (12)

College Prep—5 credits

Recommended prerequisite: Must have passed English 11 or English 11-Honors.

This course considers the thematic presentation of British and World literature. The course provides students with the opportunity to gain experience in reading, writing, speaking, and critical thinking while studying a range of literary works. Students will also be required to complete a research paper. Summer reading is required.

1320 English 12-Honors (12)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in English 11-Honors or AP English Language and Composition, or minimum grade of 90 in English 11.

This course considers the thematic presentation of a variety of British and World literature. The course provides students with the opportunity to gain experience in reading, writing, speaking, and critical thinking while studying a range of literary works. Students will also be required to complete a research paper. Students in honors courses assume a workload that requires a high degree of independence and motivation. Summer reading is required.

1330 AP English Literature and Composition (12)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 80 in English 11-Honors or AP English Language and Composition, or minimum grade of 90 in English 11.

"The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. The AP English Literature and Composition course aligns to an introductory college-level literature and writing curriculum. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences" (from *The AP® English Literature and Composition Course and Exam Description).* Students will complete a research paper.. This course requires students to be responsible for an amount of work outside of class akin to that of a college course. This course will prepare students for the AP English Literature and Composition exam. Students in AP courses assume a workload that requires a high degree of independence and motivation. Summer reading is required.

SEMESTER COURSE OFFERINGS

Early College Electives-These elective courses are offered through a partnership between DRRHS and BSU. Students receive credit from DR and BSU.
AP Weight

COMM 102- Introduction to Public Speaking-AP weight

College Course- 2.5 credits from DR and 3 credits from Bridgewater State University.

This course is an introduction to the practical skill of public speaking. It will emphasize the basic principles of research, organization, and delivery in the construction of effective public presentations. Civic aspects of public speaking will also be addressed with attention to critical listening and evaluation of public communication.

THEA 120 Introduction to Acting-AP weight

College Course- 2.5 credits from DR and 3 credits from Bridgewater State University

This course is an introduction to and provides practice in the various components of stage acting through an exploration of self-awareness, vocal and physical concerns of the actor, basic acting theory, characterization, script analysis, as well as scene and monologue performances. Theatre attendance is required.

ENGL 199 Creativity and Writing- AP weight

College Course- 2.5 credits from DR and 3 credits from Bridgewater State University

Creativity and Writing is a welcoming, challenging course for young writers to find inspiration, harness imagination, and experiment with all genres: poetry, fiction, creative nonfiction, and playwriting. As a community of writers, we will read diverse mentor texts, collaborate in writing workshops and other activities, and celebrate our writing with in-class special events, such as our Poetry Café and Ten-Minute Play Festival. We will also individualize our writing journeys by selecting from a broad menu of exercises, prompts, supplementary resources, and

assessments. The culmination of this course is a student-designed writing project and digital writing portfolio.

Early College Support Class
5 Dighton-Rehoboth Credits per year, college prep weight
Must have completed or be currently enrolled in ENGL 101E.

This year-long support class helps students build the academic, college-planning, and life skills needed for success in high school and beyond. Delivered in partnership with BSU, the course combines targeted academic services—including academic coaching, content tutoring, math support, multilingual tutoring, and writing help—with explicit skill-building in time management, note-taking, reading strategies, organization, and stress management.

Students will also receive guided college and career planning: staff will facilitate MyCAP development, college applications, FAFSA completion, career advising, internship exploration, and course scheduling. Through small-group sessions, one-on-one coaching, and practical workshops, learners will set personalized goals, track progress, and graduate the class with stronger study habits, improved course performance, and a clear plan for postsecondary transition.

Semester Elective Course Offerings

1415 Journalism (9-12)

College Prep—2.5 credits
In this course, students will develop many of the real-world skills used by 21st century journalists. Students will analyze and discuss current issues and events, write articles on topics of personal and community relevance, and learn the basics of online publishing. Students will also examine the history, laws, and ethics of American journalism, focusing particularly on how advancements in technology impact the field of journalism.

1417 Drama Workshop I/II (9-12)

College Prep—2.5 credits
Topics studied in this course are acting, technical design, directing, producing, and theater history. Students also analyze professional productions. This class is for students new to theatre as well as experienced students. Students explore topics at various degrees of depth depending upon their interests and experience. Students also learn a monologue and create a design portfolio. This course counts toward the art requirement for graduation. Enrollment in Drama Workshop II is by instructor permission only.

1419 Advanced Theatre Arts-Honors Fall (9-12)
1420 Advanced Theatre Arts-Honors Spring (9-12)

Honors—2.5 credits
Recommended prerequisite: Minimum grade of 90 in Drama Workshop or a performance in one production of the DRRHS Theatre Company. Or successful completion of Introduction to Acting. Students who maintain an average of 90 may take this course more than once.
This course is designed for students who wish to continue to study and develop their knowledge of theatre arts at an advanced level. Through the applied study of advanced acting and directing, students will focus on the study and production of monologues, scenes, and one act plays. Students have the opportunity to refine their own interests in theatre by conceptualizing and producing their own work. To further hone their skills, students will also have the opportunity to work with professional artists in the field of theatre. This class

produces a performance. In addition, students relate theatre with societal, cultural, and historical concepts. Finally, students discuss and critique performances and issues facing contemporary theatre. Students will add to their portfolio of work to demonstrate their development as an artist. This course may be taken for credit more than once and also counts toward the art requirement for graduation. Students in honors courses assume a workload that requires a high degree of independence and motivation.

1409 Language Skills (9-10)
Pass/Fail 2.5 credits
Using both fiction and non-fiction, students will practice close reading skills to gain an enhanced understanding of text. Active reading will be stressed as students study both teacher-selected and student-selected titles. In addition, there will be an emphasis on the reading/ writing connection This class affords students the opportunity to improve reading and writing skills. This class can be taken more than once for credit and is recommended for students who need additional support with reading comprehension. This class can be taken more than once.

1125 Sports Literature (9-12)
College Prep—2.5 credits each
Since ancient times, people have enjoyed not only playing and watching sports but also telling stories about the sports they love–stories of inspiring victories, heartbreaking defeats, unforgettable lessons, and unbreakable bonds. In this course, we will read a diverse sampling of fiction and nonfiction sports literature, learn more about the sports and athletes we admire, and reflect on the impact of sports on our lives. All students are welcome to join this course; no athletic experience or prior knowledge is required. This course may be taken twice for credit (once in the fall semester and once in the spring semester).

1225 Fantasy Fiction (9-12)
College Prep—2.5 credits
Step into realms of imagination where science fiction and fantasy collide. From epic quests and futuristic worlds, to heroes, villains, and moral dilemmas, students will analyze the rich history and themes of the fantasy and science fiction genres. The course emphasizes critical thinking, reading, writing, teamwork, and creativity. All students are welcome to take this course; no prior knowledge about science fiction or fantasy required.

MATHEMATICS DEPARTMENT

COURSE SELECTIONS BY GRADE

	Grade 9	Grade 10	Grade 11	Grade 12
Honors (AP)	*Geometry-Honors*	*Algebra II-Honors*	*Pre-Calculus-Honors* *AP Statistics*	*AP Calculus* *AP Statistics*
Honors	*Algebra I-Honors*	*Geometry-Honors* *Algebra II-Honors*	*Algebra II-Honors* *Pre-Calculus-Honors*	*Pre-Calculus-Honors* *Calculus-Honors* *AP Calculus* *AP Statistics* *Statistics*
College Prep	*Algebra I*	*Geometry* *Algebra II*	*Algebra II Concepts* *Algebra II* *Pre-Calculus*	*Advanced Algebra & Trigonometry* *Financial Math* *Pre-Calculus* *Calculus* *AP Statistics* *Statistics*
Electives		AP Computer Science Principles	AP Computer Science Principles	AP Computer Science Principles

**Italics* denotes courses that count toward Math graduation requirements.

Students doubling up with Algebra II and Geometry, in the honors sequence, are recommended to take **Algebra II-Honors** with either Geometry-Honors or College Prep Geometry to be best prepared for Pre-Calculus- Honors and AP Calculus.

Mass Core requires the following courses to be successfully completed in order to earn a high school diploma: Algebra 1, Geometry, Algebra 2, and a fourth year of math.

Students may double up with Algebra II and Geometry; Pre-Calculus and Statistics; or Calculus and Statistics.

COURSE OFFERINGS

The Mathematics Department encourages and provides students with the opportunity to use a variety of methods to analyze and solve problems efficiently by applying mathematical concepts to solve problems that incorporate “real-world” applications. Focus is placed on solving problems graphically, numerically, and algebraically utilizing appropriate tools.

The TI 83/84 family of graphing calculators is strongly recommended for all college prep classes and is required for all honors and AP classes.

2010 Algebra I (9)

College Prep—5 credits

Recommended prerequisite: Must have passed Eighth Grade Math.

This course will engage students in the study of linear functions, equations and inequalities, systems of equations and inequalities, quadratic functions, exponential functions, polynomials, rational expressions, probability, and data analysis. Students will utilize these functions understudy to model "real world" applications. Problem-solving activities and applications will allow students to model patterns and relationships with variables and functions. The TI 83/84 graphing calculator will be utilized to enhance the exploration of functions, to develop problem solving skills, and to explore alternative methods of obtaining solutions. **The TI 83/84 graphing calculator is strongly recommended.**

2020 Algebra I-Honors (9)

Honors—5 credits

Recommended prerequisite: Minimum grade of 70 in Eighth Grade Enhanced Math or minimum grade of 90 in Eighth Grade Math.

Algebra I-Honors is recommended for the highly motivated, self-directed, and responsible student with the ability to learn in an accelerated environment. This course will engage students in the study of linear functions, equations and inequalities, systems of equations and inequalities, quadratic functions, exponential functions, polynomials, rational expressions, probability, and data analysis. Students will utilize these functions understudy to model "real world" applications. Problem solving activities and applications will allow students to model patterns and relationships with variables and functions. The TI 83/84 graphing calculator will be utilized to enhance the exploration of functions, to develop problem solving skills, and to explore alternative methods of obtaining solutions. Students in honors courses assume a workload that requires a high degree of independence and motivation. **The TI 83/84 graphing calculator is strongly recommended.**

2110 Geometry (10)

College Prep—5 credits

Recommended prerequisite: Must have passed Algebra I or Algebra I-Honors.

Students will examine the methods of geometric proofs, deductive reasoning, spatial relationships, and analytic geometry. Students will engage in problem solving that involves parallel lines, congruent triangles, right triangles (including special right triangles and right triangle trigonometry), similarity, quadrilaterals, areas, circles, coordinate proofs, and volumes of solids. Constructions of geometric figures will be explored using geometric tools as well as The Geometer's Sketchpad Software. This course also includes a great deal of algebra in order to reflect the Common Core Curriculum of approaching geometry from an algebraic perspective.

2520 Geometry-Honors (9-10)

Honors—5 credits

Recommended prerequisite: Minimum grade of 87 in Algebra I-Honors or minimum grade of 90 in Algebra I.

Geometry-Honors is recommended for the highly motivated, self-directed, and responsible student with the ability to learn in an accelerated environment. Students will examine the methods of geometric proofs, deductive reasoning, spatial relationships, and analytic geometry. Students will engage in problem solving that involves parallel lines, congruent triangles, right triangles (including special right triangles and right triangle trigonometry), similarity, quadrilaterals, areas, circles, coordinate proof, and volumes of solids. Constructions

of geometric figures will be explored using geometric tools as well as The Geometer's Sketchpad Software. This course also includes a great deal of algebra in order to reflect the Common Core Curriculum of approaching geometry from an algebraic perspective. Students in honors courses assume a workload that requires a high degree of independence and motivation.

2812 Algebra II Concepts (11)

College Prep—5 credits

Recommended prerequisite: Maximum grade of 70 Algebra I

This course will focus on the key topics that provide a strong foundation in algebra. It is designed for those students who may need reinforcement in Algebra I skills. Students will examine linear, quadratic, radical, logarithmic and exponential functions. Procedures to manipulate expressions to solve equations and models with these functions will be studied. Graphing calculators will be used throughout the course to enhance the modeling of functions and to obtain graphical solutions.

2810 Algebra II (10-12)

College Prep—5 credits

Recommended prerequisite: Must have passed Geometry or Geometry-Honors.

This course centers on a functional approach to algebra, investigating traditional algebra topics more in depth as well as more advanced functions. Students will examine linear, quadratic, radical, rational, logarithmic, exponential, trigonometric, and statistical functions. Procedures to manipulate expressions to solve equations and models with these functions will be studied. The TI 83/84 graphing calculators are integrated throughout for connecting graphical, numerical, and symbolic representations of functions. Problem-solving activities and applications will allow students to model patterns and relationships with variables and functions. **A TI 83/84 graphing calculator is strongly recommended in this course.**

2720 Algebra II-Honors (10-11)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in <u>both</u> Algebra I-Honors and Geometry-Honors or minimum grade of 90 in Algebra I and Geometry.

Algebra II-Honors is recommended for the highly motivated, self-directed, and responsible student with the ability to learn in an accelerated environment. This course centers on a functional approach to algebra, investigating traditional algebra topics more in depth, as well as more advanced functions. Students will examine linear, quadratic, radical, rational, logarithmic, exponential, trigonometric, and statistical functions. Procedures to manipulate expressions, solve equations, and model with these functions will be studied. The TI 83/84 graphing calculators are integrated throughout for connecting graphical, numerical, and symbolic representations of functions. Problem solving activities and applications will allow students to model patterns and relationships with variables and functions. Students in honors courses assume a workload that requires a high degree of independence and motivation. **A TI 83/84 graphing calculator is required in this course.**

2910 Pre-Calculus (11-12)

College Prep—5 credits

Recommended prerequisite: Minimum grade of 80 in Algebra II or passing grade in Algebra II-Honors.

This course is designed for seniors and juniors who have successfully completed Algebra II. In this course, topics will include a study of trigonometric functions, their graphs and applications, as well as a study of all algebraic functions necessary to fully prepare for a

college calculus class. Through a special partnership with Roger Williams University (RWU), this course has been carefully designed to follow RWU's official College Pre-Calculus curriculum, giving students the chance to experience a true early-college environment while still in high school. Students choosing to obtain the RWU credit must successfully complete the course with a minimum grade of 80%. **A TI 83/ 84 graphing calculator is strongly recommended.**

2220 Pre-Calculus-Honors (11)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in Algebra II-Honors

Pre-Calculus-Honors is recommended for the highly motivated, self-directed, and responsible student with the ability to learn in an accelerated environment. This course is required for those students planning on taking AP Calculus. In this course, topics will include a study of trigonometric functions, their graphs and applications, as well as a study of all algebraic functions necessary to fully prepare for a college calculus class. Students electing this course need good study habits and a willingness to work hard. Students in honors courses assume a workload that requires a high degree of independence and motivation. **A TI 83/84 graphing calculator is required in this course.**

2310 Advanced Algebra and Trigonometry (12)

College Prep—5 credits

Recommended prerequisite: Must have passed Algebra II/Algebra II Concepts.

This course is designed for those students who have passed Algebra II/Algebra II Concepts yet need strengthening of algebraic skills for college readiness. Students will examine linear equations and inequalities, systems of equations and inequalities, polynomials, radicals, quadratics, logarithms, right triangle trigonometry, and matrices. Students will engage in activities to model "real-world" applications of the functions under study. Additionally, if time allows, students will explore topics pertaining to various financial situations. **The TI 83/84 graphing calculators will be used throughout this course** to provide a deeper understanding of concepts.

2311 Calculus (12)

College Prep—5 credits

Recommended prerequisite: Must have passed Pre-Calculus or Pre-calculus-Honors.

This course is designed for seniors who have successfully completed a course in precalculus. Students will examine limits, derivatives and their applications, and integration and its applications. These are the same topics covered in a first semester college calculus class. **A TI 83/ 84 graphing calculator is required for this course.**

2321 Calculus-Honors (12)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in Pre-Calculus-Honors or minimum grade of 90 in Pre-Calculus.

This course is designed for seniors who have successfully completed a course in precalculus. Students will examine limits, derivatives and their applications, and integration and its applications. These are the same topics covered in a first semester college calculus class. Students in honors courses assume a workload that requires a high degree of independence and motivation. **A TI 83/ 84 graphing calculator is required for this course.**

2330 AP Calculus (12)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 80 in Pre-Calculus-Honors.

AP Calculus is recommended for the highly motivated, self-directed, and responsible student with the ability to learn in an accelerated environment. Students will be expected to complete assignments and reading independently and have mastery of essential skills from prerequisite course work. Students will study all topics included in a college calculus course. Students will examine limits, derivatives and their applications, and integration and its applications. The pace of this course is dictated by the curriculum guide published by the College Board, http://www.collegeboard.com/student/testing/ap/subjects.html. Students electing this course must be prepared to do the work necessary to keep up with this pace and to do additional work independently as needed. A summer assignment of prerequisite topics must be completed before the start of the course. Students who are successful in this course will be eligible to take the Advanced Placement Exam in Calculus AB. Students in AP courses assume a workload that requires a high degree of independence and motivation. **A TI 83 or 84 graphing calculator is required for this course**.

