

MISSION STATEMENT DERBY HIGH SCHOOL

Derby High School pursues academic achievement, promotes creative and critical thinking, encourages proper behavior, and fosters responsible citizenship.

A DERBY HIGH SCHOOL STUDENT WILL

Academic

- ◆ Demonstrate proficiency in reading, active listening, and visual literacy among and across disciplines.
- ◆ Demonstrate proficiency in oral and written communication skills among and across disciplines.
- ◆ Critically apply math skills to solve problems.
- ◆ Demonstrate basic scientific concepts and their interrelationships.
- ◆ Use technology and applied arts to facilitate learning and communication.

Social Expectations

- ◆ Demonstrate respectful behavior toward all
- ◆ Make positive contributions to the learning environment
- ◆ Demonstrate appreciation for diversity

Civic Expectations

- ◆ Promote volunteerism
- ◆ Demonstrate respect for our environment
- ◆ Demonstrate awareness of one's role in the community and the world
- ◆ Demonstrate understanding of systems of government



DERBY HIGH SCHOOL

8 Nutmeg Avenue

Derby, Connecticut 06418

(203) 736-5032 • (203) 736-5056 fax • www.derbyps.org

Fran Thompson

High School Principal

Dear Students:

Welcome to the 2009-2010 Program of Studies. This booklet has been prepared to help you choose a course of study for your high school years. Planning is an important part of a successful high school experience. We hope you find it helpful in making informed decisions.

Derby High School provides you with a high quality core curriculum in mathematics, English, social studies, science and world languages. In addition, a range of choices are available in art, music, business, and technology education. Choosing appropriate courses based on your interests, skills, and goals is important in preparing you for your future beyond high school.

It is essential that you and your parents/guardian thoroughly review this booklet and discuss your options. Prior to selecting your courses for next year, it is recommended that you work closely with your teachers and school counselors. We strongly encourage you to think carefully about your choices. These courses become the foundation for future education and training that will support your goals.

An important aspect of your high school education is to broaden your experiences beyond the classroom walls. We encourage you to become involved in co-curricular and extracurricular activities in both the high school and the community. Some of the many possibilities available to you include clubs, athletics, student government, the arts, and community service endeavors. All of these provide opportunities for you to pursue interests and make new friendships.

The administration, faculty, and staff of Derby High School are here to provide you with the resources, support, and encouragement you will need to be successful.

Sincerely,

Fran Thompson

Fran Thompson
Principal



DERBY HIGH SCHOOL

Guidance Department

8 Nutmeg Avenue

Derby, Connecticut 06418

(203) 736-5036 • (203) 736-5056 fax • www.derbyps.org

Jennifer Eckhart
School Counselor

Brian Natcher
School Counselor

Dear Parent/Guardian,

We are in the process of course selections with your child. At this time, your child will be given the course selection materials and recommendations for the next school year. Please take the time to review your child's selections. The Program of Studies book will allow you and your child to discuss what courses they would like to take for the next school year.

The students will be meeting in small individualized groups in the classrooms and also with their counselors. At that time, their selections will be reviewed and discussed to insure that each student attains the required courses/credits required for graduation.

A copy of their approved course selections will be mailed home to you for your review. Any changes or corrections must be signed and returned to school before June 1st in order for this to be processed.

The Counseling Department is available to assist you and your student during this important decision-making process. Please do not hesitate to contact us if you have further questions or concerns.

Sincerely,

Jennifer Eckhart

Jennifer Eckhart
School Counselor

Brian Natcher

Brian Natcher
School Counselor



DERBY HIGH SCHOOL

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Derby High School

Introduction to the Program of Studies

TO THE STUDENTS

You have the responsibility of selecting your courses while at Derby High School. The guidance and counseling staff, the faculty, and the administration will do whatever they can to assist and guide you in your selections; however, you must realize that the selection you are making will affect your program and your future. Before you begin to select your courses, give some thought to the following questions:

1. How well have I done in school so far?
2. In what subjects have I been particularly interested?
3. What are my post-high school plans? How are these related to what I have done and will be doing while at Derby High School?
4. Have I looked into the process of college selection? Have I looked into the possibility of beginning my career after graduation from high school? Have I discussed these plans with my parents or guardians and my school counselor?
5. What extra-curricular interests do I have? How important are they in my total school program and career goals?

Some of these questions may be difficult to answer on your own. Make certain that you have talked with people who may be able to give help - your parents/guardians, your teachers, your counselor and representatives from college, business and industry. Be sure that you spend some time with your school counselor in working out the answers and in selecting your courses during the course of your high school years.

The program in the high school is designed to provide the basic education every student needs and to offer specific subjects which meet some of your personal objectives. The eventual transition from school to career should be considered. Your ability, interests and future plans should serve as the guide in the selection of your subjects.

COURSE SELECTION PROCESS

- Receive Program of Studies
- Read Programs of Studies carefully
- Discuss options with parents, teachers, department coordinators and counselors
- Complete the Course Selection Sheet
- Get teachers' recommendations
- Have teachers sign off on course selection
- Submit completed Course Selection Sheet to homeroom **on time in order to assure that you are able to obtain preferred courses.**

THE PROGRAM SELECTED NOW IS ONE YOU WILL BE EXPECTED TO FOLLOW DURING THE NEXT SCHOOL YEAR. MAKE YOUR CHOICES WISELY!!!!

COURSE PLANNING FORM

The following form is included to assist you in planning your four year program. Upperclassmen should use it to review previous courses and underclassmen should use it to project future courses. By utilizing this form, hopefully, you will make wiser decisions about your high school program. Students should select 6 subjects.

Grade 9	Grade 10	Grade 11	Grade 12
<i>Course Name</i>	<i>Course Name</i>	<i>Course Name</i>	<i>Course Name</i>
English I	English II	English III	English IV
Math	Math	Math	Math
Ancient World History	Modern World History	US History	Civics
Science & Society	Biology	Chemistry	Science/Elective
Foreign Language	Foreign Language	Foreign Language	FL/Elective
Physical Ed/Health	Physical Ed	Elective	Elective
Elective	Elective	Elective	Elective

Students are reminded that although admission requirements to college may differ widely, most colleges are highly competitive. Derby High School strongly recommends the following to all college-bound students:

4 years of English
4 years of mathematics
3-4 years of science
3-4 years of foreign language
3.5-4 years of social studies

DERBY HIGH SCHOOL DIPLOMA REQUIREMENTS

The awarding of a Derby High School diploma is contingent upon a student completing and passing all the following requirements:

Class of 2010: The minimum total of credits earned is twenty-two (22), including the following mandatory requirements:

