

**DURAND
HIGH SCHOOL
COURSE DESCRIPTIONS**

2011/2012

TABLE OF CONTENTS

<u>GRADUATION REQUIREMENTS</u>	<u>3</u>
<u>ACADEMIC REQUIREMENTS & RECOMMENDATIONS.....</u>	<u>5</u>
<u>FOUR YEAR PLAN.....</u>	<u>6</u>
<u>SPECIAL EDUCATION.....</u>	<u>8</u>
<u>BUSINESS DEPARTMENT</u>	<u>9</u>
<u>OCCUPATIONAL EDUCATION DEPARTMENT</u>	<u>12</u>
<u>DRIVERS EDUCATION DEPARTMENT</u>	<u>12</u>
<u>ENGLISH DEPARTMENT.....</u>	<u>13</u>
<u>FAMILY AND CONSUMER SCIENCE.....</u>	<u>15</u>
<u>FINE ARTS</u>	<u>17</u>
<u>FOREIGN LANGUAGE DEPARTMENT</u>	<u>18</u>
<u>INDUSTRIAL ARTS & TECHNOLOGY EDUCATION</u>	<u>19</u>
<u>MATH DEPARTMENT</u>	<u>21</u>
<u>HEALTH DEPARTMENT</u>	<u>22</u>
<u>PHYSICAL EDUCATION DEPARTMENT.....</u>	<u>23</u>
<u>SCIENCE DEPARTMENT</u>	<u>23</u>
<u>SOCIAL STUDIES DEPARTMENT.....</u>	<u>25</u>
<u>TEACHER STUDENT AIDE.....</u>	<u>26</u>
<u>CAREER TEC.....</u>	<u>26</u>

GRADUATION REQUIREMENTS

Total Requirements:	28 credits
Required Classes:	18.5 credits
Electives:	9.5 credits minimum

Although 28 credits is the minimum to graduate, we recommend that students explore other opportunities and leave Durand High School with additional credits. We recommend that seniors select challenging classes that will provide them with advantages in further schooling or a career. Students should plan their course schedule for their entire high school duration and carefully revise this schedule annually. We urge students to check with the guidance department to be sure they are completing the necessary requirements for graduation and for their post high school endeavors. Use the Academic Requirements chart on Page 5 for Durand Graduation Requirements and as a reference for your 4-year plan. Use the 4-year plan on Page 6 to begin mapping out your plan to take all the courses you need for graduation and career/college.

One half (1/2) academic credit is earned per semester for each course successfully completed. Successful completion is indicated by earning a grade of “D” or better for the semester. Students enrolled in courses that meet for the entire school year will earn ½ academic credit per semester of successful completion or 1 academic credit for the entire year.

If a student does not achieve a passing grade in a semester of any required courses, the student must retake that course until a passing grade is received. Repeated failing grades, required or elective, may jeopardize the student’s ability to earn the required academic credits in four years. Summer school, approved correspondence courses, or an extra semester of attendance may be necessary to achieve graduation.

To move to the next grade a student must have earned the following credits by the end of the school year.

Freshman	5 credits
Sophomore	12 credits
Junior	20 credits

As deficiencies are corrected, the student’s status will be reviewed.

PRAIRIE STATE ACHIEVEMENT EXAM

As of August 3, 2004, all students are required to take Day 1 and Day 2 of the Prairie State Achievement Exam (PSAE) as a condition of receiving a regular high school diploma unless the student is exempt.

DIPLOMAS

High school diplomas will be issued at the end of the school year in which the students fulfill the requirements for graduation. If a student fulfills these requirements prior to that time, a letter certifying this completion will be issued by the administration upon the request of the student.

CORRESPONDENCE COURSES

Correspondence courses are not approved toward graduation requirements unless they are to make up a deficit in credits that cannot be obtained by regular scheduling. They may be approved as enrichment courses not offered at Durand High School. Approval must be obtained from the principal. Students must attain junior status by credits in order to be considered for correspondence courses. Up to 6 credits may be taken through correspondence courses toward graduation.

EARLY GRADUATION

The normal recommended time for students to complete their high school education at Durand High School is four full years of attendance. Early graduation is considered to be an exceptional situation. Correspondence courses are not approved toward early graduation.