2660 Financial Math (12)

College Prep—5 credits

Recommended prerequisite: Must have passed Algebra II.

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. This course encourages mastery of math skill sets including percentages, proportions, data analysis, linear systems, and exponential functions.

2911 Statistics (11-12)

College Prep—5 credits

Recommended prerequisite: Minimum grade of 75 in Algebra II or must have passed Algebra II-Honors.

In this course students will collect and analyze raw data and reach conclusions based on statistical analysis. Topics include mean, median, mode, standard deviation, normal curve, correlation, distributions, sampling, hypothesis testing, and applications. Upon completion of this course, students will be able to observe patterns and departures from patterns in explored data, decide how and what to measure when planning a study, produce models, and anticipate patterns using probability theory and simulation. Extensive use will be made of the TI 83/84 graphing calculator using its statistical capabilities. **A TI 83 or 84 graphing calculator is required for this course**.

2930 AP Statistics (11-12)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 90 in Algebra II or achieved minimum grade of 80 in Algebra II-Honors. Following the College Board's suggested curriculum designed to parallel college-level statistics courses, AP Statistics will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes: exploring data, sampling, and experimentation, anticipating patterns, and statistical inferences. Extensive use will be

made of the TI 83/84 graphing calculator using its statistical capabilities. **A TI 83 or 84 graphing calculator is required for this course**.

10019 AP Computer Science Principles (10-12)
Advanced Placement—5 credits
Prerequisite Required: Algebra I; suggested minimum of 90 in Algebra I or 80 in Algebra I Honors; summer work required.
AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

2030 Particular Topics in Algebra (9)
Semester Course 2.5 credits (Pass/Fail)
This course is intended to assist students in Algebra I who were struggling with foundational skills during their previous grade 8 course work. The course will offer support, skills review and development, along with re-teaching Algebra I concepts students struggle with. The course is intended to increase students' understanding and comfort level with key algebraic concepts by reviewing regularly throughout the year. Placement in Particular Topics in Algebra is by teacher recommendation.

SCIENCE DEPARTMENT

COURSE SELECTIONS BY GRADE

	Grade 9	Grade 10	Grade 11	Grade 12
AP / Honors	Chemistry-Honors	AP Biology	AP Biology AP Chemistry AP Environmental	AP Biology AP Chemistry AP Environmental AP Physics
Honors	Biology-Honors	Chemistry-Honors	Anatomy & Physiology-Honors Chemistry-Honors Physics-Honors	Anatomy & Physiology-Honors Chemistry-Honors Physics-Honors
College Prep	Biology	Chemistry Ecology Physical Science	Biotechnology Chemistry Earth-Space Science Environmental Science Forensics Physics Robotics & Engineering II	Biotechnology Chemistry Earth-Space Science Environmental Science Forensics Physics Robotics & Engineering II
Electives	Introduction to Robotics* Marine Biology* Zoology*	Botany* Introduction to Robotics Marine Biology* Wildlife Conservation* Zoology*	Botany* Introduction to Robotics Marine Biology* Wildlife Conservation* Zoology*	Botany* Introduction to Robotics Marine Biology* Wildlife Conservation* Zoology*

*Semester courses do not count toward Science graduation fulfillment.

COURSE OFFERINGS

Living in a world dominated by advances in science and technology requires that all students develop an intellectual base in the sciences and an ability to think critically. One must be able to assimilate new data, generate ideas, and draw logical conclusions based on the facts to progress in the ever-more competitive international marketplace. The Dighton-Rehoboth Science Department strives to foster lifelong learners who think critically about the world around them and apply their knowledge to make a positive impact on society. Honors and Advanced Placement courses in the sciences are designed to meet the needs of the highly

motivated student who wishes to consider a career in the biological sciences or medical fields. Students in these courses assume a workload that requires a high degree of independence and motivation.

3710 Biology (9)

College Prep—5 credits

College Prep Biology is a freshman-level laboratory science course aligned with the Massachusetts State Biology Standards. The course introduces students to the study of living organisms and emphasizes scientific inquiry through hands-on experimentation, data analysis, and evidence-based reasoning. Students develop essential scientific skills such as observation, measurement, graphing, and experimental design while learning how biologists investigate the natural world.

Throughout the course, students explore the importance of living organisms at the molecular, cellular, organismal, and ecological levels, gaining an understanding of how life is structured, functions, and interacts with the environment. Core topics include biochemistry, cell structure and function, genetics and heredity, evolution, human anatomy and physiology, and ecology. Laboratory investigations and real-world applications allow students to connect biological concepts to everyday life and current global issues.

This course builds a strong foundation in biological science and scientific literacy, preparing students for future science coursework and helping them understand the role of biology in the world today.

3720 Biology-Honors (9, 10)

Honors—5 credits

Recommended prerequisite: Minimum grade of 90 in Eighth Grade Science and must concurrently be enrolled in either Honors Algebra I or Honors Geometry

Honors Biology is a rigorous, laboratory-based freshman science course aligned with the Massachusetts State Biology Standards. The course emphasizes scientific inquiry, critical thinking, and analytical skills through advanced laboratory investigations, data analysis, and evidence-based reasoning. Students are expected to engage actively in experimental design, quantitative analysis, and scientific communication.

The curriculum explores biological systems at the molecular, cellular, organismal, and ecological levels, with an emphasis on the structure, function, and interactions of living organisms. Major topics include biochemistry, cell biology, genetics, evolution, human anatomy and physiology, and ecology. Students examine biological concepts through complex problem-solving, interpretation of scientific data, and application of concepts to real-world and contemporary scientific issues.

Honors Biology is designed for students who demonstrate strong academic skills, self-motivation, and a high level of interest in science. The course prepares students for advanced science coursework, including Honors and Advanced Placement science classes, by developing a deep understanding of biological principles and scientific practices.

3830 AP Biology (10, 11, 12)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 80 in honors level Biology or Honors level Chemistry OR minimum grade of 90 in college prep Biology course.

Corequisite: Must be currently taking or have passed Chemistry-Honors with a grade of 80 or higher.

AP Biology is a rigorous and demanding course, which is the equivalent of an introductory college biology course. Content will be covered in more depth and greater expectations will be placed on interpretation and analysis of information. In addition, statistical analysis of data and modeling of concepts will be expected. Students are required to take the AP Biology Exam in May of the year they take the course. A significant amount of studying must be completed at home to allow time for discussion, labs, and inquiry during class time. The College Board has redesigned the curriculum starting in the 2019-2020 school year, and although the amount of material has been reduced, the emphasis on scientific thinking and analytical thinking has increased. Therefore, a full laboratory component is part of the curriculum. The College Board believes that all students should have access to academically challenging courses before taking AP classes. With that being said, it is strongly recommended that students take an honors level science course before enrolling in AP Biology. Course work in chemistry and biology is strongly suggested. Students in AP courses assume a workload that requires a high degree of independence and motivation. For complete course description, go to: https://apstudents.collegeboard.org/courses/ap-biology.

3010 Physical Science (10)

College Prep—5 credits

Recommended prerequisite: Teacher recommendation.

Physical Science is a sophomore-level laboratory science course designed to build a strong foundation in scientific skills and reasoning while introducing students to core concepts in Chemistry and Physics. The course begins with an emphasis on essential scientific practices, including accurate measurement, data collection and analysis, graphing, and experimental design. Students develop the ability to think critically, ask scientific questions, and interpret evidence through hands-on investigations and real-world applications. Building on these skills, students explore fundamental principles of Chemistry such as matter, atomic structure, properties of substances, and chemical changes, as well as key Physics concepts including motion, forces, energy, and basic interactions. Throughout the course, students engage in inquiry-based laboratory activities, collaborative problem-solving, and data-driven reasoning to strengthen their understanding of how scientific concepts apply to everyday phenomena. This course emphasizes scientific literacy, quantitative reasoning, and practical laboratory skills, preparing students for future coursework in Biology, Chemistry, and Physics while fostering curiosity and confidence in science.

3910 Chemistry (10, 11)

College Prep—5 credits

Recommended prerequisite: minimum grade of 80 in both Biology and Algebra I and plus teacher recommendation.

Chemistry (College Prep) is a laboratory-based science course aligned with the **Massachusetts Science and Technology/Engineering Standards**, incorporating the Next Generation Science Standards framework. The course emphasizes foundational chemistry concepts, scientific inquiry, and quantitative reasoning through structured laboratory investigations and

problem-solving activities. Students develop core skills in measurement, data collection, graphing, and experimental analysis using both traditional and computer-based laboratory techniques.

The curriculum includes the study of **atomic structure**, **electron configuration**, and the **organization of the periodic table**, with attention to periodic trends and chemical properties. Students explore **chemical bonding**, **states of matter**, and the behavior of **gases, liquids, and solids**, including applications of the **gas laws**. Additional topics include **solutions**, **stoichiometry**, **chemical reactions**, **reaction rates**, **chemical equilibrium**, and **acids and bases**. Emphasis is placed on conceptual understanding, real-world applications, and the interpretation of experimental data.

Prospective students should have strong algebra skills (particularly working with word problems manipulating fractions, percents, and graphing).

3420 Chemistry-Honors (9, 10)

Honors—5 credits

Recommended prerequisite: 9th grade students--Minimum grade of 90 in Eighth Grade Science and must concurrently be enrolled in either Honors Algebra I or Honors Geometry.

All other students: Minimum grade of 90 in CP Biology and Algebra 1 or minimum grade of 80 in Biology-Honors; minimum grade of 85 in Algebra 1-Honors

Chemistry (Honors) is a rigorous, laboratory-intensive course aligned with the **Massachusetts Science and Technology/Engineering Standards** and the NGSS framework. Designed for students with strong academic skills and a high level of motivation, the course emphasizes deeper conceptual understanding, mathematical analysis, and independent scientific reasoning. Students engage in advanced laboratory investigations using both traditional and computer-based techniques, with increased expectations for experimental design, data analysis, and scientific communication.

The curriculum explores **atomic structure**, **electron configuration**, and **periodic trends** in greater depth, using models and quantitative relationships to explain chemical behavior. Students examine **chemical bonding**, **states of matter**, and the physical and chemical properties of **gases, liquids, and solids**, including advanced applications of the **gas laws**. Additional topics include **solutions**, **stoichiometry**, **chemical reactions**, **chemical kinetics**, **equilibrium systems**, and **acid–base chemistry**. Students are expected to apply mathematical reasoning, analyze complex data sets, and justify conclusions using evidence.

Chemistry (Honors) prepares students for advanced science coursework, including Honors and Advanced Placement science courses, by developing strong analytical, problem-solving, and laboratory skills aligned with college-level expectations.

Prospective students should have strong algebra skills (particularly working with word problems manipulating fractions, percents, and graphing).

3930 AP Chemistry (11, 12)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 80 in Chemistry-Honors course or minimum grade of 90 in college prep chemistry course.

Corequisite: Honors Algebra II

This AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to

undertake, as a college freshman, second- year work in the chemistry sequence or to register in courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis will be placed on the seven science practices, which capture important aspects of the work in which scientists engage with learning objectives that combine content with inquiry and reasoning skills. Therefore, a full laboratory component is a part of the curriculum. Students are required to take the AP Chemistry Exam in May of the year they take the course. AP Chemistry is open to all students who have completed a year of chemistry and wish to take part in a rigorous and academically challenging course. Students in AP courses assume a workload that requires a high degree of independence and motivation. For complete course description, go to: https://apstudents.collegeboard.org/courses/ap-chemistry.

3911 Physics (11, 12)

College Prep—5 credits

Recommended prerequisite: Must be in or have passed Algebra II or Pre-Calculus.

Physics (College Prep) is a laboratory-based science course aligned with the **Massachusetts Science and Technology/Engineering Standards**. The course emphasizes the development of scientific reasoning, mathematical problem-solving, and laboratory skills through structured investigations using traditional laboratory techniques. Students apply measurement, data collection, graphing, and analysis to explore physical phenomena.

The curriculum focuses on fundamental concepts of **mechanics**, including motion, forces, and Newton's Laws, as well as **work, energy, and momentum**. Students also study **waves**, including sound and light, and are introduced to **electricity and magnetism**. Throughout the course, students use models, equations, and experimental data to explain how physical systems behave. Laboratory investigations support conceptual understanding and connect physics principles to real-world applications.

This course provides a strong foundation in physics and prepares students for further study in science, technology, engineering, and mathematics as well as a career in the armed forces with the military entrance exam. Prospective students should have strong Algebra skills (particularly working with word problems manipulating fractions, percents, and graphing).

3921 Physics-Honors (11, 12)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in Algebra II-Honors and Chemistry-Honors or minimum grade of 90 in Algebra II and Chemistry.

Physics (Honors) is a rigorous, laboratory-intensive course aligned with the **Massachusetts Science and Technology/Engineering Standards** and the NGSS framework. Designed for students with strong mathematical and analytical skills and a high level of motivation, the course emphasizes deeper conceptual understanding, quantitative analysis, and independent scientific reasoning through traditional laboratory investigations.

Students explore **mechanics**, including kinematics, dynamics, and Newton's Laws, as well as **work, energy, and momentum** using algebraic and graphical methods. Additional units focus on **waves** and **electricity and magnetism**, with increased attention to mathematical modeling and the interpretation of experimental data. Students are expected to design investigations, analyze uncertainties, and construct evidence-based explanations of physical phenomena.

Physics (Honors) prepares students for advanced science coursework and postsecondary study in STEM fields by developing strong problem-solving, analytical, and laboratory skills. It is recommended for students seeking admittance into a comprehensive competitive four-year college. Prospective students should have a solid foundation in mathematical skills (particularly **Algebra II, Geometry and Precalculus**) because the basics of trigonometry and vector analysis are applied within the framework of the course.

3330 AP Physics C (12)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 80 in a previous honors level science course or minimum grade of 90 in a previous college prep level science course.
Corequisite: AP Calculus or Calculus-Honors.

The AP Physics C course forms the first part of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering. The sequence is parallel to or preceded by mathematics courses that include calculus. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physics problems. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. Additionally, a full laboratory component is part of the curriculum. The subject matter of the C course is principally mechanics with some electricity and magnetism discussed after the AP exam in May. Students are required to take the AP Physics C Mechanics Exam in May of their senior year. Students in AP courses assume a workload that requires a high degree of independence and motivation. For complete course description go to: https://apstudents.collegeboard.org/courses/ap-physics-c-mechanics.

3912 Environmental Science (11, 12)

College Prep—5 credits

Recommended prerequisite: Must have passed a biology and chemistry course or biology and physical science course.

Environmental Science is a full-year, multidisciplinary course that draws from all the sciences as well as other fields to help students better understand the relationship between humans and the world in which we live. Students will explore topics of ecology, natural resources, populations, forestry, fisheries, climatology, environmental health and toxicology, environmental engineering and modeling, production and consumption of energy, and environmental policy, law, and planning. The study of Environmental Science focuses on three main areas: conservation and protection of natural resources, environmental education and communication, and environmental research.

3931 AP Environmental Science (11, 12)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 80 in Algebra II-Honors and Chemistry-Honors or minimum grade of 90 in Algebra II and Chemistry.

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Students are required to take the AP Environmental Science Exam in May of the year

they take the course. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

3922 Anatomy and Physiology-Honors (11, 12)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in Honors Biology and Honors Chemistry or minimum grade of 90 in CP Biology and CP Chemistry.

Anatomy and Physiology is open to juniors and seniors interested in the structure and function of the human body. This course involves the in-depth study of cell and tissue levels of organization as a foundation for the understanding of organics and organ systems . Instruction includes lecture, laboratory experiences, computer activities, individual and group work. The fetal pig and sheep brain **are examined** in detail through a real dissection. This course is open to students who are interested in an in-depth study of the human body, and it is strongly recommended for students planning to enter nursing, premedical, and biology programs in college.

3410 Earth-Space Science (11, 12)

College Prep—5 credits

Recommended prerequisite: Successful completion of CP Biology and CP Chemistry or CP Physical Science

Students will explore earth, addressing the origin, structure, and physical phenomena of the earth. Studies include concepts of geology, oceanography, and meteorology. Students will learn about the nature and interactions of the ocean and atmosphere, earth processes including plate tectonics, mountain building, earthquake and volcano formation, and weather conditions that produce catastrophic events such as hurricanes and tornadoes. Students will develop basic science skills and critical thinking through internet research, laboratory activities, case studies, and project based assignments.