- a) English I, II, III, IV (Remedial courses would be in addition to the regular English course)
- b) Mathematics – 3 years/credits
- c) Science – 2 years/credits
- d) Social Studies – 3 years/credits (must include ½ year Government, Local, State, Federal and 1 year US History)
- e) Physical Education – 1 credit (waivers may be granted at the sole discretion of the Administration for extreme medical reasons or handicapped conditions)
- f) Vocation Education or Art – 1 credit

Classes of 2011, 2012, 2013: The minimum total of credits earned is twenty-four (24), including the following mandatory requirements:

- a) English I, II, III, IV (Remedial courses would be in addition to the regular English course) (4 credits)
- b) Mathematics – 3 years/credits
- c) Science – 3 years/credits
- d) Social Studies – 3.5 years/credits (includes ½ year Government, Local, State, Federal and 1 year US History)
- e) Physical Education – 1 credit (waivers may be granted at the sole discretion of the Administration for extreme medical reasons or handicapped conditions)
- f) Health - .5 credit
- g) Fine Arts – .5 credit (Includes courses in art or music)
- h) Practical Arts – 1 credit (Includes courses in business, computer science, technical education or work experience)

The minimum number of credits to be taken per grade level is the following:

- a. Grade 9 – 6 credits
- b. Grade 10 – 6 credits
- c. Grade 11 – 6 credits
- d. Grade 12 – 6 credits

The number of earned credits necessary to enter each grade level:

- e. Grade 10 – 5 earned credits
- f. Grade 11 – 11 earned credits
- g. Grade 12 – 17 earned credits

Students are required for graduation to be competent with a score of “3” (or Proficient) on the CAPT exam. If a “3” is not achieved, a district alternative CAPT assessment will be given during the senior year.

(Board of Education Policy)

RANK IN CLASS – QUALITY POINT AVERAGE

The computation of rank in class is based on course level and grade earned. Each course carries a weight value which is determined by the course's level of difficulty. The class rank will include all subjects except Pass/Fail courses. It will be determined at the end of the junior year and again at the end of the 1st semester of the senior year.

An example of the various levels associated with letter grades are illustrated below:

(Quality Points given)

<u>Grade</u>	<u>AP/ECE</u>	<u>Honors</u>	<u>College Prep</u>	<u>Academic</u>	<u>General</u>
95	16	14	12	11	10
85	14	12	10	9	8
75	12	10	8	7	6
65	10	8	6	5	4
0-64	0	0	0	0	0

Interpretations of Course Levels

- (AP) Advanced Placement: College level courses.
- (ECE) Early College Experience: College level courses; Earn credits from the University of Connecticut.
- (H) Honors: Advanced work beyond grade level with focus on critical and higher thinking orders.
- (CP) College Prep: Advanced work at grade level designed to prepare the student for college level courses.
- (A) Academic: Work at grade level specifically designed for students who will benefit from individualized attention and extra support in English and Math academic skill sets.
- (G) General: Courses specifically designed for special education students.

AP Courses: Teacher recommendation is required for all AP courses. In addition, a department-level writing sample is required for AP English and AP U.S. History.

Honors Courses: Students who maintain an 85 average in current course work will be recommended for the subsequent honors course. In addition, students may be placed in an honors course with departmental approval.

Placement in levels is determined by the administration, faculty, and counseling department based on the student's ability as identified in the student's prior class performance and achievement and test scores.

Grading: The grading system for all students and all courses is a numeric grade system from 0 to 100. The minimum passing grade to earn a full year or semester credit is 65. A final year end or semester grade of less than 65 will not earn credit. Summer school for students whose year-ending final grade falls between 50-64 will be available in some subject areas for all students.

SCHEDULE CHANGES

You will select courses in the early spring for each year for the following academic year. You must keep in mind that this selection represents *a final choice of courses*, with some exceptions:

1. If you have completed satisfactorily a summer school study of courses which were failed or incomplete in June, you may apply for a program change during the summer.
2. If your educational objectives have altered significantly, an individual interview with a counselor before the opening day of school MAY result in a recommendation for change.

◆ **Any student request for program changes must be accompanied by a letter from the student as well as the student's parents or guardian indicating approval of such requests.**

Protocol for drop/add:

1. Students will be given an option to add/drop until two weeks into the semester.
2. Counselor will check for space availability.
3. Counselor will give the student a Schedule Change Form with a directive that the form must be returned by the next day with the parent signature indicating approval.
4. Counselor will retain a copy of the form and follow up within three school days if the student has not returned the signed form.

** Teachers should be made aware that if a student's name appears on their class roster, they are responsible for that student. DO NOT assume that a course change has occurred because a student has expressed an interest in dropping. The ADDING teacher should sign first. The DROPPING teacher should not sign unless the Adding teacher's signature is on the form.

** Any further schedule changes after the two week period require a request in writing from both the student as well as the student's parents or guardian indicating approval of such requests. Final decision will be made by administration.

** Requests that involve a LEVEL CHANGE require completion of the Request for Change of Program and the Schedule Change Form. Any student request for program changes must be accompanied by a letter from the student as well as the student's parents or guardian indicating approval of such requests. Final decision will be made by administration.

Policy on Waivers of Level:

Derby High School recognizes the right of a parent/guardian to appeal a student's recommended level or course. Should a parent/guardian choose to do so, he/she should contact the student's school counselor who will provide the appropriate forms to complete. A conversation with the department coordinator of the subject area is required prior to the level change. Students who waive into an Honors/Advanced Placement course will be expected to produce the same quality of work as the rest of the class.

Sports Eligibility:

The Connecticut Interscholastic Athletic Association (CIAC) mandates that all students, in order to be eligible for athletics, pass at least four full credit courses for the quarter prior to the start of the season and during any given season. At Derby High School, students must earn a minimum of a 65 in order to be considered passing. Incompletes are not considered passing.

Independent Study:

Independent Study in any subject area requires prior approval of the department coordinator and the administrative team. Independent study projects may not be used for meeting departmental requirements for graduation except in most unusual circumstances with approval of the principal. Independent study course work will be offered on a Pass/Fail basis only.

NON-DISCRIMINATION POLICY:

The Derby Public Schools does not discriminate against students, parents, guardians, employees on the basis of race, national origin, religion, sex, age, or mental or physical disability. If any student, parent, guardian, or employee feels aggrieved by the school district or its agents or employee, a complaint may be filed with: Dr. Lois Knapton, Compliance Officer, Central Office, 35 Fifth Street, Derby CT 06418, Telephone: 203-736-5046. This policy is required in order to receive funds for Applied Education Programs.