Application to graduate early must be made by April 1 of their junior year. Students must have written parental approval and a completed application submitted to the Counselor by April 1 of their junior year. Students must be able to complete all graduation requirements by the end of the seventh semester without the use of correspondence courses. Diplomas will be awarded at the end of the year. Students will take first semester final exams. A student enrolled in the CareerTec Program senior year may not apply for early graduation. Students graduating early are not entitled to school activities during the second semester.

DUAL CREDIT POLICY

A student at Durand High School may receive dual credit from Rock Valley College or Highland Community College while earning high school credit at Durand High School, with the following conditions:

1. Approval from Durand High School Principal
2. The student is a senior.
3. The curriculum at Durand prohibits further advancement in the subject area being considered, or is not offered at Durand High School.
4. The student takes 2 courses during 4th block period or after the regular Durand High School schedule.
5. The student is responsible for his/her own transportation, tuition, books and fees.
6. The course will count in the student's GPA. Students must submit a transcript to the counselor to receive credit.

ACADEMIC REQUIREMENTS & RECOMMENDATIONS

SUBJECTS	DURAND HIGH SCHOOL GRADUATION REQUIREMENTS	COLLEGE and UNIVERSITY ENTRANCE REQUIREMENTS (Check with individual colleges and universities)	WORK, APPRENTICESHIP & COMMUNITY COLLEGE RECOMMENDATIONS
ENGLISH SPEECH	<u>4 CREDITS</u> Eng. 9-10-11-12 .5 Credit	<u>4 CREDITS</u> 9-10-11-12 Honors level College prep electives Composition, Speech & Literature	<u>4 CREDITS</u> 9-10-11-12 Choice of electives
MATHEMATICS	<u>3 CREDITS</u> Algebra I Geometry/Tech Geom Algebra II/Math 11	<u>3 CREDITS</u> Algebra I Geometry Algebra II Advanced Math	<u>2-3 CREDITS</u> Algebra Geometry/Tech Geom Algebra II/Math 11
SCIENCE	<u>2 CREDITS</u> Physical Science Biology or Global Science	<u>3-4 CREDITS</u> Lab Sciences: Physical Science Biology Chemistry Anatomy & Phys. Physics	<u>2-3 CREDITS</u> Physical Science Global Science Biology Chemistry
SOCIAL STUDIES	<u>3 CREDITS</u> World History U.S. History Found. & Gov.	<u>3 CREDITS</u> World History U.S. History Found. & Gov.	<u>3 CREDITS</u> World History U.S. History Found. & Gov.
FOREIGN LANG.		<u>2 CREDITS</u> Same Foreign Lang.	Beneficial for employment
FINE, VOCATIONAL, PRACTICAL ARTS OTHER ELECTIVES	<u>1 CREDIT</u> Music, Art, Foreign Language or Vocational 8.5	<u>2 CREDITS</u> Art, Music, Vocational Or Foreign Language	<u>3-4 CREDITS</u> Fine Arts, Business Family & Consumer Science, Technology CareerTEC Occupational Ed
KEYBOARDING COMP. CEPTS.	Pass in 8 th grade or .5 Credit or pass proficiency test .5 Credit	Pass in 8 th grade or .5 Credit or pass proficiency test .5 Credit	Pass in 8 th grade or .5 Credit or pass proficiency test .5 Credit
PHYSICAL ED. or NJROTC	3.5 Credit	3.5 Credit	3.5 Credit
HEALTH	.5 Credit	.5 Credit	.5 Credit
CONSUMER/ CAREER ED.	.5 Credit	.5 Credit	.5 Credit
DR. ED.	.5 Credit	.5 Credit	.5 Credit

FOUR-YEAR PLAN

This page should be used as a worksheet by student and parent when planning the student's four-year curriculum. Required courses have already been put into place during the appropriate year. Electives should be chosen to meet the goals and needs of the student. Use the State University At-A-Glance page and the Foreign Language Chart to help make your elective decisions.

All students are required to earn at least **28 credits** of possible 32 to meet graduation requirements. It is suggested that requirements be taken in the proposed grade slots to better enhance selections for career choices. As there will be no study halls offered, please make certain that you have enough courses to fill eight periods both semesters.

FRESHMAN Year 8 credits	SOPHOMORE Year 8 credits
1. English 9	1. English 10
2. Math	2. Math
3. Physical Science	3. Science
4. PE	4. U.S. History
5. World History	5. Driver Ed (1 sem)/Speech (1 sem)
6. Keyboarding (without proficiency test)/ Computer Concepts (1 sem)	6. PE (1 sem)/Health (1 sem)
7.	7.
8.	8.