3913 Forensics (11, 12)

College Prep—5 credits

Recommended prerequisite: Successful completion of CP Biology and CP Chemistry or Physical Science.

Forensics is the science which studies and analyzes evidence as it relates to criminalities. Forensics methods and technologies include observations, crime scene investigation, microscopic analysis of hair and fibers, examination and classification of fingerprints, chemical analysis, DNA, and the study of blood and blood spatter. This course is also designed to motivate students in areas such as interrogation, arson and fire investigation, autopsy, poisons, entomology, and criminal profiling. Classroom activities will include discussions, lectures, crime scene scenarios, case studies, and extensive laboratory exercises.

8841 Robotics and Engineering II (11, 12)

College Prep—5 credits

Recommended prerequisite: Successful completion of Introduction to Robotics

This course introduces students to robotics, programming, electronics, and engineering design through a progression of hands-on, collaborative units. Students learn to think critically and work collaboratively on complex projects. Students begin by learning a new robot and programming platform, developing foundational skills in robot manipulation, basic coding, teamwork, and problem-solving. They advance to designing and programming increasingly complex autonomous robots that use multiple motors, mechanisms, gears, and sensors to complete single and multi-mission challenges, emphasizing iteration, debugging, time

management, and clear communication through presentations and written reports. The course also explores human–robot interaction, focusing on human interaction and safety considerations. In addition, students gain experience with fundamental electronics and circuit design, learning to read schematics, understand components, troubleshoot issues, and build simple circuit boards. Finally, through reverse engineering, students analyze existing products and systems to understand how they are designed and manufactured, applying their insights to improve designs or create new solutions.

3943 Ecology (10-12)

College Prep--5 credits

Recommended prerequisite: Teacher recommendation.

Ecology is a full year college preparatory course for students that have successfully completed Biology. This course examines the concepts of ecosystems, populations, communities, the flows of energy, material cycles, and biotic diversity. Students will analyze ecological concepts including the unity of organisms and inseparable interactions with the physical environment. Class discussions include topics such as the formation, distribution, and organization of ecological communities, plant succession, and nutrient cycling. Students will also evaluate aspects of evolutionary trends within plant and animal communities as they relate to ecological principles. All attempts will be made to focus on ecosystems of Southeastern Massachusetts with an emphasis on ecosystems of the towns of Dighton and Rehoboth, when feasible. The goals of this class are to transmit the principles, methods, and vocabulary of ecology. Students will critically analyze and discuss issues concerning population ecology, community ecology, and ecosystem ecology.

3936 Biotechnology (11-12)

College Prep—5 credits

Recommended prerequisite: Successful completion of CP Biology and CP Chemistry or Physical Science.

This course provides students with the first year of a two-year Biotechnology career and technical education (CTE) pathway. It is designed to be implemented in a comprehensive high school to allow students to explore the field of biotechnology through academically rigorous lessons and intensive hands-on laboratory experience. Topics include: Scientific Inquiry; Biotechnology Industry; Atomic Interactions; DNA & Proteins; Microbiology; Central Dogma & Gene Expression; DNA Sequencing & Personal Genetics; Bioinformatics and Bioethics.

Aligned with Massachusetts State Standards: Massachusetts Vocational Technical Education Framework for Biotechnology © June 2014 (MA VBIOT) and Massachusetts Science Technology/Engineering Curriculum Framework © April 2016 (MA STE)

ELECTIVE COURSES:

3411 Zoology (9, 10, 11, 12)

College Prep—2.5 credits

This semester course provides an introduction to the classification, relationships, structure, function, and behavior of major animal phyla. Emphasis is on levels of animal taxa, symmetry, and behavior. Zoology focuses on an introduction to all classes of invertebrate and vertebrate groups. Laboratory exercises to compare body systems will include dissections, building of models, and experimentation. Each king, phylum, and class will be analyzed through readings,

graphing, lectures, videos, and case studies. Sea invertebrates, terrestrial invertebrates, and each major vertebrate group will be examined using anatomy, evolution, and symmetry.

3914 Marine Biology (9, 10, 11, 12)

College Prep—2.5 credits

This is a semester course that introduces students to life in the ocean. The primary focus will be marine biology; however, elements of physical oceanography will also be used. Major units will focus on Nekton (swimmers), Plankton (floaters and drifters), and Benthos (crawlers, attachers, and burrowers). Unifying themes will include shared taxonomies and morphologies, ecological significance, and human impacts. Dissections will be focal points, and a background in Biology is recommended though not required.

8840 Introduction to Robotics (9, 10, 11, 12)

College Prep—2.5 credits

Introduction to Robotics is a semester-long, lab-based course that uses a hands-on approach to introduce the basic concepts of robotics focusing on the construction and programming of autonomous mobile robots. Course information will be tied to lab experiments. Students will work in groups to build and test mobile robots culminating in an end-of-semester robot contest. Students will use Lego robotics as their platforms and work independently and collaboratively to complete a variety of robot construction and programming activities.

3412 Botany (10, 11, 12)

College Prep—2.5 credits

This is a semester course that provides an introduction to the classification, relationships, structure, and function of plants. Topics include reproduction and development of seed and non-seed plants, levels of organization, form and function of systems, and a survey of major taxa. Upon completion, students should be able to demonstrate comprehension of plant form and function, including selected taxa of both seed and non-seed plants.

3935 Wildlife Conservation (10, 11, 12)

College Prep—2.5 credits

Recommended prerequisite: Successful completion of Honors Biology or CP Biology

Wildlife Conservation is a semester course designed for students to explore and examine the ecological functions, life histories and importance of wildlife. Students will become familiar with scientific and technical principles as they relate to wildlife conservation efforts at the state, local and federal levels. Special emphasis will be placed on wildlife interactions, management and preservation.

SOCIAL STUDIES DEPARTMENT

COURSE SELECTIONS BY GRADE

	Grade 9	Grade 10	Grade 11	Grade 12
Early College	*N/A*	*HIST221 -United States History and the Constitutions to 1865* *HIST222- United States History and Constitutions since 1865*	*N/A*	N/A
AP Level	*AP World History*	*AP European History*	*AP U.S. History* AP Psychology	AP U.S. Gov't & Politics AP Psychology
Honors Level	*Honors World History*	*Honors U.S. History I*	*Honors U.S. History II* Economics - Honors	American Gov't - Honors Economics - Honors
College Prep Level	*College Prep World History*	*College Prep U.S. History I*	*College Prep U.S. History II* Economics Psychology	American Gov't Economics Psychology
Electives	Sociology* History Through Film* Sports in Society* Hamilton's American Story* Media & AI Literacy*	Sociology* History Through Film* Sports in Society* Hamilton's American Story* Media & AI Literacy*	Sociology* History Through Film* Sports in Society* Hamilton's American Story* Media & AI Literacy*	Sociology* History Through Film* Sports in Society* Hamilton's American Story* Media & AI Literacy*

Italics denote courses that count toward Social Studies graduation requirements.
*Denotes semester course

COURSE OFFERINGS

Social Studies courses in history, government, and economics prepare students for the duties of American citizenship and the understanding of current events. Four-year colleges require three years of college preparatory social studies in high school. Any other combination of electives will prepare students for admission to two-year state schools. Students and parents should keep this in mind as they discuss course selections.

4010 World History (9)

College Prep—5 credits

Students in this course will analyze and assess various world civilizations from the Renaissance to World War I. Students enrolled in this course will develop strong reading comprehension and writing skills. Course units will integrate the key social studies disciplines of history, government, geography, culture, religion, and economics in addition to developing in the student an appreciation for the impact of the fine arts, literature, science, and technology on the Western and non-Western world.

4020 World History-Honors (9)

Honors—5 credits

Recommended prerequisite: Minimum grade of 90 in Eighth Grade Social Studies.

Students in this course will analyze and assess various world civilizations from the Renaissance to World War I. Students will develop strong reading comprehension and writing skills. Course units will integrate the key social studies disciplines of history, government, geography, culture, religion, and economics in addition to developing in the student an appreciation for the impact of the fine arts, literature, science, and technology on the Western and non-Western world. Students in honors courses assume a workload that requires a high degree of independence and motivation.

4030 AP World History (9 & 12)
Advanced Placement-- 5 credits
Recommended Prerequisites: Minimum grade of 90 in eighth-grade Social Studies and English; current DRRHS students must have history teacher recommendation.
AP World History is an introductory college-level modern world history course designed to cultivate critical thinking and historical analysis. Students will delve into the complexities of world history from c. 1200 CE to the present. Through rigorous inquiry, students will develop the ability to: analyze historical sources, contextualize historical events, compare and contrast patterns across world systems, historical argumentation, and perspectives. By exploring key themes such as humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation, students will develop a deep understanding of global history and the interconnectedness of human societies. **Summer reading and writing is required for this course.**

4110 U.S. History I: c. 1763-1919
College Prep—5 credits
Recommended prerequisite: Must have passed World History.
Starting with a review of the major events which led to the American Revolution, students in this course will assess American history through the conclusion of World War I. Students will be able to evaluate how history is shaped by political and economic systems and geography and how culture is shaped by the humanities and technology. Students in this course will develop strong reading comprehension and writing skills.

4120 U.S. History I-Honors: c.1763-1919 (10)
Honors—5 credits
Recommended prerequisite: Minimum grade of 80 in World History-Honors or minimum grade 90 in World History.
This honors course will introduce students to the historical, social, geographical, political, and economic forces that shaped America from 1763 to the end of World War I. Developments in the fine arts, literature, science, and technology will be integrated into the curriculum. Students will be expected to interpret primary and secondary sources on a regular basis. This course is intended for students who are serious about learning history. Students in honors courses assume a workload that requires a high degree of independence and motivation.

4210 U.S. History II: c.1920-present (11)
College Prep—5 credits
Recommended prerequisite: Must have passed U.S. History I.
Students will interpret major foreign and domestic issues in the United States from 1920 to the present as well as the growing importance of internationalism in our nation's affairs. Emphasis will be placed on the impact of the humanities as well as science and technology on American and world culture.

4220 U.S. History II-Honors: c.1920-present (11)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in U.S History I-Honors or minimum grade of 90 in U.S. History I.

This honors course will examine major domestic issues in the United States from 1920 to present as well as the growing importance of internationalism in our nation's affairs. Emphasis will be placed on the impact of the humanities as well as science and technology on American and world culture. Students will be expected to interpret primary and secondary sources on a regular basis. This course is intended for students who are serious about learning history. Students in honors courses assume a workload that requires a high degree of independence and motivation.

4230 AP U.S. History (11-12)

Advanced Placement—5 credits

Recommended prerequisite: Minimum grade of 80 in U.S. History I-Honors or minimum grade of 90 in U.S. History I and/or teacher recommendation.

This course is designed for students who have a strong interest in history and want to work with advanced materials in an enriched program. The course is a survey of United States history focusing on key controversies and conflicts which helped to shape the social, political, economic, and diplomatic history of this nation. Students will develop a comprehensive knowledge of American history while learning skills to deal with documentary and interpretive materials. Class discussions will revolve primarily around significant issues of each historical period. Students are expected to complete regularly assigned major reading and writing assignments. Excellent writing skills are essential for success in this course. This course prepares students for the AP exam in U.S. History. Students in AP courses assume a workload that requires a high degree of independence and motivation. **Summer reading and writing is required for this course.**

Early College-AP weight

HIST 221-United States History and Constitutions to 1865

(5 credits from DR and 3 credits from Bridgewater State University)

Prerequisite: ENGL 102

This course examines the development of the nation from the age of exploration to the end of the Civil War. It emphasizes the economic, political, intellectual and social maturing of the United States.

HIST 222-United States History and Constitutions since 1865

(5 credits from DR and 3 credits from Bridgewater State University)

Prerequisite: ENGL 102

This course continues the study begun in HIST 221 down to the present. It emphasizes the growth of America as an industrial and world power and the increasing role of government in American life.

4310 American Government (12)

College Prep—5 credits

Recommended prerequisite: Must have passed US History II.

You are a citizen of the most powerful and influential nation on Earth. The government of that nation is yours according to a constitution written long before your time. Understanding the social contract between you and that government is the key to being an active and contributing citizen of that nation. Students in this course investigate and analyze the government of the United States of America, as well as the government of the Commonwealth of Massachusetts, and the local governments of Dighton and Rehoboth. Related current events are also incorporated into the course where appropriate to help draw connections to your impact on government and how the different levels of government affect your life on a daily basis.

4320 American Government-Honors (12)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in U.S. History II-Honors or minimum grade of 90 in U.S. History II.

You are a citizen of the most powerful and influential nation on Earth. The government of that nation is yours according to a constitution written long before your time. Understanding the social contract between you and that government is the key to being an active and contributing citizen of that nation. Students in this course investigate and analyze the government of the United States of America, as well as the government of the Commonwealth of Massachusetts, and the local governments of Dighton and Rehoboth. Related current events are also incorporated into the course where appropriate to help draw connections to your impact on government and how the different levels of government affect your life on a daily basis. Students in honors courses assume a workload that requires a high degree of independence and motivation.

4321 AP US Government and Politics (Grade 12)

Recommended prerequisite: Must have history teacher recommendation.

Advanced Placement-5 credits

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

4330 AP European History (10-12)

Advanced Placement—5 credits

Recommended prerequisite: Must have history teacher recommendation.

This is a college-level survey of European history from the Renaissance to the present. AP European History takes a humanities approach by integrating art, music, philosophy, economics, and political science into its study of European civilization. The course requires extensive reading and analysis of both primary and secondary sources, and a seminar approach to learning is emphasized in class. The course also prepares students for success on the AP European History exam in May by focusing on appropriate analytical skills such as analysis of documents and essay writing. Students are expected to show strong writing and

analytical skills and independent work habits as these are major components of the course. Students in AP courses assume a workload that requires a high degree of independence and motivation. **Summer reading and writing is required for this course.**

4910 Psychology (11-12)

College Prep—5 credits

Recommended prerequisite: Must have passed U.S. History I and/or U.S. History II.

Students in Psychology will evaluate the behavioral and mental processes of both humans and animals. This course is a full- year elective and will provide an overview of the psychology field. Students will study the following topics: history and approaches, research methods, biological basis for behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, personality development, stress and psychological responses, social psychology, and abnormal psychology.

4912 Economics (11-12)

College Prep—5 credits

Recommended prerequisite: Must have passed U.S. History I and/or U.S. History II.

Economics is the study of the production, distribution, and consumption of goods and services. Using easy- to-understand terms and examples, this course will explain, compare, and contrast the economic systems used around the world. Among the topics are the functions of money and other resources, the laws of supply and demand, the role of banks and governments within the capitalist economies, and an introduction to macroeconomics and microeconomics.

4914 Economics-Honors (11-12)

Honors—5 credits

Recommended prerequisite: Minimum grade of 80 in U.S. History I-Honors or U.S. History II-Honors or minimum grade of 90 in U.S. History I or U.S. History II.

Economics is the study of the production, distribution, and consumption of goods and services. Using easy-to-understand terms and examples, this course will explain, compare, and contrast the economic systems used around the world. Among the topics are the functions of money and other resources, the laws of supply and demand, the role of banks and governments within the capitalist economies, and an introduction to macroeconomics and microeconomics. Students in honors courses assume a workload that requires a high degree of independence and motivation.

4930 AP Psychology (11-12)

Advanced Placement—5 credits

Recommended prerequisite: History teacher/Guidance Counselor recommendation.

Students in AP Psychology will evaluate the behavioral and mental processes of both humans and animals as set out by the College Board and AP Course Description Book. This course is a full- year elective that will prepare students to take the AP Psychology Exam in May. Students will analyze and appraise the following topics: history and approaches, research methods, biological basis for behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality testing, individual differences, abnormal behavior, and social psychology. Students in AP courses assume a workload that requires a high degree of independence and motivation. **Summer reading and writing are required for this course.**

SEMESTER COURSE OFFERINGS

4411 Sociology (9-12)

College Prep—2.5 credits

This semester course aims to provide students with comprehensive knowledge and relevant skills in the field of sociology in preparation for more advanced educational exploration into the subject and application to real life experiences. By investigating classical and contemporary sociological theorists, students can apply distinct perspectives to evaluate societal issues and realities. This course will cover topics such as culture, violence, deviance, social control, socialization and personality, group behavior, social class, and social institutions. The key component of this course is to study ourselves and the society that influences our behavior.