POLITICA CONTRA LA DISCRIMINATION:

Las escuelas publicas de Derby no discriminan contra alumnos, padres, guardians, empleado, a causa de raza, origen nacional, religion, sexo, edad o incapacidad fisica. Si alguno alumno, padre, guardian, o empleado cree que hay la discriminacion contra si de la administracion de las escuelas, de sus agentes, o de sus empleados, se puede quejar con la siguiente persona: Dr. Lois Knapton, Central Office, 35 Fifth Street, Derby CT 06418, telephone: 203-736-5046. Esta politica es necesario para recibir fondos para Programas Aplicado de La Education.

Note: Courses are offered on the basis of enrollment and staff availability.



INTRODUCTION TO ART (CP) Course #1811 This is a basic course that introduces the student to different materials and methods of artistic expression through 2D or 3D artwork. The elements and principles of design, drawing, and painting are all introduced and explored.	GRADE 9-10-11-12	.5 credit
CERAMICS/SCULPTURE I(CP) Course #1820 This course explores three-dimensional design. The student will use clay and various other media to gain a knowledge of three dimensional forms and sculpture.	GRADE 9-10-11-12	.5 credit
CERAMICS/ SCULPTURE II (CP) Course #1822 Independent study of three dimensional design. Students will be constructing a variety of projects, as well as continuing with ceramics and using the potter's wheel. Prerequisite: Ceramics/Sculpture I	GRADE 10-11-12	.5 credit
DRAWING AND PAINTING (CP) Course #1831 The student will use different types of painting media techniques to explore a range of creative expression. Painting theories and techniques will be studied through various projects. The student will use watercolors, acrylic and oil pastels for their work. Prerequisite: Intro. to Art.	GRADE 10-11-12	.5 credit
☑ DIGITAL ART (CP) Course #1891 This class focuses on the use of basic digital photography and photographic manipulation techniques. Adobe Photo Shop is introduced as the design field standard. This course also requires traditional non-computer art making. Students are expected to have an understanding of the basic art elements and principles. Prerequisite: Art 1.	GRADE 10-11-12	.5 credit
☑ DESKTOP PUBLISHING /YEARBOOK (CP) Course #1890 With instructor's permission only: teacher recommendation form required. The students in this course will learn the basics of desktop publishing while creating this year's yearbook, The Lookout. Some knowledge of computer skills and word processing is recommended.	GRADE 12 ONLY	1 credit
HAND MADE JEWELRY (CP) Course # 1892 Students will be immersed in hand building techniques to create rings, bracelets, earrings and necklaces. Both traditional and non-traditional techniques will be explored.	GRADE 9-10-11-12	.5 credit

🖨️ GRAPHIC DESIGN (CP)

GRADE 9-10-11-12

.5 credit

Course # 1830

Students will study the history and techniques of printed design. Students will create work on computers using Adobe Illustrator and Photoshop. Non-computer work is also required in this class. Sample projects may include poster design, business cards, travel brochures, and packaging design.

PRINTMAKING (CP)

GRADE 9-10-11-12

.5 credit

Course # 1834

Students will study the history and techniques of printmaking. They will explore several different printmaking methods including linoleum block printing, “potato” prints, mono-printing, and t-shirt screen printing.

BUSINESS



ACCOUNTING I (CP)

GRADE 10-11-12

1 credit

Course #2621

This course provides the basic principles, concepts, and procedures of accounting. Students experience the systematic flow of business operations through the use of a simulation practice set. They learn how to use journals, ledgers, checking accounts, and the basic preparation of financial statements. A computer software program is used as a supplement to enhance the program.

ACCOUNTING II (CP)

GRADE 11-12

1 credit

Course #2631

It is designed for students interested in accounting as an occupation or those planning to major in accounting or business administration in college. Students study payroll registers, partnerships, corporations, analyze and interpret business reports and records. Approval of Accounting I teacher is required.

PERSONAL/FINANCE MANAGEMENT (CP)

GRADE 11-12

.5 credit

Course #2649

This one semester class will follow the National Standards for Personal Finance. This instruction includes simulations, case studies and interactive exercises that allow students to apply the financial principles and concepts addressed. Guest lecturers from the community will bring the real world of business into the classroom. Areas of study include creating a financial plan, budgeting, saving and investing, spending and credit, and insurance.

COOPERATIVE WORK EXPERIENCE (CP)

GRADE 12 ONLY

1 credit

Course #2651

The Cooperative Work Experience Program (CWE) is designed to equip seniors with real world occupational skills necessary to be successful in the 21st century workplace. Opportunities are provided for students to combine comprehensive classroom instruction with paid-on-the-job experience. The course consists of topics such as career exploration, finding a job, workplace readiness skills, technology, understanding and working with cultural differences, as well as development of critical thinking and effective interpersonal communication skills. **Prerequisite: Must be enrolled in course # 2650**

COOPERATIVE WORK EXPERIENCE PRACTICUM (CP)

GRADE 12 ONLY

1 credit

Course #2650

The practicum requires that each student hold a part time job in cooperation with an employer within the community and surrounding towns and work at least 12 hours per week. Students will be provided with on-going workplace supervision and evaluation in conjunction with their employer/supervisor to ensure students' educational enrichment and employability. **Prerequisite: Must be enrolled in course # 2651**

BUSINESS MANAGEMENT (CP)

GRADE 9-10-11-12

.5 credit

Course #2645

This course provides is designed to serve all students whose plans are to major in a field related to business and/or to pursue a business-oriented career. Students will receive an introduction to management concepts, theory, and practice. They will gain an understanding of the goals, strategies, structure, technologies, environment, and overall management of business organizations, as well as the motivation and interests of the people involved. Areas of study include: Management Today, The Management Environment, Foundation Skills, and the Five Management Tasks.



ENGLISH

ENGLISH I (H)

GRADE 9

1 credit

Course #3111

English 1 (H) is a beginning program for carefully selected students of exceptional ability and motivation. The program consists of a sequential grammar, writing, and literature curriculum aimed at developing specific skills over a four year period, the expectation being a level of competence acceptable by the best universities.

Prerequisite: Completion of summer reading

ENGLISH I (CP)

GRADE 9

1 credit

Course #3112

This is a traditional program for students of average to high ability who are college bound or who intend to enroll in other post graduate programs. The program includes a complete review of fundamentals of grammar and writing. As well, students will be introduced to the notions of reading for enjoyment and oral discussion. Completion of summer reading required.