JUNIOR Year 8 credits	SENIOR Year 8 credits 32 possible credits
1. English 11	1. English 12
2. Foundations and Government	2. PE
3. PE	3.
4. Consumer/Career Education//	4.
5. Math	5.
6.	6.
7.	7.
8.	8.

MINIMUM COLLEGE ADMISSION REQUIREMENTS

The State of Illinois Board of Higher Education has established state wide minimum standards for public colleges and universities in Illinois. The following high school subjects are required of freshmen entering community colleges, transfer programs and public universities.

<u>Years</u>	<u>Subject</u>
4	English (emphasizing written and oral comment)
3	Social Studies (emphasizing history, literature, government)
3	Mathematics (Algebra, Geometry, Algebra II)
3	Science – laboratory sciences
2	Art, foreign language, music or vocational education
	Some institutions will require 2 years of the same foreign language for admissions or bachelor’s degree.

SCHEDULE CHANGE PROCEDURE

A student’s course program is based upon the course choices that students make during this initial spring scheduling process. We suggest that students make responsible choices in their course selection during spring registration. All schedule adjustments must be requested through the Guidance Office. Classes will not be over loaded to accommodate requests. Schedule changes will only be considered for valid reasons.

Students may change their schedules within the first 6 days of each semester. Year long classes will only be changed within the first 6 days of first semester.

Program changes can produce the following undesirable effects: reduced class size to the point where it is no longer practical to offer the course; increased class enrollment to the extent that a good learning environment will no longer be possible; difficulty for teachers to begin instruction at the start of the semester; and the suggestion to students that prior planning is not important to the development of their schedule.

Permissible Program Changes:

The student has failed a class that is a pre-requisite for the course they selected during scheduling.

Evidence of a coding or scheduling/computer error.

Recommendation of the principal for a course to be dropped for non-attendance, behavior and achievement problems.

Non-permissible Changes:

Student wishes to drop a course and add another course after registration is complete.

Student wishes to change to a different teacher.

Employment hours conflict with school schedule.

CareerTEC withdrawal at semester.

Year long classes at semester

Withdrawal From Class:

Students wishing to withdraw from a class may initiate the class withdrawal procedure by making an appointment with the guidance counselor to review and begin the process. Parental permission is needed. The grade given will be an F and the student will remain in the classroom.

A change from a CareerTEC Program will necessitate payment of the tuition to the Career Tec Program by the student to cover the cost of the class.

No additional electives will be added to the student's schedule until the tuition is paid.

SPECIAL EDUCATION**Supervised Study/Academic Subject Programming:**

Grade level 9, 10, 11, 12, this is a two-fold program:

- a. Designed for the improvement of study skills through academic assistance in content areas.
- b. Individualized academic subject instruction.

BUSINESS DEPARTMENT

KEYBOARDING AND FORMATTING

HBU101

Grade 9

1 Semester

REQUIRED

.5 credit

Durand students take Keyboarding during their 8th grade year. If a student does not pass 8th Grade Keyboarding, he/she will be enrolled in Keyboarding in high school. Transfer students can pass a proficiency test to waive this requirement.

Keyboarding and Formatting I is a course designed to develop basic skills in touch keyboarding techniques for entering alphabetic, numeric, and symbol information found on computers and terminals. Students will learn to edit and format text and paragraphs, change fonts, work with headers and footers, cut and paste text, create and use tab keys, create labels, and work with multiple windows. Students will format documents such as letters, envelopes, memorandums, reports, and tables for personal, educational, and business uses. During the second half of the course, major emphasis is placed on formatting documents, improving proofreading skills, and increasing speed and accuracy.

COMPUTER CONCEPTS AND SOFTWARE APPLICATIONS

HBU103

Grades 9-10-11-12

1 Semester

REQUIRED

.5 credit

Prerequisite – Keyboarding and Formatting I or pass proficiency test

Computer Concepts and Software Applications is an orientation-level course that develops awareness and understanding of how technology impacts the application of data processing concepts, software, and equipment to accomplish tasks typically performed by employees in the business, marketing and management occupational areas. The focus of this course is on the use of software packages that form a core used by business and industry.

Students have frequent hands-on experience in the use of integrated word processing, database, spreadsheets, and presentation software using MS Office 2007. (These include: Word, PowerPoint, Excel and Access.) Instruction will focus on using electronic data processing principles and concepts to handle typical business activities.