4412 History through Film (9-12)

College Prep—2.5 credits

Students in this course will be able to differentiate and evaluate the thematic trends in United States history (since 1900) by examining the films produced in a certain era. Examples include *Modern Times, Casablanca, On the Waterfront,* and *Guess Who's Coming to Dinner*. Project-based assessments including script writing and storyboarding will be a critical component of this course. A major goal of this course will be determining what these films say about the people who create them, the politics behind their creation, and how they reflect the values, ideas, and larger historical issues of the times in which they were created.

4413 Sports in Society (9-12)

College Prep—2.5 credits

Students in this class will assess the connection between sports and society at large. Topics such as racism in sports, sports as a vehicle for political change, the economics of sports, and sports as a transcending power in society are evaluated on an on-going basis. Documentaries such as *Nine for IX: The 99ers, Unforgivable Blackness: The Rise and Fall of Jack Johnson, When We Were Kings* and the *ESPN 30 for 30* series are utilized as visual tools. Films such as *Race, The Blind Side, Eight Men Out,* and *42 are* also critically discussed and analyzed. Students in this course will complete regular reading and writing assignments as well as group projects.

4918 Hamilton's American Story: From Lyrics to Liberty (9-12)

College Prep -- 2.5 credits

This semester-long course uses Lin-Manuel Miranda's Hamilton: An American Musical as a lens to explore the people, ideas and events that shaped the American Revolution and the early Republic. Students will analyze primary sources, historical scholarship and the musical's lyrics to understand how history is remembered, adapted and retold. The class blends US history, civics, and cultural literacy, culminating in creative projects and critical analysis.

4919 Media & AI Literacy (9-12)

College Prep -- 2.5 credits

This course will equip students with the skills to critically evaluate media, understand the history and role of journalism, analyze digital environments, navigate AI-driven information systems, and produce their own responsible media. Students will explore how media and AI shape civic life, democratic systems, identity and access to information.

WORLD LANGUAGES DEPARTMENT

The World Languages Department aims to develop in students the skills needed to function confidently and become proficient in a language other than English. Since language learning is a cumulative process, it requires constant and regular practice over an extended period of time if any degree of proficiency or mastery is to be obtained. To this end, students must also build a comprehensive base of the history and culture of the people who spoke or speak the language being studied. Through this process, students will have a better understanding of the world in which they live and an increased awareness of their own culture.

The study of a world language will help all students who enroll regardless of his or her future goals or career pathway. Knowing other languages and understanding other cultures is a 21st century skill set for students as they prepare to live and work in a global society.

Students must successfully complete two consecutive years of the same language to meet the graduation requirements at Dighton-Rehoboth.

Students are encouraged to continue their world language through their senior year as numerous four- year colleges are looking for well-rounded students who have taken three to four consecutive years of a world language.

COURSE SELECTIONS BY GRADE

PORTUGUESE	SPANISH
Portuguese I, II, III offered at college prep or honors level Portuguese IV and V offered at honors level only	Spanish I, II, and III offered at college prep or honors level Spanish IV and V offered at honors level only

COURSE OFFERINGS

5411 Spanish I (9-12)
College Prep—5 credits
Students are engaged daily in interactive exercises that foster good oral communication as well as proper pronunciation. Students begin to speak, understand, read, and write idiomatic Spanish. Students also acquire a basic vocabulary relating to daily life. In the context of communicative situations, students create dialogues and stories with acquired vocabulary and grammar including present tense of regular and some key irregular verbs. Individual oral presentations and directed compositions are assigned. Students will explore Hispanic culture, family and daily life, and will be able to make cultural comparisons to their own culture.

5424 Spanish I-Honors (9-12)

Honors—5 credits
Spanish I- Honors is a more rigorous course where students will work at a more advanced level. Students will complete additional projects, compositions, cultural readings, and speaking activities to achieve proficiency in the language. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5412 Spanish II (9-12)
College Prep—5 credits
Recommended prerequisite: Must have passed Spanish I.
Students are engaged daily in interactive exercises that foster good oral communication as well as proper pronunciation. Students continue to speak, understand, read, and write idiomatic Spanish and acquire a rather extensive vocabulary relating to daily life. In the context of communicative situations, students create dialogues and stories with acquired vocabulary and grammar including regular and irregular verbs in new tenses. Oral presentations and directed compositions are assigned. Students will continue to learn about the Hispanic culture and traditions and will be able to make cultural comparisons to their own culture.

5421 Spanish II-Honors (9-12)
Honors—5 credits
Recommended prerequisite: Minimum grade of 90 in Spanish I
The Spanish II- Honors course is a more rigorous course where students will be working at a more advanced level. Students will complete additional projects, compositions, cultural readings, and speaking activities to achieve proficiency in the language. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5811 Spanish III (10-12)
College Prep—5 credits
Recommended prerequisite: Must have passed Spanish II.
Students will continue to improve their oral proficiency in the language focusing on using past tenses and expanding their vocabulary. Students will develop their skills by speaking, listening, reading, and writing in Spanish and by orally describing images and story sequences, talking and writing about their own daily activities, and reading short passages that reinforce these concepts. Students will also learn more about the Hispanic world and culture.

5821 Spanish III-Honors (10-12)
Honors—5 credits
Recommended prerequisite: Minimum grade of 80 in Spanish II-Honors or a minimum grade of 90 in Spanish II or teacher recommendation.
Spanish III-Honors is a more rigorous course where students will be working at a more advanced level. Students will complete additional projects, compositions, cultural readings, and speaking activities. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5922 Spanish IV-Honors (11-12)
Honors—5 credits
Recommended prerequisite: Minimum grade of 80 in Spanish III-Honors or teacher recommendation.
Spanish IV- Honors is a rigorous course where students continue building proficiency and competence through communication. The course is taught almost entirely in Spanish as there is an emphasis on strengthening speaking skills and listening comprehension.

Students will learn more complex grammar using the past, conditional, and subjunctive tenses. Students will also analyze a variety of short stories and poems in Spanish to strengthen reading comprehension skills. Students complete numerous projects and activities. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5923 Spanish V-Honors (11-12)
Honors—5 credits
Recommended prerequisite: Must have passed Spanish IV-Honors.
Spanish V-Honors is conducted almost exclusively in Spanish. The course is divided into five thematic units of study. In each unit students will be exposed to various Hispanic authors and poets and will read and analyze various poems and short stories strengthening reading comprehension skills. Students will also explore Hispanic art, film, and music gaining further knowledge of Spanish culture. Students will research relevant topics and prepare presentations to share orally in class. They will improve their proficiency in writing as well. Students will build upon their listening skills by listening to and interpreting various audio clips. Furthermore, students will review, expand, and master various grammatical topics in order to successfully comprehend, communicate, and discuss their identity, typical daily and life events, family and community, cultural values, traditions, world events, the effect and impact of technology, and social, environmental, and cultural issues.

5413 Portuguese I (9-12)
College Prep—5 credits
Students are engaged daily in interactive exercises that foster good oral communication as well as proper pronunciation. Students begin to speak, understand, read, and write idiomatic Portuguese. Students also acquire a basic vocabulary relating to daily life. In the context of communicative situations, students create dialogues with acquired vocabulary and grammar including present tense of regular and some key irregular verbs. Individual oral presentations and directed compositions are assigned. Students will explore facts about the cities of Lisbon, Porto, and Coimbra.

5422 Portuguese I-Honors (9-12)
Honors—5 credits
Portuguese I-Honors is a more rigorous course where students will work at a more advanced level. Students will complete additional projects, compositions, cultural readings, and speaking activities to achieve proficiency in the language. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5414 Portuguese II (9-12)
College Prep—5 credits
Recommended prerequisite: Must have passed Portuguese I.
Students are engaged daily in interactive exercises that foster good oral communication as well as proper pronunciation. Students continue to speak, understand, read, and write idiomatic Portuguese. Students also acquire a rather extensive vocabulary relating to daily life. In the context of communicative situations, students create dialogues with acquired vocabulary and grammar including regular and irregular verbs in new tenses. Individual oral presentations and directed compositions are assigned. Students will discover new things about Madeira, the Azores, and various Lusophone countries of the world. Students research and deliver an oral presentation.

5423 Portuguese II-Honors (9-12)
Honors—5 credits
Recommended prerequisite: Minimum grade of 80 in Portuguese I-Honors or minimum grade of 90 in Portuguese II or teacher recommendation.
Portuguese II-Honors is a more rigorous course where students will work at a more advanced level. Students will complete additional projects, compositions, cultural readings, and speaking activities to achieve proficiency in the language. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5812 Portuguese III (9-12)
College Prep—5 credits
Recommended prerequisite: Must have passed Portuguese II.
Students continue to build on the major elements of Portuguese II. Students are assigned oral and written reports which give opportunities for creative use of the important principles of grammar being reviewed and expanded to include new grammatical elements. The provinces of Portugal are the cultural focus of the course.

5822 Portuguese III-Honors (10-12)
Honors—5 credits
Recommended prerequisite: Minimum grade of 80 in Portuguese II-Honors or minimum grade of 90 in Portuguese II or teacher recommendation.
Portuguese III-Honors is a more rigorous course where students will be working at a more advanced level. Students will complete additional projects, compositions, cultural readings, and speaking activities to achieve proficiency in the language. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5924 Portuguese IV-Honors (11-12)
Honors—5 credits
Recommended prerequisite: Minimum grade of 80 in Portuguese III-Honors or teacher recommendation.
Portuguese IV-Honors is a rigorous course where students continue building proficiency and competence through communication. The course is taught almost entirely in Portuguese as there is an emphasis on strengthening listening comprehension. Students complete the study of advanced grammatical structures and analyze a variety of short stories and poems in Portuguese to strengthen reading comprehension skills. Students complete numerous projects and activities. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5925 Portuguese V-Honors (11-12)
Honors—5 credits
Recommended prerequisite: Minimum grade of 80 in Portuguese IV-Honors or teacher recommendation.
Portuguese V-Honors is a rigorous course for students who wish to continue building proficiency in speaking, reading, writing, and listening. The course is taught almost exclusively in Portuguese. Students work diligently and participate in numerous speaking/conversational activities as emphasis is placed on strengthening speaking skills. Students also analyze Portuguese literature and explore a variety of cultural topics. Students complete numerous projects, skits, and activities. Students in honors courses assume a workload that requires a high degree of independence and motivation.

5928 Spanish Culture Through Food, Music, Movies, Art, and Literature (Elective for 9-12)
College Prep—2.5 credits

This course goes beyond the textbook and will focus on key elements of Hispanic Culture. We will explore Food, Music, Movies, Art, and Literature in the Hispanic World focusing on the different countries and specific regions. Students will research a dish, its history, and present a "cooking show". Students will deconstruct the lyrics of a song to find cultural idioms, historical references, or social messages. Students will write a film review. Students will recreate a famous piece of Hispanic art and explain the context behind the scene. Students will write a fictional story using cultural events, people, or history and present it in class.

5415 World People, Cultures, and Civilizations (Elective for 9-12)
College Prep—2.5 credits
This course will introduce students to a wide variety of cultures, languages, and civilizations. Students will be exploring differences and similarities in cultures and languages through film, food, and discussion. Peoples from Arabic, Asian, African, and Eastern European cultures will be introduced as well as language study of the Romance, Ancient, and Anglophone. Students will become more aware of the stereotypes, language pitfalls, and cultural mores of these different cultures and will become familiar with world economy and environment issues.

PHYSICAL EDUCATION DEPARTMENT

COURSE SELECTIONS BY GRADE

Grade	Semester 1	Semester 2
9	Freshman/ Sophomore PE Core Training Health	Freshman/ Sophomore PE Core Training Health
10	Freshman/ Sophomore PE Physical Education Fitness Core Training Health	Freshman/ Sophomore PE Physical Education Fitness Core Training Health
11 - 12	Physical Education Fitness Core Training Health	Physical Education Fitness Core Training Health

Students are required to successfully complete a total of 7.5 credits (for class of 2027) and 10 credits (for class of 2028 and beyond) in Physical Education. Each semester course is 2.5 credits.

COURSE OFFERINGS

Through the Physical Education curriculum, students will develop positive attitudes toward the value of physical education, learn lifetime fitness activities and knowledge, and promote self-esteem and individual growth through a proper balance of individual and group activities. Students must accumulate 7.5 credits or 10 credits depending on graduation class (see above) in physical education to meet graduation requirements. Of the 10 credits, 2.5 credits must be in Introduction to Fitness and Wellness. This class is strongly recommended to be taken in the freshman or sophomore year. ***Students may not elect more than one (1) physical education course per semester unless approved by administration.***

6410 Introduction to Fitness and Wellness-Fall (9-12)
6411 Introduction to Fitness and Wellness-Spring (9-12)
2.5 credits—***required for graduation***
The major focus of this course will be lifelong fitness. Students will learn about the health components of fitness, using weight room equipment and cross training. Students will build a base knowledge of fitness throughout the semester and finish by developing their own fitness program to follow. Students will monitor their progress in the areas of muscular fitness and cardiovascular fitness through assessment and documentation. This course is required for graduation.

6510 Freshman and Sophomore Physical Education-Fall (9-10)
6511 Freshman and Sophomore Physical Education-Spring (9-10)
2.5 credits

This course emphasizes physical fitness through team and dual sport activities. Knowledge and the application of rules and strategies will be combined with team play. Problem solving skills and cooperation will be stressed. The activities included will be soccer, football, volleyball, basketball, floor hockey, ultimate frisbee, badminton, pickleball, tennis, softball, and various recreational games.

6910 Physical Education-Fall (10-12)
6911 Physical Education-Spring (10-12)
2.5 credits
Knowledge and physical skills obtained through the freshmen and sophomore levels of these classes will be utilized to participate in games. Emphasis will be placed on lifetime sports for physical fitness. Games played will be soccer, football, volleyball, basketball, floor hockey, ultimate frisbee, badminton, pickleball, tennis, softball, and various recreational games.

6420 Core Training (9-12)
2.5 Credits
Students will learn and apply the principles and practices of Pilates, Ballates, Cardio Kickbox, Yoga, and Dance. The postures in Pilates, Ballates, and Yoga practiced promote flexibility, muscular strength, and endurance. Relaxation exercises will be taught in order to learn approaches to stress reduction. Cardio Kickbox will continue to promote core strength and flexibility while drawing in the cardiovascular component as well. Students will also learn about the history of dance in the United States. They will participate in dances from different generations and will have an opportunity to create their own dance and lead the class.

6425 Fitness (9-12)
2.5 Credits
Prerequisite: Students must have successfully passed Introduction to Fitness.
Students will utilize all information learned in Introduction to Fitness. They will learn advanced weight training and cardiovascular training techniques. Students will monitor their progress in the areas of fitness by developing their own fitness program and through fitness testing and documentation.

6913 Health (9-12)
2.5 credits
This course is designed to assist students in obtaining accurate information, developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Study will include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; alcohol, tobacco, and other drugs; growth development, and sexual health. Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others, an understanding of the process of growth and development, and informed use of health-related information, products, and services.

UNIFIED ARTS DEPARTMENT

ART AND DESIGN

COURSE SELECTIONS BY GRADE

GRADE	2D PATH	3D PATH	AP/HONORS
9	Introduction to Drawing Drawing Studio Introduction to Painting Painting Studio Printmaking Digital Art Mixed Media Art Introduction to Design	Intro. to Ceramics Ceramics Studio Sculpture	
10-12	Introduction to Drawing Drawing Studio Introduction to Painting Painting Studio Printmaking Digital Art Mixed Media Art Introduction to Design	Intro. to Ceramics Ceramics Studio Sculpture	2D Studio Art-Honors 3D Studio Art-Honors AP 2D Art & Design AP 3D Art & Design
11-12			Art History - Honors AP Drawing AP Art History

*All Art and Design courses are scheduled by single semester only EXCEPT the following full-year, 5-credit courses: AP Art History, AP Drawing, 2D Studio Art-Honors, 3D Studio Art-Honors, AP 2D Art & Design, and AP 3D Art & Design.

COURSE OFFERINGS

It is our belief that all students have the ability to excel in one or more of the creative arts. It is also important to remind students that their four years in high school are not an end but the start of a journey of exploration. Exposure to the humanities, such as art, will add to a student's enlightenment. Art can be learned since we all have the desire and need to create and express ourselves. The desire to learn is as favorable as is possessing actual talent. With this in mind, the Art Department offers a variety of electives that will meet these individual needs. We encourage all students to take one or more art classes during high school.