ENGLISH I (A)

GRADE 9

1 credit

Course #3113

This level of **ENGLISH I** is open to all students who will benefit from extra support in reading and writing skills. This curriculum parallels that of the college prep program, but utilizes a more developmentally appropriate pace, and more individualized attention.

ENGLISH II (H)

GRADE 10

1 credit

Course #3121

This course will focus on the advancement of critical writing skills through literary interpretation and comprehension. Competence in lengthier writing assignments, independent reading and increased difficulty are a part of this course. Literature being studied will be from the British Tradition.

Prerequisite: Completion of summer reading

ENGLISH II (CP)

GRADE 10

1 credit

Course #3122

A course for the average to high ability student with further practice in correct grammar usage and its application to actual student writing. Students are expected to begin developing an understanding and appreciation for the various types of literature that exist. Literature is in the British Tradition. Completion of summer reading required.

ENGLISH II (A)

GRADE 10

1 credit

Course #3123

This level of **ENGLISH II** is open to all students who will benefit from extra support in reading and writing skills. This curriculum parallels that of the college prep program, but utilizes a more developmentally appropriate pace, and more individualized attention.

ENGLISH III (H) GRADE 11 1 credit

Course #3131

This course will be an intensive approach to literature interpretation and textual analysis. Students will be expected to develop a critical understanding for required texts, and also formulate appropriate interpretations from literary devices used in the text. Writing assignments will be assigned frequently and completion of independent reading is mandatory. The literature studied will be from the American tradition.

Prerequisite: Completion of summer reading

ENGLISH III (CP) GRADE 11 1 credit

Course #3132

A course in advanced writing skills and projects for the average-to-high ability academic student. Completed assignments will be evaluated for textual understanding writing competency. Students will be expected to interpret literature and express their views through written response. This course will offer students a historical perspective of American Literature. Completion of summer reading required.

ENGLISH III (A) GRADE 11 1 credit

Course #3133

This level of **ENGLISH III** is open to all students who will benefit from extra support in reading and writing skills. This curriculum parallels that of the college prep program, but utilizes a more developmentally appropriate pace, and more individualized attention.

ENGLISH IV (AP) Literature and Composition GRADE 12 1 credit

Course #3140

This course is designed for students who wish to take advanced studies with the hope of receiving credit and advanced placement in college. In this course, students are involved in both the study and practice of writing and the study of literature. Through speaking, listening, and reading, and through the experience of their own writing, students become more aware of the resources of language. Writing assignments will focus on the critical analysis of literature and will include essays in exposition and argument. Students will intensively study several representative works from various genres and periods. This course has a mandatory reading list during the summer prior to the course. A minimum of two (2) research papers will be required.

Prerequisite: Completion of summer reading

ENGLISH IV (H) GRADE 12 1 credit

Course #3141

A reading and writing intensive course that will prepare students for the challenges on the collegiate level. The assignments and expectations will focus heavily on the analytical approach to understanding. Frequent writing assignments are required, along with the completion of independent reading assignments. Assignments are expected to be completed at a high level of competency and consist of independent thoughts and views. Literature is in the World Tradition. **Prerequisite: Completion of summer reading**

***ENGLISH IV (CP) GRADE 12 .5/.5 credit**

Students will select from two of the following semester elective courses(*) - one fall course and one spring course - to meet the requirement for one credit in English IV(A)

English Electives

***CREATIVE WRITING (CP) GRADES 11-12 .5 credit**

Course # 3146

Many different writing forms are attempted in this course such as short stories, poems, and plays, and the efforts are shared with the group in a supportive classroom atmosphere.

- *JOURNALISM (CP)** **GRADES 11-12** **.5 credit**
 Course # 3147
 Journalism will provide students with a basic understanding of researching, writing, editing and publishing articles according to journalistic rules and style. This class will teach students to write news, sports, opinion and feature articles, as well as edit those articles. Students will also learn the legal aspects of journalism and the inner workings of a newspaper.
- *FAIRY TALES AND FOLKLORE (A)** **GRADES 11-12** **.5 credit**
 Course # 3149
 This course starts with an overview of the major fairy tale collections – The Brothers Grimm and Jean de la Fontaine. It will also look at regional variations of canonical tales such as Cinderella and Sleeping Beauty. Lastly the majority of the course will examine fairy tales as the basis for literature, focusing on short stories by A.S. Byatt, Margaret Atwood, Angela Carter, Bruno Bettelheim, and the poetry of Anne Sexton.
- *YOUNG ADULT LITERATURE (CP)** **GRADE 12** **.5 credit**
 Course # 3154
 Students will focus their attention on 20th century works that deal with the daily “routine” of being a young adult. The class will examine the representation of young adults within society and their perception through the eyes of the general public. This class will be reading and writing intensive.
- *MYSTERY/SCIENCE FICTION (CP)** **GRADE 12** **.5 credit**
 Course # 3155
 This semester course develops English skills through the genre of mystery. Students read, study, and write about mysteries by authors from Sir Arthur Conan Doyle to Agatha Christie. Novels, short stories, poems, and plays of mystery are included in the course. In addition, students will have an opportunity to write their own mystery stories. They will be expected to relate these works to those discussed in class.
- *SPORTS LITERATURE (CP)** **GRADE 12** **.5 credit**
 Course # 3156
 This course will examine the infusion of sports into modern literature. We will study how two of the most influential areas of American culture merge to create one entity. Our exploration will include biographies of influential figures such as Jackie Robinson, as well as short stories, poems and novels that convey the ideals and values that exist within our society. This is a reading intensive class and requires the student to complete a number of writing assignments throughout the semester.
- FILMS (CP)** **GRADE 10-12** **.5 credit**
 Course #6705
 This course uses the invaluable tool of film to help students interpret and evaluate the theme, imagery, symbolism, and techniques of each film. This course explores films as works of literature. Films are carefully chosen to extend students personal experience and to provide vicarious experiences about which they may think and learn.
- SAT PREP - ENGLISH (CP)** **GRADE 10-11-12** **.5 credit**
 Course #3152
 This course is offered for training in all aspects of taking the SATs. Daily practice in test taking, analysis of test questions and answers, development of mental strategies involved in test taking, vocabulary building. Practice in taking achievement tests will also be available.



ESL

BEGINNING ESL (A)

GRADE 9-10-11-12

1 credit

Course #3100

English as a Second Language for Newcomers and Beginner ESL Students

This course is a beginning course for non-native speakers of English with emphasis on second language acquisition in the areas of basic reading, introduction to writing, listening, and speaking. The course has been designed for the English as a Second language newcomer and beginner student. The class will assist students in the development of essential language skills, appropriate learning strategies, and cross-cultural awareness and sensitivities considered necessary for successful completion of their high school diploma.