INTRODUCTION TO BUSINESS

HBU104

Grades 9-10-11-12

1 Semester

.5 credit

This is a semester orientation course recommended for 9th grade students who desire a career in business, marketing and management occupations. Students learn basic math skills that are necessary to be productive in the business world. Some of the specific business principles include: making economic decisions, learning economic systems, entrepreneurship, the orientation to various types of businesses, the business cycle, business ethics, business math, international business, and employability skills.

INTRODUCTION TO ACCOUNTING

HBU105

Grades 9-10-11-12

1 Semester

.5 credit

This course provides planned learning experiences and activities including planning to keep financial records, summarizing them for convenient interpretation, and analyzing them to advise what should be done. Practical applications are used and basic fundamentals and terminology of accounting are stressed. In addition, time is spent on job opportunities, needed skills and preparation for entry-level employment. Keyboarding I skill is necessary. Computer use required.

INTRODUCTION TO MULTIMEDIA

HBU107

Grades: 9-10-11-12

1 Semester

.5 credit

This course is designed to introduce students to the basic craft, design, and terminology used in multimedia authoring. The course will teach students how to properly layout publications such as programs, newsletters, posters, and flyers. Students will also learn how to use digital cameras,

scanners, and editing programs to create publications. Students will be introduced to the use of green-screen technology to create digital images. Students will learn to create sound files, manipulate sound files, create and publish podcasts, and create ringtones. Students will learn to create movie presentations using Windows Moviemaker, narrate presentations and create CD projects using Windows Media Player. Students will learn how to create a webpage using Microsoft Word, PowerPoint and Publisher. A unit on copyright laws will be covered. Students will produce projects that are used for various school functions.

MULTIMEDIA

HBU206 Grades: 10-11-12 2 semesters 1 credit
Multimedia is designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors and graphic editors. Students will work in a project-based environment to create a working website. Instruction will include using multimedia authoring applications to create a website that combines text, hyperlinks, images, video and sound. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Student will use hardware and software to capture, edit, create and compress audio and video clips.

ADVANCED MULTIMEDIA

HBU308 Grades 11-12 2 semesters 1 credit
Prerequisite: Multimedia
This course will explore advanced multimedia topics as they pertain to computer technology. Instruction will include using multimedia authoring applications to create and maintain specific sections of the district Web site that combine text, hyperlinks, images, video, and sound. Instruction will include using hardware and software to capture, edit, create, and compress audio and video clips as well as create animated text, graphics, and images. Students will be introduced to advanced web design and video production concepts using the software programs Illustrator, Flash, Dreamweaver, Photoshop, and Visual Communicator. **This course may be repeated.** Course content includes the production of the yearbook and the maintenance of specific sections of the district Web site.

BUSINESS LAW

HBU201 Grades 10-11-12 1 Semester .5 credit
A one-semester course that covers and reviews the law as it relates generally to society; and particularly to the citizen, the minor, and the consumer. Ethics, criminal law, societal problems, trial procedures, contracts, insurance, and employment protection/equal opportunity topics are studied. Participation in a student mock trial and/or debate, if scheduled, is required. Participation in a field trip to Winnebago County Courthouse is required.

INFORMATION PROCESSING I

HBU310 Grades 11-12 2 semesters 1 credit
Information Processing I is a skill-leveled course that includes the concepts and Terminology related to the people, equipment, and procedures of information processing as well as skill development in the use of information processing equipment. Students will operate computer equipment to prepare memos, letters, reports, and forms. Students will create rough drafts, correct copy, process incoming and outgoing telephone calls and mail, transmit and receive messages electronically. Students will create, input, and update databases and spreadsheets. Students will create data directories; copy, rename, move, and delete files, and perform backup procedures. In addition, students will prepare files to merge, as well as create mailing labels and envelopes from merge files. Students will learn to locate and retrieve information from hard copy and electronic sources, and prepare masters for presentations using presentation software. Students will apply proper grammar, punctuation, spelling and proofreading practices. Accuracy will be emphasized.

Workplace skills as well as communication skills (thinking, listening, composing, revising, editing, and speaking) will be taught and integrated throughout this course.