7440 Intro to Painting(9-12)
College Prep—2.5 credits
In this course, students will study and practice painting techniques in watercolor and oil paint. Color theory and fundamentals of color mixing and brush handling will be discussed. Students will learn how to arrange line, shape, and color, the key components of good design in any

work of art. Finished paintings will include still life and landscape. Through critiques and self-evaluations, students will be able to assess the components of "good" art. In this introduction course, students will study, practice, and perform techniques using a variety of paint types and techniques. The goal of the course is

7441 Intro to Drawing(9-12)
College Prep—2.5 credits
This course will focus on observational drawing. Students will be instructed in drawing what they "see," developing their eye and hand coordination, and how to arrange objects on a page to create exciting and well- structured compositions. A variety of media will be explored such as pencil, charcoal, and pen and ink. The course will also introduce color into drawing using a variety of media, i.e. color pencil, pastels, colored ink. Through critiques and self-evaluations, students will be able to assess the components of "good" art.

7442 Drawing Studio (9-12)
College Prep—2.5 credits
Recommended prerequisite: Must have passed Intro to Drawing
This course builds upon skills and art developed in Drawing I. Advanced skills in color application, compositional alternatives, spatial relationships, and new media will be investigated. Drawing the human figure from a model and other new subject matter will be explored such as still life, landscapes, and mixed media drawing. Through critiques and self-evaluations, students will be able to assess the components of "good" art.
As in any fine arts course, individual and inventive expression is encouraged.

7443 Intro to Ceramics (9-12)
College Prep—2.5 credits
This is a course where students examine the nature and the art of working in clay. Instruction includes wheel throwing, slab construction, the mixing and application of glazes, and various kiln firing techniques. Projects will revolve around making functional vessels/pots in high-fired clay, i.e. bowls, cylinders, mugs with handles, plates, and covered pieces. Through critiques and self-evaluations, students will be able to assess the components of "good" art.

7444 Sculpture (9-12)
College Prep—2.5 credits
This course concentrates on spatial concepts as interpreted through a variety of 3-dimensional materials such as clay, wire, and wood. Students will create a variety of projects designed to build awareness of real space as it applies to sculptural art. Both realistic and abstract concepts will be explored through modeling reliefs and building freestanding statues. Through critiques and self-evaluations, students will be able to assess the components of "good" art.

7445 Printmaking (9-12)
College Prep—2.5 credits
This course introduces the nature of the print as an art form. Instruction will include the handling of various tools and plates for the purpose of producing multiple images. Printing techniques will include the mono-print, the embossing, and the linoleum cut. Through critiques and self-evaluations, students will be able to assess the components of "good" art.

7450 Mixed Media Art (9-12)
College Prep—2.5 credits
Required prerequisite: Must have passed Intro to Drawing, Intro to Painting, or Printmaking.
Working with mixed media is both liberating and inspirational. Here is an opportunity to experiment with a wide range of materials and techniques including charcoal, watercolor, collage, acrylic, and pastel in a variety of combinations within several different pieces of work. Students will learn how to develop drawing skills, combine photographs with other objects and colors in collage, layer several mediums, and incorporate paint and prints to create new compositions. Students will explore beyond the boundaries of many art courses and discover the concept of creating a wide variety of techniques and materials. Emphasis rests with the elements and principles of design as a way of evaluating finished pieces.

7451 Intro to Design (9-12)
College Prep—2.5 credits
Prerequisites: None.
This Design course introduces students to the world of visual communication and creative expression through digital design tools. Students will learn the principles of design, such as balance, contrast, alignment, and emphasis, while exploring various graphic design software including Adobe Photoshop, Illustrator, and Canva. Through hands-on projects, students will create a wide range of digital designs, including logos, posters, advertisements, and social media graphics. They will also gain an understanding of typography, color theory, and layout techniques, and how to apply these elements to real-world design challenges.

By the end of the course, students will have developed the skills to create professional-level designs, build a portfolio of their work, and have a foundational understanding of the design industry. This class is perfect for students interested in pursuing careers in graphic design, marketing, advertising, or digital media. No prior design experience is required.

7452 Digital Art (9-12)
College Prep—2.5 credits
A rigorous digital photography and Photoshop course that utilizes digital editing programs on district provided Macs in the art department computer lab. Projects covered are basic photography skills, exploring the Elements and Principles of Design, Snapseed, and Adobe Creative Suite. The first half of the course focuses on the art of “seeing” through a camera lens, as opposed to just “looking” through the lens. Projects focus on space, line, the Rule of Thirds, and the difference between good photography and bad. The second half of the course is devoted to Adobe Photoshop and learning tools and menus , while still focused on the visual arts. Projects include collage and layer masking, digital painting, layout and design, and learning about artists, and the periods and styles throughout Art History.

74533D Ceramics Studio (9-12)
College Prep—2.5 credits
Recommended prerequisite: Must have passed Intro to Ceramics or Sculpture.
This course builds upon the skills and art developed in Ceramics I. Students will be instructed in wheel throwing with an emphasis on surface decoration. Students will begin to develop communicating independent concepts through their artwork as well as practicing advanced building techniques. Through critiques and self-evaluations, students will be able to assess the components of “good” art. As in any fine arts course, individual and inventive expression is encouraged.

7840 Painting Studio (10-12)
College Prep—2.5 credits
Recommended prerequisite: Must have passed Intro to Painting.
This course builds upon the skills and art developed in Painting I. Students will be instructed in stretching and preparing canvas and watercolor paper and mixing and uses of oil and watercolor paint. Intuitive as well as classic color theory models will be explored. Strategies of painting, which aid in the illusion of three dimensional and naturalistic color and light, will be employed throughout this course. Subject matter includes still life, landscapes, and portraiture. Through critiques and self-evaluations, students will be able to assess the components of "good" art. As in any fine arts course, individual and inventive expression is encouraged.

7920 Art History Honors (11-12)
Honors—5 credits
In this full-year course students will develop an appreciation for painting, sculpture, architecture, and other art forms within diverse historical and cultural contexts. From the primitive sketches of the cave man through the realistic frescos of the Renaissance to the abstract interpretations of contemporary artists, students will learn to analyze and understand various artistic forms of expression. This course is recommended for all college-bound students who wish to round out their secondary school education **but does NOT include participation in the AP Art History Exam.**

7930 AP Drawing (11-12)
Advanced Placement—5 credits
Recommended prerequisite: Must have passed Drawing I and Painting I.
This full-year course is designed for Seniors who have already had extensive experience in the studio arts. Participants in this program should be seriously committed to the study of art. The 2-D design portfolio is intended to address two- dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. The portfolios share a basic, three-section structure. The concentration section asks the student to demonstrate a depth of investigation and process of discovery. In the Breadth section the student is asked to demonstrate a serious grounding in visual principles and material techniques. The Quality section permits the student to select the work that best exhibits a synthesis of form, technique, and content.

7940 AP Art History (11-12)
Advanced Placement—5 credits
In this full-year course students will develop an appreciation for painting, sculpture, architecture, and other art forms within diverse historical and cultural contexts. From the primitive sketches of the cave man through the realistic frescos of the Renaissance to the abstract interpretations of contemporary artists, students will learn to analyze and understand various artistic forms of expression. This course is recommended for all college-bound students who wish to round out their secondary school education.

7943 2D Studio Art-Honors (10-12)
Honors— 5 credits
Recommended prerequisite: Must have passed Intro to Drawing and Drawing studio or Intro to Painting and Painting Studio
This portfolio development studio is highly recommended for juniors and all seniors who are thinking about art as a college major or students who just enjoy art. Focus will be on strengthening an individual's portfolio by building on artistic skill developed in past studios.

Through critiques and self-evaluations students will be able to assess the components of "good" art.

7945 - AP 2D Art and Design (11-12)
Advanced Placement--5 credits
Prerequisite: Intro to Drawing & Intro to Painting
In AP 2-D Art and Design you'll develop skills using materials and processes such as graphic design, photography, collage, printmaking, fashion illustration, and others. As the course concludes you'll submit a portfolio that demonstrates your ability to practice, experiment, and revise your own work while communicating your ideas about art and design.

7941 3D Studio Art-Honors (10-12)
Honors—5 credits
Recommended prerequisite: Must have passed Intro to Ceramics, and Sculpture or Ceramics Studio.
This course will be offered for up to four semesters to students who would like to further their portfolio for AP or College. This course is intended to build on previous knowledge of three-dimensional design, creating high level and college level sculptures and ceramic pieces. Students will know how to make purposeful decisions and how to use the elements and principles of art in an integrative way. They will be asked to demonstrate their understanding of design principles as they relate to the integration of depth and space, volume and surface.

7946 - AP 3D Art and Design (11-12)
Advanced Placement—5 credits
Prerequisite: Ceramics Studio
In AP 3-D Art and Design you'll learn how to create works of art based on artist intent. At the end of the course you'll submit a portfolio that demonstrates your knowledge of art skills using three-dimensional materials.

MUSIC

COURSE SELECTIONS BY GRADE

Grade	Performance Courses	General Courses	Specializations
9	Symphonic (Concert) Band-Fall Symphonic (Concert) Band-Spring Chorus-Fall Chorus-Spring	Piano I Advanced Piano-Honors Introduction to Guitar History of Rock and Roll I History of Rock and Roll II Percussion Workshop Sound Recording Technology	
10-12	Symphonic (Concert) Band-Fall Symphonic (Concert) Band-Spring Chorus-Fall Chorus-Spring	Piano I Advanced Piano-Honors Introduction to Guitar History of Rock and Roll I History of Rock and Roll II Percussion Workshop Sound Recording Technology	(For advanced musicians with prior training in music reading) Music Theory I-Honors Music Theory II-Honors

All courses are scheduled for a single semester only. For performance courses, choose both semesters to enroll for the year.

COURSE OFFERINGS

Courses in the Music Department offer interested students a wide variety of experiences in both performing and non-performing musical activities. All students are invited to elect a music course which will satisfy their desire to learn more about the subject. Students with no previous music experience may choose to study guitar, piano, percussion, History of Rock, or participate in chorus. Vocal and instrumental students are strongly encouraged to elect Chorus or Symphonic Band each semester to maintain their technical skills.

7480 Piano I (9-12)
College Prep—2.5 credits
This single semester course is designed to give a beginning student a functional knowledge of the keyboard, scales, chords, and simple playing technique as well as music reading skills. Written and performance assessments will be given. Students are required to work independently. Enrollment is limited.

7481 Advanced Piano-Honors (9-12)
Honors—2.5 credits
Recommended prerequisite: Minimum grade of 80 in Piano I or teacher recommendation.
This course will expand the skills and knowledge of the beginning player with the addition of new notes, key signatures, chords, accompaniment patterns, and the development of technique and repertoire appropriate to the student's level of skill. Independent work is required. This course may be taken for credit for three semesters. Enrollment is limited.

7880 Music Theory I-Honors (10-12)
7820 Music Theory II-Honors (10-12)
Honors—2.5 credits
Recommended prerequisite: Must be able to read music.
The Music Theory course of study is designed for the advanced instrumental musician or vocalist with prior formal training in music reading and performance. Level I will examine the basic tools of musical composition and analysis. Units of study include a brief review of notes in the treble and bass clefs, an introduction to movable C clefs, rhythmic notation and meter, major and minor scales and key signatures, intervals, triads and triad inversions, simple melodic transposition, and analysis of four-part harmony. Rhythmic and melodic dictation will be included as well as basic keyboard skills.

Music Theory II will expand upon the concepts introduced in Music Theory I and should be taken during Semester 2 of the same school year. Units of study include seventh chords, chord progressions, non-harmonic tones, and cadences in traditional four-part harmony, and voice-leading in four parts. Transposition, arranging, and composing techniques will be explored. Rhythmic, melodic, and harmonic dictation will be included. **Students may be required to complete a preparatory summer assignment.**

7482 Chorus-Fall (9-12)
7483 Chorus-Spring (9-12)
College Prep—2.5 credits
This course is open to all students and previous experience is not necessary. The chorus is the major vocal performing ensemble at D-R. Students will prepare pieces of music in a variety of styles and will present two major concerts annually (winter and spring) and other performances within our communities at the discretion of the administration and the Music Department. In addition to learning vocal literature, chorus members will also be taught the basics of music reading. This course may be taken for credit more than once. **Participation in all scheduled performances is mandatory. Students who wish to participate for the full year should choose both course numbers 7482 and 7483.**

7484 Symphonic (Concert) Band-Fall (9-12)
7485 Symphonic (Concert) Band-Spring (9-12)
College Prep—2.5 credits
This is an instrumental ensemble for students with experience on concert band instruments. The band will prepare compositions in a variety of styles and will present two major concerts annually (winter and spring) and other performances within our communities at the discretion of the administration and the Music Department. This course may be taken for credit more than once. **Participation in all scheduled performances is mandatory. Students who wish to participate for the full year should choose both course numbers 7484 and 7485.**

7486 Introduction to Guitar (9-12)
College Prep—2.5 credits
This introductory course is designed for the student with no previous experience. Instruments are provided for classroom use. Students will learn to read traditional music notation, tablature, and chord charts and use them to perform both melodic lines and chord patterns. Students are required to work independently. Enrollment is limited.

7487 Sound Recording Technology (9-12)

College Prep—2.5 credits
This course will provide a conceptual and project-based introduction to the field of audio engineering. Students will investigate all steps of the sound recording process from equipment selection to post-production and learn how to proficiently use the tools and techniques of the trade. This course is designed for musicians hoping to operate home studios or any students with an interest in the recording, television, and film production industries.

7488 History of Rock and Roll I (9-12)
College Prep—2.5 credits
This music appreciation course explores the people and events that have shaped and been influenced by popular music by following rock and roll's evolution from its roots and conception through to its dominance in the early 1970s. Major artists covered include Chuck Berry, Little Richard, Elvis Presley, Aretha Franklin, The Beach Boys, The Beatles, and Led Zeppelin. If you love rock and roll, this class is for you.

7489 Percussion Workshop (9-12)
College Prep—2.5 credits
This course offers an introduction to the world of drumming. Students will learn the basics of marching and orchestral percussion including the various stick grips, rudiments, and check patterns and have the opportunity to explore the basics of Latin hand percussion, mallet percussion, and drum set technique. More advanced students can use this course to further develop strength and dexterity through exercise and the study of university or drum corps pieces. This course is an excellent choice for students who are currently in or who would like to join the DR Drumline. Course can be taken multiple semesters for credit with teacher permission. Enrollment is limited.

7490 History of Rock and Roll II (9-12)
College Prep—2.5 credits
This course begins where History of Rock and Roll ends and continues through the modern era following the genre's divergence into numerous different branches popular today. Artists covered include Pink Floyd, Eagles, AC/DC, Carole King, Michael Jackson, Queen, Rush, Metallica, and Nirvana. If you love rock and roll, this class is for you.

CAREER AND TECHNICAL EDUCATION

The primary purpose of each Career and Technical Education (CTE) program is to prepare students for diverse career pathways by equipping them with the essential knowledge and performance competencies necessary for success in both college and the workplace. Upon meeting graduation requirements, students are eligible to receive a Certificate of Proficiency. This certificate is awarded based on their cumulative competency attainment over four years of CTE study.

Graduating students who earn a Certificate of Proficiency are positioned to obtain entry level positions in their respective fields. However, it is highly recommended that students choose to further their education at the post-secondary level to further develop and enhance their skills within their chosen CTE discipline.

CTE Pathways at DRRHS

Dighton-Rehoboth Regional High School (DRRHS) offers multiple career and technical pathways to students, including:

- **Automotive Technology**
- **Carpentry**
- **Public Safety**
- **Culinary Arts**
- **Engineering Design & Drafting**
- **Early Childhood Education**
- **Medical Assisting**
- **Advanced Manufacturing**
- **Marketing & Entrepreneurship**
- **Media Studies**

Seniors enrolled in these programs who meet eligibility requirements for attendance, conduct, and grades may participate in the Cooperative Education (Co-op) program, allowing them to gain hands-on experience by working in their respective fields. Additionally, all juniors and seniors in good standing are eligible to enroll in courses at Bristol Community College for credit, providing them with a valuable head start on their post-secondary education.

CTE Enrollment and Placement

Students interested in enrolling in a CTE program must complete an “Exploratory” assignment, which introduces them to each of the CTE pathways offered at DRRHS. Placement into a specific pathway is determined by the grades earned during Exploratory rotations, along with attendance and discipline records. Transfers into CTE programs are not permitted after the tenth grade unless a student was previously enrolled in the same CTE program at another institution.

Program Structure and Requirements

CTE programs are offered as multi-year sequences. Enrollment in upper-grade courses requires successful completion (with minimum grade of 75) of the prior year’s coursework or approval from the Director of Career and Technical Education. All courses are aligned with the

Massachusetts Career/Vocational Technical Education (CVTE) Frameworks and adhere to Chapter 74 regulations and guidelines.