INTERMEDIATE ESL (A)

GRADE 9-10-11-12

1 credit

Course #3105

English as a Second Language for Intermediate ESL Students

This course is an intermediate level course for non-native speakers of English with an emphasis on reading comprehension, fluency, listening and writing. Writing includes sentence construction and paragraph development with an emphasis on sentence grammar accuracy, and reading comprehension skills. This class will assist students in the development of essential language skills, appropriate learning strategies, reinforce basic skills in interpersonal communication, speaking and appreciating the American culture while striving to ensure successful completion of their high school diploma.



FOREIGN LANGUAGE

SPANISH

SPANISH I (CP)

1 credit

Course #4315

A beginning Spanish course for those who have never studied the language. This course stresses four skills: listening, speaking, reading, and writing with the goal of beginning proficiency in communication.

SPANISH II (CP)

1 credit

Course #4325

A continuation of Spanish I. The same skills are stressed with the goal of improving proficiency in communication. This course is conducted in Spanish according to the ability of the students.

SPANISH III (CP)

1 credit

Course # 4336

A continuation of Spanish II. The same skills are stressed with the goal of improving proficiency in communication. This course is conducted in Spanish according to the ability of the students.

SPANISH III (H)

1 credit

Course #4335

Advanced development of the four skills. Students will read essays, poetry, plays, and short stories with special units on the culture of Spain and Latin America. Students also prepare original compositions and informal talks in Spanish. This course is conducted totally in Spanish.

SPANISH IV (H)

1 credit

Course #4345

Advanced reading, writing, listening, and speaking experiences for students who wish to develop and maintain a level of proficiency in the Spanish language. This course is conducted totally in Spanish and includes units on Hispanic culture.

SPANISH AP

1 credit

Course #4348

This course is designed for students who have demonstrated high ability and interest in Spanish. In addition to stressing oral proficiency and writing using Spanish literature and contemporary issues, the course includes a thorough review of grammar and vocabulary.



ITALIAN I (CP)

1 credit

Course #4551

This introductory course stresses the four skills of listening, speaking, reading and writing. Verb tenses include the present and past with emphasis on personal expression by the end of the year. The students will be able to read simple passages and communicate in simple topics pertaining to life.

ITALIAN II (CP)

1 credit

Course #4552

Students continue their study of Italian grammar and further develop their oral skills, comprehension, and vocabulary. The emphasis is on speaking, but students will write some short composition and give one oral presentation in Italian. The course is conducted in Italian according to the ability of the students.

ITALIAN III (H)

1 credit

Course #4553

Italian III continues the student's development of listening and speaking skills and reviews more difficult aspects of the Italian Language. Longer and more challenging narratives are employed to increase the use of grammar and to enhance vocabulary skills. Greater weight is placed on oral proficiency and pronunciation. Additional material is introduced into the curriculum on Italian culture, geography, and history.

ITALIAN IV (H)

1 credit

Course #4554

Italian IV refines the study of the Italian language and culture. This course emphasizes the spoken language, with use of all of the major tenses. Practice in composition with intensive grammar and syntax review is included, as well as idiomatic use of Italian as it applies to the written and spoken language.

MATHEMATICS



ALGEBRA I (CP)

GRADE 9

1 credit

Course #8411

This course is designed for math students who have mastered the fundamentals of mathematics and problem solving. This course includes: solving equations, graphing linear equations and inequalities and systems, applying statistics, exploring polynomials, factoring, applying proportional reasoning, exponents, roots and radical expressions and equations. CAPT preparation is woven into the curriculum. This course will prepare students for higher level math and science courses. **Prerequisite: 85 or better in Grade 8 mathematics**

ALGEBRA I (A)

GRADE 9

1 credit

Course #8412

This course covers algebraic reasoning, and problem solving skills that will enable students to see the connections between algebra and the real world. Arithmetic concepts reinforced. Topics include literal numbers, signed numbers, fundamental operations, method of forming and solving linear equations, quadratic products and factoring, fractions, and fractional equations, equations in two unknowns, roots, and powers; quadratic equations in one variable; graphic representation and problem solving are emphasized throughout. The pace of instruction is meant to give the student more time to explore and understand the algebraic concepts under study.

GEOMETRY (H)

GRADE 9-10

1 credit

Course #8421

This honors level course is designed for the advanced math student. It differs from College Prep Geometry in its approach, content, and level of difficulty. Proofs are a major part of the course combined with extensive coverage of such topics as circles, right triangles, triangle inequalities, measurement, points of concurrence, polygons, similarity, and an introduction to trigonometry. Solid topics are discussed throughout the course. Algebraic concepts reinforced. **Prerequisite: Algebra I**

GEOMETRY (CP)

GRADE 9-10

1 credit

Course #8422

This course addresses the essentials of plane geometry: proofs, rectilinear figures, the circle, similar polygons, areas and volumes of polygons, regular polygons, and introduction to trigonometry. Solid topics are discussed throughout the course. Algebraic concepts reinforced. **Prerequisite: Algebra I**

GEOMETRY (A)

GRADE 9-10

1 credit

Course #8423

This course is designed to present all of the geometric concepts of a formal geometry course in an investigative and application-oriented format. Concepts of this course include congruence, similarity, and parallel and perpendicular lines. Specific topics which will be studied are measures, points, lines, planes, triangles, quadrilaterals (and other polygons), circles, areas, and volumes. Algebraic concepts reinforced.

Prerequisite: Algebra I

ALGEBRA II (H)

GRADE 10-11

1 credit

Course #8431

Algebra II Honors explores the following topics in depth: fundamental operations, factoring, fractions, linear equation in one unknown, linear systems, determinants, square root, exponents, radicals, functions and graphs, quadratic equations, higher order inequalities, systems solvable by quadratics, the binomial theorem, logarithms, conic sections introduction to trigonometry, and complex numbers. Graphic representation and problem solving are emphasized throughout. **Prerequisite: Algebra I and Geometry.**