CAREER/CONSUMER EDUCATION

HBU300

Grade 11

REQUIRED

1 semester .5 credit

The Consumer Economics portion acquaints the student with basic economic concepts and principles as they relate to daily living; and assists them in making rational decisions that deal with the concepts of banking, credit, loans, budgeting, taxes, insurance, and living independently. Students will be made aware of their consumer rights and responsibilities as well as the laws that protect them as consumers. Students will be able to fill out a basic income tax return.

The Career Education portion of this course includes activities designed to identify students' interests, values, skills, and aptitudes. Students will research careers on the computer and prepare reports.

They will create a resume, cover and thank you letters, job application forms and mock job interviews.

Media presentations will be shown to expose students to a variety of career choices. Participation in a field trip, if scheduled, will be required. Students will learn to use www.CareerCruising.com.

ACCOUNTING I

HBU202

Grades 10-11-12

2 semesters

1 credit

Accounting I is a skill level course that is of value to all students pursuing a strong background in business, marketing and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data included in financial records, summarizing them for convenient decision making. Accounting computer applications will be integrated throughout the course. A practice set with business papers will be used to emphasize actual business records management.

ACCOUNTING II HONORS

HBU204

Prerequisite: Accounting I

Grades 11-12

2 semesters

1 credit

Accounting II is a skill level course that is a continuation of Accounting I. Accounting computer applications will be integrated throughout the course. A practice set with business papers will be used to emphasize actual business records management. In addition to stressing basic fundamentals and terminology of accounting, instruction should provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Processing employee benefits, working with partnerships and corporation, and completing the end of period work will be included. Accounting II curriculum with the accounting operations will become more complex than Accounting I.

COMPUTER OPERATIONS & PROGRAMMING

HBU204

Prerequisite: Algebra II or currently enrolled

Grades 11-12

2 semesters

1 credit

The course Principles of Computer Science is designed to develop problem solving and computer programming skills through the use of the programming language JAVA. Students will be exposed to the fundamentals of system analysis and design (e.g. flowcharting, system design and planning), and the system development life cycle. Instruction will include basic programming tools that are common to many programming languages. These may include items such as input/output statements, constants, assignment statements, strings and numeric variable types, conditional processing, and branching and looping control structures. Students will apply what they learn to create programs and application that solve real world business related problems. Students will create programs to store, locate and retrieve data. The content cover in this course will prepare students for the AP Computer Science A Exam. Students who successfully complete the course will have the opportunity to take the AP exam in May at their own cost.

OCCUPATIONAL EDUCATION DEPARTMENT

INTERRELATED & CO-OPERATIVE WORK TRAINING

HOT420

Grade 12

2 semesters

2 credits

Prerequisite – Permission of the instructor

1 credit for the class work and 1 credit for supervised work experience

This course is a capstone course for those students who have prepared themselves through a sequence of skill training courses and desire to work. The related class at school is planned to develop skills and attitudes that are applied on the job. Students will be employed in a supervised occupation. Classroom activities will include exploring the workplace, interesting careers, entrepreneurship, communicating on the job, workplace ethics, maintaining professionalism, math skills, etc.

Admission may be through any of the four occupational training areas: office and business occupations, home and family related occupations, industrial/agricultural occupations and health occupations.

Students will be required to be in classes at least three blocks each day, and maintain a full schedule throughout the year. Students must provide their own transportation. Acceptance to the program is determined by the student's past classes and career goals. Work can be done in the afternoon, before or after school. Fifteen hours of work per week will be required.

DRIVER'S EDUCATION DEPARTMENT

DRIVER'S EDUCATION

DRIVING FEE: \$120.00

CLASSROOM REQUIRED

HDE201

Grades 10-11-12

1 Semester

.5 credit

Prerequisite: State law requires that a student must have passed eight (8) semesters of class work (8 classroom courses one semester each) in the previous 2 semesters to take Dr. Ed.

Driver Education is offered to students 15 years of age and older. Students are placed in this class according to their birth date. The instruction permit fee is \$20.00 made payable to Secretary of State. The student must be present a minimum of 30 clock hours or he/she will be dropped from the course. The student must also maintain a 60% average in all class work including the final examination. The final phase of this course will provide actual driving experience. The Secretary of State requires that each student must complete 6 hours of behind-the-wheel instruction and 6 hours of observation time. Attendance for the behind-the-wheel and observation phase is mandatory. Unexcused absences, which cause a student to miss any part of this phase, may result in the student being dropped from the course.