8000 CTE Exploratory (9)

Career and College Prep—2.5 credits

This course is designed to help students identify and explore their interests and abilities and to develop a flexible career/educational plan. Students are introduced to and given practice in requisite skill sets including problem solving, teamwork, and self-management. Career exploration, self- exploration, work ethics, and safety understanding and practice are some of the topics introduced and reinforced in each career area. Students are evaluated using a predetermined grading rubric on their hands- on performance in each program area as well as written assignments. After rotating through each career area, students will narrow their interests down to four areas and revisit those areas in greater depth. Upon selecting their program(s) of choice, eventual placement in a career major will be based upon accumulated evaluation (attendance, conduct, and grades) across all programs.

NOTE: This course is a required prerequisite to all Chapter 74 programs.

SEM 1 - PHASE I	SEM 1 - PHASE II	SEMESTER 2
"Exposure" 2-3 Days in Every Program 10 Programs Total	**"Exploratory" Choose Top 5 Programs 7 days in each program**	**Placement in Selected Program for remainder of Freshman Year**

AUTOMOTIVE TECHNOLOGY

Grade 9	Grade 10	Grade 11	Grade 12
Exploratory	Automotive Technology II	Automotive Technology III	Automotive Technology IV
Introduction to Automotive Technology I			

Exploratory in Automotive Technology (9)
Career and College Prep—2.5 credits
After meeting instructor level safety understanding and mandatory performances, students will work collaboratively and independently as they are introduced to equipment used on a daily basis in an automotive shop such as auto lift, hydraulic floor jack, rim clamp tire changer, and computerized wheel balancer. As a group, students will learn to identify hand tools used on a daily basis in the automotive industry. Additionally, students will perform necessary maintenance checks such as checking fluid levels, belts, hoses, and tire pressure. Depending upon the live work scheduled, students may also gain exposure in oil changes and flat tire repair and service.

8001 Introduction to Automotive Technology I (9)
Career and College Prep—2.5 credits
Following 8000 CTE Exploratory, students will enroll in the shop area of their choice based upon availability, grading, and administrative approval. A high focus is paid to the introductory skills of the trade as well as safety, professional preparation and presentation, and workplace readiness. Students are evaluated on their hands-on performance in each program area as well as written assignments.

8101 Automotive Technology II (10)
Career and College Prep—10 credits
Students will be working in a state-of-the-art automotive shop environment performing minor repairs on real customer vehicles. An emphasis will be placed on the diagnosis, service, and repair of automotive disc and drum brake systems. Students will perform some diagnosis, service, and repair of automotive conventional and rack and pinion steering systems and various suspension systems. Proper procedures for diagnosis, service and repair of electrical systems will be introduced, and students will use two industry standard software programs (ProDemand and Mitchell 1 Teamworks SE) to find diagnostic and repair information and follow proper procedure for filling out a work order form. Within the scope of this course, students will obtain their Occupational Safety (OSHA-10) credential and begin participation in their career major.

Students will be working in a classroom setting obtaining the theory of the construction and operation of the braking, steering, and suspension systems. Students will gain an in-depth knowledge of the proper procedures for diagnosis, service, and repair of electrical systems and will work with electrical training boards to learn Ohm's law.

Students will use industry standard software programs (ProDemand and Mitchell 1 Teamworks SE) to find diagnostic and repair information and follow proper procedure for filling out a work order form. Research, group discussions, and class presentations are central

to this course of instruction. Employability skills will be discussed in detail to prepare students to enter the working world. All instruction received in this course will be applied to the hands-on tasks performed in Automotive Technology II.

8201 Automotive Technology III (11)
Career and College Prep—15 credits
In this course students will be working in a state-of-the-art automotive shop environment performing repairs on real customer vehicles. Using the skills acquired in Level II, students will become involved with the complex work of mechanical engine repair. This includes disassembling and repairing the internal components of automotive engines. Students will also receive instruction on the diagnosis and repair procedures of electronic fuel injection systems. In addition, students will explore the complexity of electrical system evaluation and repair. This unit of instruction includes the basics of electricity, proper diagnosis and repair of batteries, charging and starting systems, lighting, as well as accessory and safety systems. Students will also learn the essentials of diagnosing and repairing heating and air conditioning systems. The knowledge obtained in Automotive Technology III Related class will be applied to the hands-on tasks performed in this course.

Students will be working in a classroom setting obtaining the theory of the construction and operation of the internal combustion engine. Students will gain an in-depth knowledge of the diagnosis, solution, and repair of engine mechanical failure, diagnosis and repair of engine cooling and lubricating systems, diagnosis and repair of electronic fuel injection systems, as well as the construction, operation, and repair of heating and air conditioning systems. The science and theories surrounding the flow of electricity are also discussed along with the operation of lighting, accessories, and safety concerns. Research, group discussions, and class presentations are central to this course of instruction. Employability skills will be discussed in detail to prepare students to enter the working world. All instruction received in this course will be applied to the hands-on tasks performed in Automotive Technology III.

8301 Automotive Technology IV (12)
Career and College Prep—15 credits
Students will be working in a state-of-the-art automotive shop environment using the latest up-to-date diagnostic equipment. Students will explore hydraulic principles that apply to the operation of an automatic transmission. The service, diagnosis, and repair of automatic transmissions are covered. Additionally, students will delve into the operation of computerized engine control systems. The student will cover engine performance including diagnosis and repair of computerized engine management systems and their relationship in contributing to efficient vehicle operation. Hands-on activities using industry recognized repair order writing software are incorporated and multiple tiered communication levels (vendor, customer, employees) are explored and practiced.

Students will be working in a classroom setting discussing the theory and operation of the automatic transmission including hydraulic principles based on Pascal's Law. Service, diagnosis, and repair of automatic and manual transmissions are also covered in detail. Computerized engine control systems and the relationship of the systems to the overall operation of the vehicle are also introduced. Students will practice communication techniques with vendors, customers, and employees as it relates to the diagnosis and scheduling of a repair. All knowledge obtained in this course will be applied to the hands-on tasks performed in Automotive Technology. Students will participate in field trips to businesses in the Automotive industry and attend seminars on career options from Post secondary schools and businesses related to Automotive technology.

CARPENTRY

Grade 9	Grade 10	Grade 11	Grade 12
Exploratory	Carpentry II	Carpentry III	Carpentry IV
Introduction to Carpentry I			

Exploratory in Carpentry (9)
Career and College Prep—2.5 credits
Students will be introduced to the essential elements within the carpentry industry including an introduction to the career and educational opportunities within the construction trade. After meeting instructor lead safety standards, students will learn to safely operate a jointer, surface planer, sander, table saw, and radial arm saw. Application of safety and tool use will culminate in a deliverable good that requires measurement, cutting, sanding, and finishing.

8011 Introduction to Carpentry I (9)
Career and College Prep—2.5 credits
Following 8000 CTE Exploratory, students will enroll in the shop area of their choice based upon availability, grading, and administrative approval. A high focus is paid to the introductory skills of the trade as well as safety, professional preparation and presentation, and workplace readiness. Students are evaluated on their hands-on performance in each program area as well as written assignments.

8111 Carpentry II (10)
Career and College Prep—10 credits
After meeting instructor required safety standards, students will be introduced to building materials, hand tools, and power tools. Through the use of project-based assessments including live work from outside customers, students will work towards proficient competency in the use of table saws, band saws, slide compound mitre saws, drill presses, and mortising tools. Students will develop competency in a variety of joining techniques including mortise and tenon joints, dado, spline, and pocket holing. Students will refine their finishing skills incorporating hand-sanding and orbital sanding while using a variety of stains and finishes including water- based polyurethane, lacquers and hand-rubbed mineral finishes. Within the scope of this course, students will obtain their Occupational Safety (OSHA-10) credential and begin participation in their career major.

8211 Carpentry III (11)
Career and College Prep—15 credits
In this course students will build upon their Exploratory experience and delve into a deeper application of entry level skills sets. Students will learn to read and interpret basic technical drawing plans and prints and translate the drawing into construction needs such as equipment and supplies. Local and state building codes are also introduced to students as they begin to formulate a full picture of the attention to detail required within the profession. Close attention is paid throughout the year to the safe and proper use of hand and power tools as well as product identification and selection, measurement and cutting, framing, and finishing.

Additionally, students will perform entry level tasks within projects assigned from on-site "live work."

8311 Carpentry IV (12)
Career and College Prep—15 credits
Students will be immersed in the management and operations of a complete business within the construction trades. Translating a customer's needs into an action plan by providing time and supply estimates to the customer, provisioning tools and supplies, organizing and assigning personnel and responsibilities, performing and evaluating the work being done, communicating progress to the customer, and providing deliverables to the customer in a timely manner are all part of the instruction provided in this course. Students will take on various leadership and supervisory roles throughout the year within the scope of the projects that take place on-site and off-site.

Students will be immersed in the management and operations of a complete business within the construction trades. Students will learn to read blueprints and develop an estimate for the building project. Students will independently work on a full- year project that encompasses customer relations, project development, providing an estimate, and following through with production, purchasing, billing, installation, and customer relations through to completion.

Public Safety

The Public Safety Program is designed to introduce students to careers in law enforcement, criminal justice, forensic science, law, military service, psychology, and social justice. Students will become proficient in the rights and responsibilities as citizens and how to exercise these rights and responsibilities at local, state, and national levels. Students will be skilled at navigating the justice system including the formation and enforcement of laws and the intersection between crime and punishment. Students will practice the investigative process, including procedure, forensic science, and will navigate the trial court and correctional systems. Students will be capable of applying their understanding of psychological principles to the aforementioned areas while preparing for internships in their respective fields.

Exploratory in Public Safety
Career and College Prep - 2.5 Credits

This introductory course offers a fascinating introduction to the world of law and public safety. Students will gain a basic understanding of key concepts and skills, including: Learning about traffic laws, regulations, and enforcement procedures. Understanding the principles of crime scene investigation techniques, such as evidence collection and documentation. This exploratory program will spark students' interest in the field of law and public safety, preparing them for more advanced coursework in the coming years.

Introduction toPublic Safety I

Career and College Prep - 2.5 credits

Students will be introduced to the basics of the Criminal Justice System. Career pathways in Law, Public Safety Security and Corrections will be introduced along with Constitutional Law and the Bill of Rights. General aspects of Criminal Justice and the system and process of American Justice will be introduced. An introduction to criminal investigations and crime scene investigation and evidence collection will be discussed in more depth. Students will actively participate in mock crime scene analysis activities which will include fingerprinting and other forensics activities.

CULINARY ARTS

The Culinary Arts program gives students instruction and experience in baking, cooking, and dining room service. In addition, restaurant management and the planning and preparation of meals are covered within the diverse curriculum. Students are trained to be work-force ready and employable in restaurants, hotels, resorts, and hospitals. Our Culinary Arts program will prepare you for: dining room service, retailing, weights and measurements, cooking, baking, mixing, line cooking, cake decorating, using herbs, spices and seasonings, chef and pastry chef training, inventory purchasing and receiving, and management skills. In addition, students will also be able to earn National Restaurant Association Servsafe manager certification, OSHA10-hour (Culinary) certification and Servsafe allergen awareness certification.

Exploratory in Culinary Arts

Career and College Prep - 2.5 credits

In this introductory culinary class, students will be introduced to cooking and academic techniques that are currently used in the culinary industry. A variety of industry tools and equipment will be introduced. Each student will have the opportunity to produce projects from scratch. Projects will focus on developing a particular skill. Upon completing each project, students will be given the opportunity to taste the items produced and compare their projects to their peers as well as self-evaluate using rubrics provided.

Introduction to Culinary Arts I

Career and College Prep - 2.5 credits

In the first part of the Culinary Arts program, students will focus on food safety, personal hygiene, preventing cross-contamination, controlling time and temperature, and cleaning and sanitizing. Students will be given the opportunity to earn their Food Handler certification. This certification is the foundation for safe food handling and is the first step to earning the ServSafe Manager certification. Students will be prepared for Culinary Arts II, III and IV by learning the expectations for uniforms that will be used throughout all levels.

ENGINEERING DESIGN AND DRAFTING

Grade 9	Grade 10	Grade 11	Grade 12
Exploratory Drafting I: Introduction to Engineering Design	Drafting II: Mechanical Engineering *and* *5 credits of Drafting Related Electives*	Drafting III: Architecture + Civil Engineering	Drafting IV: Senior Capstone *and* *5 credits of Drafting Related Electives*

*Drafting Related Electives = Intro to Drawing, Drawing Studio, Intro to Design, Intro to Robotics, Robotics and Engineering II

Exploratory in Drafting Design (9)
Career and College Prep—2.5 credits
During Phases I +II of Exploratory, students will explore the career opportunities within the Engineering, Architecture, and Computer-Aided Drafting fields. After meeting instructor driven safety standards, students begin to explore the design process utilizing computer-based technology. Students will work both independently and collaboratively on design projects including 3D modeling a single story residence and 3D printing a custom keychain. Students will also complete a career research project where they will become familiar with a Drafting-related career that interests them.

8041 Drafting I: Introduction to Engineering Design (9)
Career and College Prep—2.5 credits
Following 8000 CTE Exploratory, during semester 2 students will enroll in the shop area/career major of their choice based upon availability, grading, and administrative approval. A high focus is paid to several soft skills such as digital literacy, time management, teamwork, public speaking, and organization. Students will be fully immersed in mechanical and architectural engineering projects and design problems. Basic drawing skills and dimensioning are introduced as well as orthographic, isometric, and perspective views. Students will understand how technology has changed the drafting industry and briefly be exposed to hand drafting tools and techniques. Students are introduced to 3D modeling software Autodesk Inventor and begin to create 3D solids as well as 3D print original work. Each term students will be responsible for a cumulative digital portfolio to showcase their work.

8141 Drafting II: Mechanical Engineering (10)
Career and College Prep—5 credits
This course allows students to explore the Mechanical Engineering side of the drafting profession in depth including utilization of the Autodesk Education Suite. Students will dive deeper into the Engineering design process, applying math, science, and engineering standards to hands-on projects. Students will obtain their Occupational Safety (OSHA-10) General Health + Safety certification during their sophomore year. Reinforcement of soft skills such as digital literacy, time management, teamwork, public speaking, and organization will be built upon from the previous year. Students will be exposed to a variety of Mechanical Engineering terminology and projects including Exploded Axon views, Section Views, Holes + Thread terminology, Tolerances and the manufacturing process, all while learning more

advanced 3D modeling skills in Autodesk Inventor. Each term students will be responsible for a cumulative digital portfolio to showcase their work.

Students with a 90 or above average at the end of the school year will have the opportunity to be placed in the honors level track for their junior and senior years.

8240 Drafting III: Architecture + Civil Engineering (11)
Career and College Prep—10 credits
8241 Drafting III: Architecture + Civil Engineering Honors - 10 Credits

This course allows students to explore the Architecture, Interior Design, and Civil Engineering side of the drafting profession in depth. Students will learn how to plan, design, and construct a building project from start to finish, including all phases of the design process for a building. Students will read and interpret architectural plans and drawings, as well as utilize both 2D and 3D software such as AutoCAD and Revit. Students will generate a full set of floor plans and site plans at appropriate scales as well as in accordance with applicable building codes. Students will be introduced to Autodesk Revit and BIM (Building Information Modeling), a state of the art industry standard program, where they will design and model 3D buildings. Students will also learn about building construction materials and how systems are put together by creating drawings and physical 3D models to further their understanding. Each term students will be responsible for a cumulative digital portfolio to showcase their work.

Honors program students will be required to demonstrate proficiency through advanced level rubric scoring.

8341 Drafting IV: Senior Capstone (12)
Career and College Prep—5 credits
8340 Drafting IV: Senior Capstone Honors - 5 Credits
The Engineering Design + Drafting Capstone is designed to be commensurate with a college level course in order to prepare students to enter an occupation or prepare them to pursue further education in engineering or architecture-related fields. The first semester will involve exploration in sustainable building technologies such as LEED (Leadership in Energy and Environmental Design). Students will also familiarize themselves with urban development concepts as well as useful skills in financial literacy and entrepreneurship including workplace readiness, resume and cover letter writing, as well as mock interviews. The second semester will require seniors to independently explore an architecture or engineering-related topic of their choice for their Senior “Capstone” project to present and defend at the end of the year. In addition to the Senior “Capstone” project, students will be responsible to generate a final portfolio (physical or digital) showcasing all of their drawings and projects, which is vital to the college application process and any future architecture or engineering occupation. Upon completion of this course, students will have a solid foundation and understanding of an Architecture or Engineering-related major that they may wish to pursue.

Honors program students will be required to demonstrate proficiency through advanced level rubric scoring.