ALGEBRA II (CP) Course #8432	GRADE 10-11	1 credit
This is a traditional college preparatory second year algebra course designed to prepare students for the SAT and higher level mathematics courses including Pre-Calculus, Statistics, or Trigonometry. Topics include: solving and graphing linear and quadratic equations and inequalities, identifying and graphing conic sections, working with exponents and solving exponential equations, applying concepts of the Real and Complex number systems, trigonometry, and making real world connections and applications using these tools. Graphic representation and problem solving are emphasized throughout. Prerequisite: Algebra I and Geometry.		
TRIGONOMETRY (CP) Course #8440	GRADE 11-12	.5 credit
Topics are extensive study of special products, factoring, exponents and powers, polynomial functions, problem solving, trigonometric functions, use of tables, and sequence and permutations. Emphasis is on application and thought processes. It is recommended for students planning a technical career. Prerequisite: Algebra II		
STATISTICS (CP) Course # 8443	GRADE 11 – 12	.5 credit
Students explore data, work with the normal distribution, examine relationships and simulate experiments. Probability models, random variables and distributions are studied along with tests of significance. Prerequisite: Algebra II		
PRE-CALCULUS (H) Course #8441	GRADE 11	1 credit
Contents include definitions and algebra of functions, polynomials, exponential, logarithmic functions, trigonometric functions including polar coordinates and complex numbers, inductive proofs, arithmetic and geometric progressions and series. Graphic representation and application problems included. Prerequisite: Algebra II		
CALCULUS (H) Course # 8450	GRADE 12	1 credit
This is an introductory course in differential and integral calculus with strong emphasis on applications to the field of business, social science and life science. Topics covered include functions, limits, rates of change, differentiation, maxima and minima problems, integration techniques, and applications. There is extensive use of the graphic calculator. Prerequisite: Pre-Calculus.		
CALCULUS (AP) Course #8451	GRADE 12	1 credit
This course is a full-year course in Calculus and Analytic Geometry. Topics include: limits, derivatives as limits, derivatives of algebraic functions, continuity applications of the derivative of algebraic functions, differentiation of non algebraic functions, development of the integral by upper and lower Riemann sums, integration rules for algebraic functions, area under a curve, the first and second fundamental theorems of Calculus, applications of the definite integral, and methods of the integration and infinite series. This course is designed to meet the standards of the AP test. Students who elect this course must be willing to put an exceptional amount of time and effort into it. Prerequisite: Pre-Calculus.		



BAND (CP) Course #1816 Band offers students the opportunity to study instrumental music in a group setting. There are several required performances throughout the year. Students learn proper instrumental techniques, harmony and theory, and performance practices. After school commitment is included in grade. Open to all students; no prior experience required.	GRADE 9-10-11-12	1 credit
BAND (H) Course #1817 With instructor's permission only. Students wishing to take on added challenges and responsibilities have the option to take band at the honors level. This class meets during regular band. Honor students must complete three additional components: they must audition for the Southern Connecticut Regional Music Festival; they must prepare a 20-minute recital of solo and small ensemble works to be performed in June; and they must take private lessons during the school year.	GRADE 9-10-11-12	1 credit
CONCERT CHOIR (CP) Course #1814 Concert choir offers students the opportunity to study vocal music in a group setting. There are several required performances throughout the school year. Students learn proper vocal techniques, harmony and theory, and performance practices. After school commitments are included in grade. Open to all students; no prior experience required.	GRADE 9-10-11-12	1 credit
CONCERT CHOIR (H) Course #1812 With instructor's permission only. Students wishing to take on added challenges and responsibilities have the option to take choir at the honors level. This class meets during regular choir. Honors students must complete three additional components: they must audition for the Southern Connecticut Regional Music Festival; they must prepare a 20-minute recital of solo and small ensemble works to be performed in June; and they must take private lessons during the school year.	GRADE 9-10-11-12	1 credit
JAZZ ENSEMBLE (H) Course #1801 Jazz Ensemble meets twice per week after school. Students study various jazz techniques, history, styles and performance practices. Eligible instrumentation includes all band instruments, bass, guitar, and voice. Open to all students. No audition required, but prior music experience encouraged.	GRADE 9-10-11-12	1 credit
MUSIC LEADERSHIP (H) Course #1836 With instructor's permission only. Advanced students wishing to pursue independent projects and assume a more prominent leadership position in the music department should take this course. Students will study one topic in depth each semester. Students may also lead small groups of younger students during band or choir class. This is an excellent class for those intending to study music in college. May be repeated for a total of one (1) credit.	GRADE 11-12	.5 credit

MUSIC APPRECIATION (CP)

GRADE 9-10-11-12

.5 credit

Course # 1837

This course is designed for the student with no previous music experience. The students will learn to read and write basic musical notation, as well as learn to play the guitar. We will take a brief look into music history, focusing on the recent styles of Jazz, Rock, Rap, R 'n B, and Alternative.



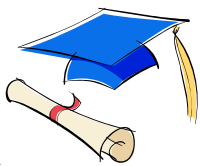
ONLINE COURSES

☐ VIRTUAL HIGH SCHOOL

GRADES 9 – 12

Course #0040

The Virtual High School program offers online courses for students interested in enrolling in an advanced course or in an elective course not offered within the DHS selection of classes. Course selection and enrollment is handled through the guidance counselor and the VHS site coordinator. Students will experience learning in an online environment as well as attending class with students from all over the world through VHS. *Courses may be either a semester (.5 credit) or a full year course (1 credit).* The same add/drop policy applies for online courses as it does for classes taken at DHS.



VOLUNTEER/CAREER

SCHOOL VOLUNTEERISM

GRADE 11-12

.5 credit

Course #0009

Students will be granted credit for completing volunteer hours within the high school. This can be done in a variety of settings such as the library, main office, guidance office, and with custodial staff. The volunteer work takes place during a free period, in place of a study hall. This course is offered on a first come first serve basis, and **the instructor's permission is required.** Offered both semesters and may be repeated for a total of one credit.

COMMUNITY VOLUNTEERISM

GRADE 9-10-11-12

1 credit

A student will be granted 1 credit for 150 hours of volunteer service to the community. The student must register in Guidance and **credit will be granted when proof of service has been submitted.** The hours need not be accumulated in any one year. Arrangements for this course must be made through the guidance office.



PHYSICAL EDUCATION/HEALTH

PHYSICAL EDUCATION

GRADE 9

.4 credit

Course # 5911

PHYSICAL EDUCATION

GRADE 10

.6 credit

Course # 5921

This is a required course of study for graduation. The physical education program focuses on activities and instruction that promote beneficial physical fitness habits, group interaction and team-building skills through a sequential program of sport, leisure and recreational activities. Students are instructed in the necessary skills in order to participate in a variety of physically related experiences, which are socially sound, physically wholesome and provide lifetime benefits. Activities offered are touch football, badminton, track and field, softball, fitness, pickle ball, volleyball, indoor and outdoor soccer, floor hockey, team handball, basketball and aerobics.