When the student passes all phases of the driver education program, he/she obtains a Certificate of Completion (blue slip), which enables the student to obtain the license upon reaching his/her 16th birthday. The student must present the IP4 (white slip), Certificate of Completion (blue slip), and Social Security card to the licensing station.

ENGLISH DEPARTMENT

ENGLISH 9

HEN101

Grade 9

REQUIRED

2 semesters 1 credit

The major goal of this course is to build a solid foundation in grammar, spelling, vocabulary, reading techniques, writing skills, and research methods. These areas of study will be applied to a formal research paper. In addition, oral presentations, the study of one Shakespearean play, and reading one major novel are suggested.

ENGLISH 10

HEN201

Grade 10

REQUIRED

2 semesters 1 credit

English 10 is designed to further the student's knowledge and use of the structure of the English language through the study of grammar and literature. English 10 students may also be required to present book reports, may study one Shakespearean play, and may read at least one class novel. One research paper is required. Special emphasis is placed on writing skills, especially as needed in essay writing.

ENGLISH 9B HEN103

Grades 9-10

2 semesters 1 credit

ENGLISH 10B HEN204

Grade 10

2 semesters 1 credit

Prerequisite – English department approval

The goal of these courses is to provide a solid background in grammar, spelling, vocabulary, reading and literature, and writing skills. These areas of study will be applied to a formal research paper. To be in these classes, a student must have the consent of the English department faculty.

SPEECH I

HEN203

Grade 10

REQUIRED

1 semester .5 credit

Speech is designed to teach effective communication through speaking and listening. Students learn to develop topics, gather materials, and prepare and deliver speeches. Three major and at least four minor speeches are required during the semester. Other speech assignments are at the instructor's discretion. Speech I may include a formal debate.

SPEECH II

HEN300

Prerequisite - Speech I

Grades 11-12

1 semester .5 credit

A continuation of Speech I including but not limited to development of content and style emphasizing persuasion, oral interpretation and debate or panel discussion.

ENGLISH 11

HEN302

Grade 11

REQUIRED

2 semesters 1 credit

This college preparatory course explores American literature from the Puritans to the 1800's in the first semester. The second semester explores American literature from the 1800's to the present. This course requires grammar, writing analytical papers and at least two class novels.

ENGLISH 12

HEN402

Grade 12

REQUIRED

2 semesters 1 credit

Senior English is a literature-based course that includes further study in grammar and vocabulary. Several short papers – research or essay – are suggested.

ENGLISH 11B HEN303

Grades 11-12

2 semesters 1 credit

ENGLISH 12B HEN405

Grade 12

2 semesters 1 credit

Prerequisite: Teacher recommendation.

The goal of these courses is to provide a solid foundation in grammar, spelling, vocabulary, reading and literature, and writing skills. To be in these classes, a student must have the consent of the English department faculty.

**ENGLISH 12 HONORS
HEN403**

Prerequisite – Teacher recommendation
Grade 12 2 semesters 1 credit

This course explores British Literature and stresses grammar, vocabulary, and literature. The literary works studied include Beowulf, Canterbury Tales, and other works involving the evolution of the English language. Novels by British writers are read and discussed. At least one formal research paper is required as well as several formal essays relevant to the works and topics covered. An Honors project will be assigned every quarter.

In the case of Early Graduation, an English elective (EXCEPT JOURNALISM) may be substituted for second semester English 12B, 12 or 12 Honors.

The following semester English electives are available for juniors and seniors and will not substitute for any semester of the English requirements for graduation, except for early graduation.

**CLASSIC NOVELS
HEN308**

Grades 11-12 1 semester .5 credit

This course is designed to explore novels representative of those determined to be classics.

**CREATIVE WRITING
HEN305**

Grades 11-12 1 semester .5 credit

This course is designed to allow students to use their creative and imaginative abilities in the writing of prose and poetry.

**MYTHOLOGY HONORS
HEN310**

Grades 11-12 1 semester .5 credit

This is a literature course in which students will explore the mythology of different cultures including but not limited to Greek, Roman, Egyptian and Norse. Aside from the reading required in the text, the students will also be required to do a researched paper, at least one presentation, and possibly some outside reading.

**THE BIBLE AS LITERATURE HONORS
HEN307**

Grades 11-12 1 semester .5 credit

The course includes the study of how and when the Bible was written, comparisons of various translations, and the stories of the Bible. This class is for background to understanding allusions in literature for the last 2000 years. One-fourth of understanding all classic literature is based upon knowledge of the Bible.