EARLY CHILDHOOD EDUCATION

Grade 9	Grade 10	Grade 11	Grade 12
Exploratory	Early Childhood Education II	Early Childhood Education III	Early Childhood Practicum
Introduction to Early Childhood Education I			

Exploratory in Early Childhood Education (9)
Career and College Prep—2.5 credits
After receiving instruction on safety in the child care setting, students learn and discuss the fundamentals of brain development, effective classroom management practices, and the rules and regulations of the licensing of a child care center. Students view films, read articles on early childhood education, as well as create hands- on activities to demonstrate how children learn. Additionally, students will develop materials that encourage children to enhance language, listening, and comprehension skills.

8051 Introduction to Early Childhood Education I (9)
Career and College Prep—2.5 credits
Following 8000 CTE Exploratory, students will enroll in the shop area of their choice based upon availability, grading, and administrative approval. A high focus is paid to the introductory skills of the trade as well as safety, professional preparation and presentation, and workplace readiness. Students are evaluated on their hands-on performance in each program area as well as written assignments.

8151 Early Childhood Education II (10)
Career and College Prep—10 credits
Within the scope of this course, students will obtain their Occupational Safety (OSHA-10) credential and begin participation in their career major. Students will be introduced to the study of early childhood development. Students will focus on a child's growth development in areas of intelligence (cognitive), physical (fine and gross motor skills), and social- emotional from birth to nine years of age. Theorists on human development (Piaget, Erikson, Vygotsky, Gardner, Maslow) and the impact of these theories on learning and the growth processes of young children are investigated and discussed. Through the hands-on provided in Early Childhood Development Practicum II, students will be exposed to the orchestration of a knowledge-based curriculum.

8251 Early Childhood Education III (11)
Career and College Prep—10 credits
This course introduces the students to the basic needs, learning style, and interests of the young child. Students will learn the importance of health and safety, curriculum standards, and laws that are required in the early childhood center by readings, films, hands-on projects, as well as working in the preschool laboratory. Emphasis will be placed on the classroom environment, curriculum, and skills needed to work in the field of early childhood. Students engage in individual projects as well as cooperative learning groups. Participation in the preschool lab on a weekly basis allows the students to demonstrate skills they have learned.

8351 Early Childhood Practicum (12)

Career and College Prep—15 credits

This course is an in-depth study of children in the 3-6-year-old age group. This course places emphasis on the understanding of child development during a child's primary years as students put theories into practice within the actual pre-school environment. Students are immersed into the EEC lab environment and plan activities based on their acquired knowledge of the preschool child's interests and educational needs. Through these experiences, ECE students become eligible for various levels of educational employment and/or post-secondary education. Students in good standing who graduate are eligible to apply for certification as a preschool teacher through the Massachusetts Department of Elementary and Secondary Education.

ADVANCED MANUFACTURING

Grade 9	Grade 10	Grade 11	Grade 12
Exploratory	Advanced Manufacturing II	Advanced Manufacturing III	Advanced Manufacturing IV
Introduction to Advanced Manufacturing I			

Exploratory in Advanced Manufacturing I (9)
Career and College Prep—2.5 credits
Within the scope of this course, students will explore the career opportunities within the advanced manufacturing technology field. After meeting instructor driven safety standards, students will learn to read a micrometer and safely operate several machines and accessories (band saw, belt sander, lathe) in accordance with prescribed guidelines.

8071 Introduction to Advanced Manufacturing I (9)
Career and College Prep—2.5 credits
Following 8000 CTE Exploratory, students will enroll in the shop area of their choice based upon availability, grading, and administrative approval. A high focus is paid to the introductory skills of the trade as well as safety, professional preparation and presentation, and workplace readiness. Students are evaluated on their hands-on performance in each program area as well as written assignments.

8171 Advanced Manufacturing II (10 credits)
Career and College Prep
Grade 10 students will build upon the foundation of freshman year and expand their knowledge of machine setup, operation and engineering design and manufacturing. Related theory will also include metallurgy, work holding, blueprint reading, tool geometry, shop math, tap and drill calculations, work ethic and Computer Numerical Control (CNC) fundamentals. Students will learn teamwork and machining practices though selected challenges to construct group projects. As a sophomore, students will design using SolidWorks software and will work from their own blueprints to manufacture the components necessary to complete these challenges. Students produce projects that will expose them to different types of materials such as plastics, polycarbonates, stainless steels, tool steels, aluminum, etc. Projects will progress toward being produced in CNC machines where students will be introduced to CNC programming and SolidWorks software fundamentals. Instruction includes related lab theory, shop demonstrations, hand-on practice; quizzes and tests will determine competency levels.

8271 Advanced Manufacturing III (10 credits)

Career and College Prep

Grade 11 will focus on developing CNC skills and expand their Computer Aided Design and Computer Aided Manufacturing (CAD CAM) skills using SolidWorks and SolidWorks Cam software. Shop projects will also teach CNC operations & G-Code programming, CNC machine set-up procedures, inspection procedures, blueprint interpretation, geometric dimensioning and tolerancing (GD&T), advanced manual machining practices and set-ups for proficiency of job ready skills as a machinist. Modules on engineering of machine design, electro-mechanical and automated systems, will also be a component of related theory. Juniors will have the option to compete in SkillsUSA competitions. Shop projects will provide hands-on practice and include engineering, designing, manufacturing and assembly. Students will also build an air engine and other projects to reinforce classroom theory lessons and acquire necessary trade skills. Instruction includes related lab theory, shop demonstrations, hands-on practice, quizzes and tests to determine competency levels.

8371 Advanced Manufacturing IV (10 Credits)

Career and College Prep

Grade 12 shop and related lab theory work will emphasize proficient practices using SolidWorks, CNC set-up & G-Code programming, geometric dimensioning and tolerancing (GD&T), inspection procedures, blueprint interpretation as well as Solid works Cam Turning fundamentals. Senior project requirements will be reviewed, and a study guide will be provided. Shop projects will involve engineering, design, manufacturing and assembly practices. Seniors will have the option to compete in SkillsUSA competitions. Seniors have an option of an approved independent study as a major project that is based on their personal interest and the project meets the criteria for advanced skills achievement. Students will use CNC Machining practices, proper inspection techniques and advanced manual machining practices. Instruction will include demonstrations, hands-on practice; quizzes and tests will determine skill and theory proficiency.

MEDICAL ASSISTING

Healthcare is one of the largest and fastest-growing industries in the country today. Population growth, longevity, and health reform have increased the need for additional educated and skilled healthcare workers. The healthcare field encompasses varied occupations such as surgical technician, nurse assistant, ultrasound technicians, registered nurse, occupational and physical therapists, emergency medical technicians, paramedics, speech therapy, medical office assistants and medical laboratory technicians to name a few. The Medical Assisting Program is designed to provide an introduction to health related careers. It also prepares students for the Nurse Assistant certifications. Students complete CPR and First Aid certifications, and complete 10 hours of OSHA training. Medical terminology is studied all four years. The importance of professionalism, work ethic, critical thinking and teamwork are stressed throughout the program.

Medical Assisting/Pre-Nursing Exploratory
Career and College Prep - 2.5 Credits
This introductory course introduces the student to career opportunities in the health service industry, the second leading industry in the nation. A variety of techniques will be used to stimulate student curiosity and assist students in assessing their suitability for a career in the health field. Hands-on experience is provided in the classroom and laboratory.

Intro to Medical Assisting/Pre-Nursing I
Career and College Prep - 2.5 Credits
Medical Assisting/Pre-Nursing I is an extension of the Medical Assisting/Pre-Nursing exploratory program. The students are introduced to the study of direct care careers and community health careers. Shop safety, first aid, and communication skills are taught. Concepts of growth and development are incorporated. The students will also learn the importance of healthcare standards, professionalism in the role of a healthcare worker, along with the interpersonal skills necessary for a successful career in healthcare.

MARKETING AND ENTREPRENEURSHIP

Grade 9	Grade 10	Grade 11	Grade 12
Exploratory	Marketing and Entrepreneurship II	Marketing and Entrepreneurship III	Marketing and Entrepreneurship IV
Introduction to Marketing and Entrepreneurship I			

Exploratory in Marketing and Entrepreneurship (9)
Career and College Prep—2.5 credits
Within the scope of this course, students will be introduced to the science of business ownership with a keen focus on the marketing functions and to the concept of entrepreneurship. After meeting instructor driven safety standards, students will learn to identify the differences between product and service and explain the function of marketing and its benefits. Students will learn how to identify a target audience, and then identify the appropriate marketing mix to gather their patronage. At the conclusion of Exploratory, students will make a presentation on the proposed business plans they worked on throughout the year.

8081 Introduction to Marketing and Entrepreneurship I (9)
Career and College Prep—2.5 credits
Following 8000 CTE Exploratory, students will enroll in the shop area of their choice based upon availability, grading, and administrative approval. A high focus is paid to the introductory skills of the trade as well as safety, professional preparation and presentation, and workplace readiness. Students are evaluated on their hands-on performance in each program area as well as written assignments.

8181 Marketing and Entrepreneurship II (10)
Career and College Prep—5 credits
Building upon their Exploratory experiences, students will work in the school store during their class time. Through this course, students will learn how to develop customer relations and how to employ the use of data in order to design a strategy to anticipate and meet customer needs. Throughout the course of the year, students will continue work on expanding their business plan outline into an actual professional level document. Students will conclude with a formal presentation followed with a defense of their proposal. Within the scope of this course, students will obtain their Occupational Safety (OSHA-10) credential and begin participation in their career major.

8281 Marketing and Entrepreneurship III (11)
Career and College Prep—10 credits
Students will take a more active role within the functioning of the school store, taking on various roles and responsibilities throughout the year. Product proposals will be made in anticipation of seasonal demand, and purchases performed under the guidelines of school operations. Marketing campaigns will also be completed that align to the purchases. Students will also create a marketing plan which compliments and expands upon their business plan. Student participation in DECA and SkillsUSA are highly recommended.
8381 Marketing and Entrepreneurship IV (12)
Career and College Prep—10 credits

Students will continue to focus on marketing topics of their choice and complete virtual business simulations such as small store management and sport franchise management. Students will delve into advanced marketing strategies and concepts through evaluating recognized high- end and low- market campaigns. Presentations of these evaluations lead to a deeper understanding of the variety of concepts and strategies as well as the potential successes and pitfalls experienced by each. In their work in the school store, students will serve as a management team to ensure that the monetary operations, customer relations, inventory, and housekeeping requirements are met.

MEDIA STUDIES

<table>
<tr><th>Grade 9</th><th>Grade 10</th><th>Grade 11</th><th>Grade 12</th></tr>
<tr><td>Exploratory</td><td rowspan="2">Principles of Digital Audio and Video Production

Elective Courses:
-Journalism
-Digital Photography</td><td rowspan="2">Principles of Radio and Television Broadcasting</td><td rowspan="2">Advanced Broadcast Journalism</td></tr>
<tr><td>Introduction to Digital Video Production</td></tr>
</table>

Exploratory in Media Studies (9)
Career and College Prep—2.5 credits
Within the scope of this course, students will be introduced to the core aspects of digital video production including studio safety, career discovery, basic camera operations, writing for the script, producing video segments, recording content in high-definition, and post-production finishing using non-linear editing computers. The D-R television studio provides each student the opportunity to utilize industry-standard equipment over the duration of the cycle with project based learning.

8091 Introduction to Digital Video Production (9)
Career and College Prep—2.5 credits
Following 8000 CTE Exploratory, students will enroll in the shop area of their choice based upon availability, grading, and administrative approval. A high focus is paid to the introductory skills of the trade as well as safety, professional preparation and presentation, and workplace readiness. Students are evaluated on their hands-on performance in each program area as well as written assignments.

8191 Principles of Digital Audio and Video Production (10)
Career and College Prep—10 credits
Corequisites: Journalism (1416) and Digital Photography (7448)
This course is designed to introduce students to the world of audio and visual recording as used in a radio and television broadcasting career field. Students will develop basic skills in the areas of camera and camcorder operation, microphone and audio mixer, non-linear editing, project planning, lighting techniques, electronic news gathering, electronic field production, and studio production. Students will complete a series of assignments individually and in teams to gain enhanced practical knowledge of radio and video production to develop their technical skills for employment. Within the scope of this course, students will

obtain their Occupational Safety (OSHA-10) credential and begin participation in their career major.

8291 Principles of Radio and Television Broadcasting (11)
Career and College Prep—10 credits
Working both individually and in teams, students start to gain proficiency in the areas of motion graphics, video recording and switching, directing, producing, non-linear editing, project planning, animation techniques, electronic news gathering, electronic field production, and studio production. Students will develop skills in the three phases of creating deliverable elements: pre-production, production, and post- production. The post- production phase-in encompasses all aspects of training on industry standard digital manipulation software offered by Adobe Creative Suite 6 including Premiere, Audition, After Effects, Photoshop, and Encore. Students will have numerous opportunities to participate in high school and community outreach events that include festivals, plays, and talent shows.

8391 Advanced Broadcast Journalism (12)
Career and College Prep—10 credits
This advanced level course will give students the opportunity to work with a variety of field and studio television production equipment. Working both individually and in teams, students will gain proficiency in the areas of directing, producing, non-linear editing, project planning, portable lighting, electronic news gathering, electronic field production, and studio production. To enhance their knowledge of television production and develop their technical skills, students will complete a series of assignments including the development of programming involving the school and community. As part of the course, students will produce stories that will be assembled into the school's Bi-weekly news program commonly known as "DRTV." Seniors will present their own original short films at the CTE Senior Showcase.

CTE ELECTIVES

8801 Basic Automotive Care (9-12) 2.5 Credits
Using current technology, diagnostic equipment and up to date tools, students will gain proficiency in basic automotive maintenance, which includes oil and fluids change, checks and services. Jacks, lifts and tire service, brakes and basic electrical service, such as bulbs and batteries. Students are expected to follow an industry-standard safety policy and will obtain employability skills through the use of an ASE certified curriculum. No prerequisites required.

8811 Woodworking I (9-12) 2.5 Credits
Students will be introduced to the foundations of Woodworking. Five major carpentry tools will be introduced: Compound Miter saw, Jointer, Planer, Tablesaw, and the Drum Sander. Application of new skills will allow students to create a cutting board. New skills will include measuring, various assembly techniques, sanding, and teamwork, with an emphasis on shop safety. This class is a **prerequisite for Advanced Woodworking**.

8812 Advanced Woodworking (9-12) 2.5 Credits
Students will review shop safety and pick a project that is within their ability. Project choices include small tables, an Adirondack chair, or a fancy cutting board. This class is to further develop their skills at the learning pace that is safe and comfortable for the individual student. Advanced Woodworking is for students who have completed the **Prerequisite class Introduction to Woodworking**.

8851 Caring for Young Children (9-12) 2.5 Credits
An introduction to learning about the development of children ages birth to 5. Students will learn about theorists, developmental milestones, observation and assessment strategies, childcare options, participate in hands-on learning experiences, and possible job opportunities in the early childhood education field. Students will also be able to experience working in person with preschool age children in the "Little Falcon's" Preschool lab.

8871 Personal Finance (9-12)
College Prep—2.5 credits
Personal Finance is a semester course in which the student will learn a wide range of financial literacy topics including career development, paychecks, taxes, budgeting, banking, managing savings and checking accounts, investing, credit, insurance, housing, and college planning and expenses. To create an authentic experience, the student will develop and manage a simulation that builds upon each topic throughout the semester. Current events will be explored, discussed, and incorporated into class content. The student will complete various assignments, projects, and class activities that will reinforce the content. Students will leave this course with a better understanding of their own personal finances and expenses.

1776 Foundations of Medical Assisting/Nursing (9-12)
College Prep. - 2.5 credits
This elective course provides an introductory overview of the nursing profession, its historical evolution, core principles, and essential skills. Students will explore the foundational concepts of nursing practice, including health promotion, disease prevention, patient-centered care, and the role of nurses within interdisciplinary healthcare teams. Through a combination of theoretical knowledge and practical applications, students will develop a solid foundation for further studies and professional practice in nursing.

8182 Healthy Cooking and Nutrition (9-12)

College Prep. - 2.5 credits
This elective course introduces students to basic skills in food handling and preparation while applying nutrition education concepts. Students will learn fundamental cooking principles for maintaining a healthy lifestyle. While preparing a variety of food products, students apply their knowledge of mathematics, science, health, and language arts.

1779 Justice Systems and Society (9-12)
College Prep. - 2.5 credits
Students are introduced to law, public safety, corrections, and security practices. Students examine contemporary issues in the criminal justice system and explore crime scene investigation, criminal investigation, court procedures, policing, and juvenile justice. This course provides a foundation for careers as lawyers, as forensics specialists, and as law enforcement and corrections officers.