HEALTH

GRADE 9

.5 credit

Course # 5912

This is a required course of study for graduation. This course is intended to build upon and expand student knowledge of physical, emotional and mental health issues. Topics such as family life, nutrition, substance abuse, consumer education, sexually transmitted diseases and AIDS are studied. The curriculum addresses knowledge, attitude and skill development and provides opportunities for students to practice skills that promote lifelong health and well-being.

Physical Education/Health Electives

WELLNESS AND STRESS MANAGEMENT

GRADES 11-12

.2 credit

Course # 5932

Wellness and stress management is a comprehensive study of understanding the nature of stress and its impact on health, behavior, and overall well-being. Offered two days per week for one semester.

LIFETIME FITNESS

GRADES 11-12

.2 credit

Course # 5933

This course will demonstrate and promote the importance of fitness for life including proper nutrition, muscular strength and muscular endurance classes, step aerobics, the use of alternative forms of exercise equipment and setting up personal training programs. Offered two days per week for one semester.

LIFETIME SPORTS

GRADES 11-12

.2 credit

Course # 5935

This course is designed to teach net, wall, bat, ball, group games, and other innovative activities. It will also focus on developing knowledge and skills that will improve overall lifetime fitness, health and enjoyment of physical activity. Offered two days per week for one semester.

CURRENT ISSUES IN HEALTH

GRADES 11-12

.2 credit

Course # 5934

This survey course in health issues will provide an in-depth study of health issues that are currently in the news and of concern to young adults. Offered two days per week for one semester.

**SCIENCE & SOCIETY (CP)****GRADE 9****1 credit**

Course #9512

This course has eight areas of focus. One area of study involves the earth's oceans and climates. The majority of this course will involve Physical Science areas of concentration involving the physics of particles, electromagnetic systems, sound, light, and machines. The purpose of this course is to prepare the students for further study of advance science concepts covered in later courses.

SCIENCE & SOCIETY (H)**GRADE 9****1 credit**

Course # 9510

This course has eight areas of focus. One area of study involves the earth's oceans and climates. The majority of this course will involve Physical Science areas of concentration involving the physics of particles, electromagnetic systems, sound, light, and machines. The purpose of this course is to prepare the students for further study of advance science concepts covered in later courses.

BIOLOGY/LAB (CP)**GRADE 10****1.2 credit**

Course #9522

This course is designed to familiarize the student with the nature and continuity of life, microbiology, elements of zoology and botany, human biology, and ecological relationships. A variety of laboratory experiences is included.

BIOLOGY/LAB (H)**GRADE 10****1.2 credit**

Course #9521

This course is designed to familiarize the student with the nature and continuity of life, microbiology, elements of zoology and botany, human biology, and ecological relationships. A variety of laboratory experiences is included. An independent project is an integral part of the course each semester.

ANATOMY AND PHYSIOLOGY/LAB (CP)**GRADE 10-11-12****1 credit**

Course #9525

This course covers the structure and function of the human body. The overall content of the course is a detailed study of the major systems of the human body. Appropriate laboratory work is provided.

ANATOMY AND PHYSIOLOGY/LAB (H)**GRADE 10-11-12****1.2 credit**

Course #9524

This course covers the structure and function of the human body. The overall content of the course is a detailed study of the major systems of the human body. Appropriate laboratory work is provided. The course is especially recommended for students interested in nursing, health, or medical careers.

PHYSICS/LAB (CP)**GRADE 11-12****1.2 credit**

Course #9542

This course is recommended for the college-bound student planning a career in a non-technical field. Course content similar to that listed in the honors program. **Prerequisite: Algebra II & Geometry**

PHYSICS/LAB (H) Course #9541	GRADE 11-12	1.2 credit
This course is recommended for students planning careers in mathematics, science, engineering, or technology. Contents include a study of mechanics of speed, laws of motion, friction, vector analysis, temperature and thermometry, sound, electricity and electronics, light, magnetism, and nuclear energy. It is accompanied by related laboratory; work. Prerequisite: Algebra II & Geometry		
CHEMISTRY/LAB (CP) Course #9532	GRADE 10-11-12	1.2 credit
This course is recommended for the college-bound student planning a career in a non-technical field. Course content similar to that listed in the honors program.		
CHEMISTRY/LAB (H) Course #9531	GRADE 10-11-12	1.2 credit
This course deals with the structure and composition of substances and the changes in composition, and the mechanisms by which these changes occur. Topics covered include: atomic structure, chemical bonding, periodic classification, physical states of matter, solutions and suspensions, chemical reactions, and properties of common elements and compounds. It is accompanied by appropriate laboratory work.		
ENVIRONMENTAL SCIENCE (CP) Course # 9611	GRADE 11-12	.5 credit
The course will examine topics such as ecology, population, water, air and land use, mineral and energy resources, health and our future. Students will participate in projects, lab activities and research to further their understanding about why things are the way they are and how things happen the way they do. Students will learn about many complex issues facing our environment and a variety of differing opinions. As their knowledge and skills in environmental science grows, so will their ability to draw their own conclusions. Prerequisites: Biology		
FORENSICS (CP) Course # 9533	GRADE 11-12	.5 credit
The course focuses on the collection, identification and analysis of crime scene evidence. Emphasis will be placed on the methods that link suspect, victim and crime scene. Laboratory activities include finger printing, handwriting analysis, ballistics, blood typing, hair and fiber examination and DNA analysis. Case studies and current events will be studied.		



SOCIAL STUDIES

ANCIENT WORLD HISTORY (CP)

GRADE 9

1 credit

Course #0222

Focus is on Ancient Civilizations through the Middle Ages. Students will investigate the rise, glory, and decline of civilizations. The course will include strategies for the Connecticut Academic Performance Test (CAPT)

ANCIENT WORLD HISTORY (H)

GRADE 9

1 credit

Course #0225

Focus is on Ancient Civilizations through the Middle Ages. Students will investigate the rise, glory, and decline of civilizations. Course includes outside readings and critical analysis of primary source documents. The course will include strategies for the Connecticut Academic Performance Test (CAPT).

MODERN WORLD HISTORY (CP)

GRADE 10

1 credit

Course #0223

Focus is on the powerful leaders, places, and ideologies that shaped history from the Renaissance to the present. This course will include strategies for the Connecticut Academic Performance Test (CAPT).

MODERN WORLD HISTORY (H)

GRADE 10

1 credit

Course #0226

Focus is on the powerful leaders, places, and ideologies that shaped history from the Renaissance to the present. Course develops research skills and incorporates extensive reading and writing. This course will include strategies for the Connecticut Academic Performance Test (CAPT).