**THE MACABRE
HEN306**

Grades 11-12 1 semester .5 credit

This course includes stories, plays, films, poems, and novels that center around the gruesome, the horrifying, and the unexplainable. Authors may include, but are not limited to: Edgar Allan Poe, Ambrose Bierce, Alfred Hitchcock, Shirley Jackson, Agatha Christie, and Mary W. Shelley.

READING & WRITING TEEN FICTION

HEN314

Grades 11-12 1 semester .5 credit

Students will read fiction written for teens, and they will write various forms of fiction for the teen audience.

JOURNALISM

HEN312

Grades 11-12 2 semesters 1 credit

Prerequisites: Satisfactory grades in English, and consent of instructor(s) or Principal.

This is a writing intensive course that enables the students to study journalism. They will be expected to write articles of varying lengths and styles while observing deadlines. Students will have the chance to enhance their photography and design skills. Course content includes the production of the newspaper, *The Bulldog Beat*, and the yearbook, *The Ironhorse*.

FAMILY AND CONSUMER SCIENCE DEPARTMENT

FOODS AND NUTRITION I

HFC102

Grades 9-10-11-12 1 Semester .5 credit

This course is designed to teach students the concepts of basic nutrition that they can apply to their daily food choices. It will also emphasize that sound nutrition habits are the basis for good health. Students will develop skill in using equipment to produce foods that are simple, nutritious and attractively served. Units covered: Food pyramid, milk, cakes, eggs, cookies, grains and quick breaks, breakfast, meal planning, table etiquette and table setting.

Broad area of emphasis: occupations related to foods and nutrition; nutrients and their relationship to health, energy and food choices; planning the selection and purchase of foods; skills needed for working with food; preparation and service of foods.

FOODS AND NUTRITION II

HFC103

Prerequisite: Foods I

Grades 9-10-11-12 1 Semester .5 credit

In this second level foods and nutrition course, special emphasis is placed on more advanced food preparation and technique. Areas to be studied include meats, poultry, fish, vegetables, fruits, soups, salads, yeast breads, fats and oils, cakes and frosting, pastry, microwave cookery, foreign foods and also food and good health choices.

FOODS AND NUTRITION III (MEAL MANAGEMENT)

HFC201

Prerequisite: Foods I and II

Grades 10-11-12 1 Semester .5 credit

This course will provide students with a more in-depth study of nutritionally balanced diets. Students will plan various menus and then analyze their nutritional contribution to the body. Artful presentation of food will be studied with various garnishing used on prepared dishes. Cost analysis of preparing daily menus will be studied. A foreign food unit will be included during the semester. We also will open up a restaurant in class, name it, take orders and prepare foods for carryout! Other units will include cake decorating, candy making and party themes.

CLOTHING I

HFC104

Grades 9-10-11-12 1 Semester .5 credit

This course is designed to develop student competencies needed for decisions related to clothing and textiles. Two to three ready made garments, constructed by the student, will be used as a basis for learning functions of clothing care and sewing skills. Broad areas of emphasis are: career opportunities in clothing, apparel, and textile products fields; consumer information, shopping techniques; clothing maintenance and care; sewing equipment; sewing and other construction skills.

CLOTHING II**HFC105****Prerequisite: Clothing I**

Grades 9-10-11-12 1 Semester .5 credit

This course is devoted to increasing the level of knowledge and skills of students as they construct and/or purchase garments and accessories, as well as construct a table runner or wall hanging. Textile study and fabric construction study are included in this unit. Either three projects, each becoming more difficult, or construction of a quilt is required.

CLOTHING III**HFC202****Prerequisite: Clothing I and II**

Grades 10-11-12 1 Semester .5 credit

This course of study will include a history of fashion, buying quality clothing and increasing the level of knowledge and skills of students as they construct projects. More difficult projects will be assigned as the level of skills increases for each student. A total of three garments will be required. A lined garment or simple tailoring could be chosen as a final project.

CHILD GROWTH & DEVELOPMENT**HFC105**

Grades 9-10-11-12 1 Semester .5 credit

Gaining knowledge of the intellectual, physical, social and emotional development of children from infancy through preschool age is emphasized. Textbook related assignments, interviews, child interaction opportunities and audiovisual experiences are utilized to increase the student's understanding of children. In addition, child care careers are studied.