Cooperative Education Program (11-12)
Career and College Prep—10-20 credits
The Cooperative Education Program is an applied educational, employment opportunity for those qualified Junior/Senior students. The work must be directly related to the program frameworks in which the student has been trained. Cooperating employers agree to provide training as specified by the school. The employer reports student performance to the school on a regular basis, and students are paid for their work. Senior students enrolled in Co-op must present their experience as part of their senior project assessment. Work sites must be certified by the CTE Director and CTE teacher of record, and the student MUST be in good standing academically AND vocationally.

8905 – Co-op Automotive
8907 - Co-op Advanced Manufacturing
8915 – Co-op Carpentry
8945 – Co-op Engineering, Design and Drafting
8955 – Co-op Early Childhood Education
8985 – Co-op Marketing and Entrepreneurship
8995 – Co-op Media Studies

SPECIALIZED COURSE ELECTIVES

Please note: ***Please be aware that only courses completed at Dighton-Rehoboth Regional High School contribute to the student's grade point average.***

0010 Dual Enrollment Program (Grade 11 part-time; Grade 12 full-time or part-time)
Recommended prerequisite: Minimum 85 GPA
Dual Enrollment is a program in which high school students with a minimum 85 GPA (based on college requirement) can take college courses and receive credit toward both high school and college graduation from a Massachusetts state college or university. Please check with your guidance counselor for more details.

1798 Internship (12)
The Internship program provides rising seniors with an opportunity to meet academic requirements for graduation while gaining valuable internship experience. Through this experience, students will build the knowledge, skills, and self-confidence to be successful in higher education, the workplace, and life. The internship represents an educational strategy that links classroom learning and student interest with the acquisition of knowledge in an applied work setting. Students will undertake a significant experiential learning opportunity typically with a company, non-profit, governmental, or community-based organization. The internship experience is monitored by administration. Students who do not abide by the expectations of these programs will be removed from the program and will not receive credit.

9380 Work Study (12) *(previously titled "School Service")*
Rising seniors who have a GPA of 90 or above, will have the opportunity to apply for work study positions before the end of their junior year. The teacher will interview candidates who apply and select one student who will fulfill the position. Students will not receive credit. Students must be on track to complete their graduation requirements and no history of conduct or attendance issues. Only one school service student is allowed per teacher during one of their teaching periods.

9385 Senior Privilege (12)
Senior Privilege is available for any senior actively enrolled in **four** or more AP courses. Seniors must have a perfect conduct history and have fewer than eight unexcused absences during the previous school year. Students who qualify must request Senior Privilege by filling out an application in Guidance. **The Administrators must approve the enrollment of each student placed in this program.**

Students enrolled in Senior Privilege understand the following expectations:
- Students will not receive credit or a grade for this academic privilege.
- Students are expected to complete work for their courses to help reduce the stress and pressure of enrolling in four AP courses during their senior year.
- Collaborative learning is encouraged, but students should be working productively the entire period.
- Should a student drop below four AP courses and/or does not maintain perfect conduct, academic, and attendance standards, they will be removed from Senior Privilege and added into an elective that period.

9400 Virtual High School SAPAO (VHS)
Students may apply for VHS courses not currently offered in our curriculum. Eligible students must have a minimum GPA of 90 and the appropriate prerequisite classes to qualify to take VHS courses (especially the AP courses). Virtual High School enrollment is limited and will be completed on a lottery basis based on availability. Preference will be given to seniors. Students must complete the Virtual High School application form to be considered to participate in the program. Students and parents will also be required to sign a contract ensuring they understand the responsibilities of a VHS student. The grade earned in the course will appear on the student's transcript but will not be calculated into the student's GPA.

9500 Edgenuity
This online platform is used for course credit recovery and must be approved by an administrator.

SPECIAL EDUCATION DEPARTMENT

COURSE OFFERINGS

9480 SAILS Success in Academics and Independence with Life Skills
The SAILS Program provides a comprehensive program to students with special needs who require specially designed instruction in a small group setting outside of the general education setting. The program is designed to meet the needs of students who experience difficulties with language-based concepts including reading comprehension, oral expression, listening comprehension, and decoding/encoding information. Students in the SAILS program are provided with opportunities for inclusion classes within the general education.

Within the SAILS Program, students learn a variety of skills to maximize their independence across settings. Skill development may include functional academics, independent living skills, and appropriate social skills. Occupational, physical, and speech and language therapies are incorporated into the day through group and/or individualized instruction as required by the student's Individualized Education Program. Students participating in the SAILS Program participate in comprehensive activities with differentiated instruction as a means of addressing a variety of student strengths, needs, and diverse learners incorporating the Massachusetts Curriculum Frameworks. Instruction may be individualized based on student needs.

Functional academic skills include time and money skills, basic functional reading related to the real world, vocabulary, writing, safe living, and current events. A variety of social/behavioral approaches are used. Methodologies are selected on an individual basis including applied behavior analysis, sensory integration techniques, and positive behavioral interventions. Students participate in a variety of adult daily living skill activities which include meal planning and preparation (generating shopping lists, shopping, following recipes, cooking), housekeeping (dishes, laundry, dusting, recycling), community training (shopping, recreational programs, safety), and self-care (hygiene, dressing, eating, adolescent development). Placement in SAILS is based on the recommendation made by the Individualized Education Program Team which includes the student, parent(s) or guardian, and integral members of the student's educational program. Data utilized by the educational team includes recent formal and informal evaluations, recommendations of general education teachers, as well as input from the student and parent.

9481 RISE ELA 9/10
9491 RISE ELA 11/12
5 credits
The RISE - English Language Arts (ELA) program is designed to support students who require specialized instruction outside the general education setting to progress in the English Language Arts programs of study and to meet the graduation requirements. Students receive specialized instruction in smaller classes empowering them to succeed in their academic setting. The curriculum is modified in scope and sequence based on each student's need to demonstrate progress or acquire grade level ELA skills. The curriculum emphasizes foundational concepts and the key standards of the Massachusetts Curriculum Frameworks. Placement in RISE ELA is based on the recommendation made by the Individualized Education Program Team which includes the student, parent(s) or guardian, and integral members of the student's educational program. Data utilized by the educational team includes recent formal and informal evaluations, recommendations of general education teachers, as well as input from the student and parent.

9482 RISE Math 9/10
9292 RISE Math 11/12
5 credits
The RISE - Math program is designed to support students who require specialized instruction outside the general education setting to progress in the mathematics programs of study and to meet graduation requirements. Students receive specialized instruction in smaller classes empowering them to succeed in their academic setting. The curriculum is modified in scope and sequence based on each student's need to demonstrate progress or acquire grade level mathematics skills. The curriculum emphasizes foundational concepts and the key standards of the Massachusetts Curriculum Frameworks. Placement in RISE - Math is based on the recommendation made by the Individualized Education Program Team which includes the student, parent(s) or guardian, and integral members of the student's educational program. Data utilized by the educational team includes recent formal and informal evaluations, recommendations of general education teachers, as well as input from the student and parent.

9580 BOOST Class
5 credits
The BOOST class services students who present with significant social, emotional, and behavioral challenges. Students identified for this class demonstrate behaviors which may directly affect their educational progress. Students who are identified for this course may require support to engage in their education, identify strategies to achieve academic success, or work on their specific IEP goals. Placement in BOOST is based on the recommendation made by the Individualized Education Program Team, which includes the student, parent(s) or guardian, and integral members of the student's educational program. Data utilized by the educational team includes recent formal and informal evaluations, recommendations of general education teachers, as well as input from the student and parent.

9680 ISP—Individual Support Program
Pass / Fail—5 credits
ISP is designed to support students as they work toward meeting the goals and objectives indicated in their Individualized Education Plan (IEP). In this small group, separate setting, students identify factors about their disability which may impact learning and learn skills or strategies to support learning. Students track their participation in ISP and progress on IEP goals by reviewing their grades, keeping a record of their work, and identifying how that work addresses their goals and benchmarks. Teachers use this time as an opportunity to conference with students to discuss progress and communicate concerns from general education teachers and parents. It is also during ISP that some students may receive other services indicated in their IEP including speech and language, specialized reading, physical therapy, or counseling. Placement in ISP is based on the recommendation made by the Individualized Education Program Team which includes the student, parent(s) or guardian, and integral members of the student's educational program. Data utilized by the educational team includes recent formal and informal evaluations, recommendations of general education teachers, as well as input from the student and parent.

9700 M.E.R.I.T.S. Academy - Meaningful Experiences Related to Increasing Transition Success
The D-R M.E.R.I.T.S. Academy is for post-secondary students receiving special education services beyond their senior year until the maximum age of 22. The program is designed to teach students independent living skills as well as vocational skills. Placement in The MERITS Academy is based on the recommendation made by the Individualized Education Program

Team, which includes the student, parent(s) or guardian, and integral members of the student's educational program. Data utilized by the educational team includes recent formal and informal evaluations, recommendations of general education teachers, as well as input from the student and parents.

CAREER AND TECHNICAL EDUCATION ADMISSIONS POLICY

Massachusetts state regulations (603CMR4.00) require that all state-funded career/vocational technical education (CVTE) schools and CVTE programs at public high schools to develop and implement admissions policies that comply with state and federal law as well as relevant guidelines issued by the Massachusetts Department of Elementary and Secondary Education and the United States Department of Education. The Dighton-Rehoboth School Committee approved this policy on November 23, 2021.

ADMISSIONS

- Dighton-Rehoboth Regional High School's admission policy is on file at the Department of Elementary and Secondary education. All incoming 9th grade students are eligible and accepted into the Dighton-Rehoboth Regional High School Career and Technical Education exploratory program.

EQUAL EDUCATIONAL OPPORTUNITY

- Dighton-Rehoboth Regional High School admits students and makes available to them its programs, privileges, and courses of study without regard to race, color, sex, gender identity, religion, national origin, sexual orientation, or disability.
- If a student's primary home language is not English, Dighton-Rehoboth Regional High School will provide them with an application form in their home language. Please contact our District Office at 508-252-5000 if you have questions or need help filling out the application form.
- **Dighton-Rehoboth Regional High School is committed to providing educational opportunities to students experiencing homelessness. Please contact Dighton-Rehoboth Regional High School's liaison, Dr. DiGioia at mjdigioia@drregional.org or 508-252-5000 with any questions.**
- Students with disabilities may voluntarily identify themselves to Dighton-Rehoboth Regional High School to request reasonable accommodations during the admission and/or placement process.
- Neither a student's disability nor the primary language of their home will have any effect on their admission to Dighton-Rehoboth Regional High School.
- Consistent with Massachusetts regulations, Dighton-Rehoboth Regional High School has created a plan with "deliberate, specific strategies to promote equal educational opportunities and attract, enroll, and retain a student population that, when compared to students in similar grades in sending districts, has a comparable academic and demographic profile."

ELIGIBILITY

- Any current rising 9th grade student who is a resident of Dighton or Rehoboth may participate in the Career and Technical Education program at Dighton-Rehoboth Regional High School. Students may only be admitted to Dighton-Rehoboth Regional High School if they have been promoted to the grade they are seeking to enter, so students should be aware that their admission is conditional—if they are not ultimately promoted to enter the grade they have applied for, their admission will be rescinded.

Resident students who meet the minimum requirements for admission shall be admitted prior to acceptance of any non-resident students seeking the same program.

- **Non-Resident Students**—Students who are non-residents of the Dighton-Rehoboth School District are eligible to apply for admission to the Career and Technical Education Program at Dighton-Rehoboth Regional High School. Please be aware that residents of the Dighton-Rehoboth School District who meet the minimum admission requirements will be admitted before any non-residents seeking the same program. Students and families can find information on the Chapter 74 Non-Resident Student Tuition Program online.
- **Home Schooled Students**—Home schooled applicants may apply to attend Dighton-Rehoboth Regional High School's Career and Technical Education program full-time and will be subject to the same admissions/placement standards as other applicants.
- The Dighton-Rehoboth Regional School Committee recognizes and respects the right of parents or guardians to educate their child at home. The School Committee appreciates the personal and cultural uniqueness of each family and desires to ensure that the process by which school officials approve and review home education programs is both lawful and equitable. Therefore, The School Committee establishes this home education policy. This policy, which provides the necessary proposal procedures and mandatory components, can be requested.
- **Transfer Students**—Students already participating in Chapter 74 programs at another school may apply for admission to Dighton-Rehoboth Regional High School and will be subject to the same admissions standards as other applicants. Students will be accepted into the same Chapter 74 program if space allows. Any student transferring into the district during the 9th grade is eligible to participate in the exploratory program during Semester 1. Any 9th grade student transferring into the district after Semester 1 will have the option of participating in a condensed exploratory program. The student will have the opportunity to enroll in any program with openings.
- **School Choice Students**—Dighton-Rehoboth Regional High School does participate in the inter-district school choice program. The inter-district school choice program (MGL c.76, §12B) allows parents/guardians to send their children to schools in communities other than the city or town in which they reside.
- Students applying to Dighton-Rehoboth Regional High School under the school choice program should contact our Superintendent's office at 508-252-5000 or drregional.org with any questions. More information on school choice can be found on the Department of Elementary and Secondary Education website.

ORGANIZATIONAL STRUCTURE

- Dighton-Rehoboth Regional High School is a regional school located in Dighton, Massachusetts. It is the responsibility of Dighton-Rehoboth Regional High School's Superintendent to supervise the administration of the policies and procedures used to admit and enroll students consistent with all applicable laws, regulations, and guidance.

Bill Runey, Superintendent	bruney@drregional.org
Dustin Demers, Principal	ddemers@drregional.org
Michael Strojny, Director of Career and Technical Education	mstrojny@drregional.org

ADMISSIONS COMMUNICATION POLICIES

- Dighton-Rehoboth Regional High School maintains a calendar of events on its website, drregional.org, where it provides information on the admissions process as well as other information about its programs. Students and their families can request hard copies of the calendar by calling or emailing the main office secretary at 508-252-5025 or lstahowiak@drregional.org.
- Dighton-Rehoboth Regional High School offers tours of its facilities to interested applicants. To request a tour, please call or email our Guidance Office. If the agreed-upon time slot for a tour occurs during the applicant's school day, the Guidance Office will provide confirmation to the applicant's current school that the applicant attended a tour during this time. Such tours may not be counted as unexcused absences by sending districts.

RECRUITMENT PROCESS

- The Dighton-Rehoboth Regional High School Career and Technical Education Director disseminates information about the programs through a variety of methods:
    - Visitations and informational meetings from high school students, staff, and administration to 8th grade students in the Dighton and Rehoboth middle schools beginning in October.
    - Slide presentations and informational brochures and emails will be circulated in both middle schools. The information will include academics, career and technical education programs, electives, sports, clubs, activities, and special education resources.
    - Parents/guardians may schedule individual tours at a mutually convenient time.
    - Invites 8th grade students to attend open house and other high school events.

PROCESS FOR FALL ADMISSION TO THE 9TH GRADE EXPLORATORY PROGRAM

- Any Dighton-Rehoboth Regional School District 8th grade student interested in participating in the Career and Technical Education Program offered at the high school will be accepted into the 9th grade exploratory program. Students will meet with their 8th grade Guidance Counselor in the spring to create a schedule for 9th grade at the high school. The student's Guidance Counselor will review all opportunities available at the high school including the Career and Technical Education Program.
- **Transfer Students**—Students already enrolled in a Chapter 74 state-approved program in another school may apply for admission to Dighton-Rehoboth Regional High School's Career and Technical Education Program. Please contact the Guidance Office at 508-252-5025 with any questions or to request admission.

SELECTION PROCESS

- Any incoming 9th grade student interested in the Career and Technical Education Program at Dighton-Rehoboth Regional High School is eligible to participate in the 9th grade exploratory program.

EXPLORATORY PROGRAM

- Because Dighton-Rehoboth Regional High School offers five or more Chapter 74 state-approved programs, Dighton-Rehoboth Regional High School provides a half-year exploratory program for 9th grade students which is based on the applicable Vocational Technical Education and Massachusetts Curriculum Frameworks. Students will complete 120 hours rotating through all ten Chapter 74 programs offered at the high school. The rotation includes the following Chapter 74 programs:
    - Advanced Manufacturing Technology
    - Automotive Technology

- Carpentry
- Criminal Justice/Public Safety
- Culinary Arts
- Engineering Design and Drafting
- Early Childhood Education
- Marketing and Entrepreneurship
- Media Studies
- Medical Assisting

- Students are evaluated and graded by each program teacher during the rotation. A rubric has been established and grades are given in the following areas: safety, workmanship, professionalism, employability, and career awareness activity. Grading Rubric can be requested from the CTE Department.