UNITED STATES HISTORY (AP)

GRADE 11

1 credit

Course #0230

This college level survey course will provide an in depth study of United States History. The course will cover all aspects of our nation's political, economic, and social development as a nation. Extensive reading and writing will be required in this course.

UNITED STATES HISTORY (CP)

GRADE 11

1 credit

Course #0231

Focus is on United States History from 1877 to the present. Students will investigate, analyze, and evaluate difficult moments in American History. United States History is a requirement for graduation.

UNITED STATES HISTORY (H)

GRADE 11

1 credit

Course #0229

Focus is on United States History from 1877 to the present. Students will investigate, analyze, and evaluate difficult moments in American History. Course includes outside readings and critical analysis of primary source documents.

CIVICS (CP) **GRADE 11-12** **.5 credit**
Course #0240

(Effective with the class of 2011)

Focus is on the fundamentals of our American Republic. The course is designed to guide students to an understanding of our political system and to prepare students for the responsibilities of citizenship.

HIST 1501 United States History to 1877 (ECE) **GRADE 11** **.5 credit**
Course #0203

Surveys political, economic, social and cultural developments in American History through the Civil War and Reconstruction. Extensive reading and writing will be required in this course. **(3 UCONN credits)**

HIST 1502 United States History since 1877 (ECE) **GRADE 11** **.5 credit**
Course #0204

Surveys political, economic, social and cultural developments from 1877 to the present. Extensive reading and writing will be required. **Prerequisite: HIST 1501. (3 UCONN credits)**

HIST 1300 Western Traditions before 1500 (ECE) **GRADE 11-12** **1 credit**
Course #0200

An analysis of the tradition and changes which have shaped Western political institutions, economic systems, social structures and cultures in ancient and medieval times. **(3 UCONN credits)**

Social Studies Electives

PSYCHOLOGY (CP) **GRADE 11-12** **.5 credit**
Course #0251

This introductory course will provide a foundation for those students who are interested in the field of psychology. Throughout the year topics to be explored include, but are not limited to, the roles of the body and brain in human behavior, the process of consciousness, the causes of mental illness, human intelligence, personality, psychological testing, the roles of sleep and dreams, developmental psychology, and nature vs. nurture.

PSYCHOLOGY (AP) **GRADE 11-12** **1 credit**
Course #0250

This college level course will present the different sub-areas of psychology. The material will be organized around four main questions: how do humans (and, where relevant, animals) act, how do they know, how do they interact, and how do they differ from each other? Specific material to be covered will include classical and instrumental conditioning; cognition (which includes perception, memory, thinking process); biological basis of social behavior; personality development (Freud, Jung, Phenomenological and Dispositional Schools); individual differences (intelligence, heredity and environment); abnormal psychology.

MILITARY HISTORY (CP) **GRADES 11-12** **.5 credit**
Course # 0235

Focus is on the military leaders and battles through history that have brought the world to the place it is today.

HOLOCAUST STUDIES (CP) **GRADE 11-12** **.5 credit**
Course # 0238

This course in Holocaust studies is a comprehensive study of the events leading up to the Holocaust and of the Holocaust itself.

SPECIAL EDUCATION



PRACTICAL MATH I (G)

1 credit

Course #8002

At the outset of this course all students are given a battery of math skill tests. Based on the results of these tests, each student is placed into an individualized basic math program designed to enhance both computational and comprehension skills. Other areas covered in this course are math survival skills, banking, budgeting, etc.

Prerequisite: PPT referral

PRACTICAL MATH II (G)

1 credit

Course #8402

At the outset of this course all students are given a battery of math skill tests. Based on the results of these tests, each student is placed into an individualized basic math program designed to enhance both computational and comprehension skills. Other areas covered in this course are math survival skills, banking, budgeting, etc.

Prerequisite: PPT referral

PRACTICAL ENGLISH I (G)

1 credit

Course # 8001

A program designed to enhance reading comprehension, spelling, and writing skills. Other areas covered are basic grammar and language arts.

Prerequisite: PPT referral

PRACTICAL ENGLISH II (G)

1 credit

Course # 8401

Continuation of Practical English I. **Prerequisite: PPT referral.**

LIFE SKILLS (G)

.5 credit

Course #8005

A program that provides instruction for students in the areas of job seeking, shopping, voting, budgeting, renting, reading schedules, want-ads, phone books, etc. as well as heightening the students' awareness of the importance of critical attitudes. It involves the student in a process of self-assessment and goal setting, and includes all skills that are essential to normal independent functioning in our society.

Prerequisite: PPT referral

RESOURCE (G)

1 credit

Course # 5000

Students report to the Resource Room for support services in their regular program. Special attention is given to math, English, language arts, and science. This is also an individualized program. This is a pass/fail course.

Prerequisite: PPT referral

WORK OCCUPATION (G)

1 credit

Course #0050

Students will be placed in a work environment designed to enhance everyday living skills, as well as future occupational skills. **Prerequisite: PPT referral**

TECHNICAL EDUCATION



TECH ED I (CP)

GRADE 9-12

1 credit

Course #7721

The Tech Ed, students will expand upon skills learned in the 7th and 8th grades. Projects such as CO2 cars, model planes, and magnetic levitation are used to explore technical education.

WOODWORKING I (CP)

GRADE 9-12

1 credit

Course #7719

In Woodworking, students will learn how to use basic woodworking tools and power equipment by building various woods projects.

TECH ED II (CP)

GRADE 10-12

1 credit

Course #7722

Students will continue to explore how technology has, and will continue to impact our world. Students will further enhance skills acquired in previous Tech Ed classes through hand-on projects. Projects such as Robotics, Rocketry, Small Gas Engines, Computer Repair, Boat Hull Designs, Robot Wars, and Magnetic Levitation will be offered. **Prerequisite: Tech Ed I**

WOODWORKING II (CP)

GRADE 10-12

1 credit

Course #7729

The students will develop a deeper understanding of wood and wood products. They will gain a better knowledge of power tools and their uses. A mass production project will be made to teach students how cooperative work is important. **Prerequisite: Woodworking I**

WOODWORKING III (CP)

GRADE 11-12

1 credit

Course #7739

The students will be introduced to building construction. House construction, sheds and decks will be discussed and studied. Advanced power tool operations will be demonstrated and performed by the students. Finishing techniques will be studied and used in greater detail. **Prerequisite: Woodworking I, II**

INDEPENDENT STUDY/PROJECT (CP)

GRADE 12

.5 credit

Course #7751

This course is only offered to students who have completed appropriate Tech Ed courses and have demonstrated a mastery of the skills and concepts taught. May be repeated for a total of one credit. **Instructor's permission required.**