PARENTING**HFC106**

Grades: 9-10-11-12 1 Semester .5 credit

Parenting skills and techniques using the principles of human growth and development will be studied. In addition, pregnancy and parenting through infancy will be covered. Interviews with parents, a parenting simulation and various classroom activities and projects are included.

LIVING ENVIRONMENTS**HFC302**

Grades 11-12 1 Semester .5 credit

This course provides basic knowledge and skills needed to select, acquire, maintain and manage living environments that meet the needs of the occupants. The selection and care of housing and furnishings are related to factors such as social-economic conditions, individual tastes, psychological effects, aesthetic values, safety, sanitation and energy conservation. The course content includes the following duty areas: locating and managing housing, using goal-setting and decision-making skills; evaluating living space to meet basic needs; creating and maintaining living environments; ensuring health and safety; selecting appropriate resources in creating living environments; determining the impact of the individual and/or group on living environments; applying housing and home management choices relating to changing family/individual and career patterns, and applying consumer rights and responsibilities in the marketplace. Emphasis is placed on the application of basic management principles in relation to the environment.

ADULT LIVING**HFC303**

Grades 11-12 1 Semester .5 credit

This course will provide practical life experiences encountered by persons after graduating high school. Survival skills related to adult living, such as, values, goal setting, budgeting (renting, groceries, credit cards, insurance, banking, utilities, etc.), communicating and understanding relationships (family, sibling, dating, marriage, divorce), mending/hemming clothing, basic food selection and etiquette, and party planning will be covered.

FINE ARTS DEPARTMENT

ART I

HFA101

Grades 9-10-11-12 2 semesters 1 credit

This course will provide an introduction to art history (pre-historic to modern) that will be reflected in the assigned projects. Possible areas to be covered: color theory, drawing, painting, design, sculpture, etc. Media to be used: pencil, clay, acrylic, stain glass, watercolor, etc.

ART II

HFA201

Prerequisite: Art I

Grades 10-11-12 2 semesters 1 credit

An in-depth continuation of Art I. Students must keep a weekly sketchbook.

ART III

HFA301

Prerequisite: Art II

Grades 11-12 2 semesters 1 credit

This course is only for the serious, committed, self-motivated art student. This course is designed to improve art skills and thought processes in specific areas. The possible areas of study are: drawing, painting, printmaking, sculpture, oil painting, pottery, and watercolor, etc. During 4th quarter Art III students may select one independent project. Students must keep a weekly sketchbook.

ART IV HONORS

HFA401

Prerequisite: Art III

Grade 12 2 semesters 1 credit

This course prepares the student for College Art. The student works independently on a project of his/her choice. The student explores new styles, mediums, and the elements and principles of art. Each quarter, the student completes one report and a minimum of 3 projects. The student submits a contract for each proposed project. Students must keep an active sketchbook with finished drawings

BAND

HFA103

Grades 9-10-11-12 2 semesters 1 credit

Prerequisite – Sufficient degree of proficiency and motivation, determined by audition

The focus of this class will be to present a variety of musical styles available to the wind band through rehearsal and performance. Beginning with Marching Band in the fall and progressing to Concert Band after football season, students will participate in as many as ten performances a year. Other performance opportunities include Jazz Ensemble, Pep Band, solo and small ensembles will also be encouraged. There will be written assignments, listening assignments, and practice expectations for each student.

MUSIC THEORY & TECHNOLOGY

HFA207

Grades 10-11-12 1 Semester .5 credit

Prerequisite: A basic understanding of music notation is recommended. Course may be repeated.

This course is designed to expand the understanding of how music is created, how scales and chords are formed, the relationship between major and minor keys, and how music is composed through melody, harmony and chord progressions. Students will also have the opportunity to work with music composition and recording software.

DRAMA

HFA109

Grades 9-10-11-12 1 semester .5 credit

This course will provide an introduction to the origins and fundamentals of dramatic development in the western world. The class will focus on a basic history of drama, followed by an exploration of current dramatic performance techniques. Students will be expected to participate in class activities,

which will include acting and reading in front of the class. Topics covered are: basic staging directions, dramatic interpretations, popular dramatic works, and well-known playwrights.

CHORUS

HFA105

Grades 9-10-11-12 2 semesters 1 credit

This course is designed to give each student an opportunity to develop his/her voice as an instrument through practice and performance. Students do not need to have any prior singing background to join this group. Through exposure to a variety of musical styles, students will gain a better sense of musicianship. This class will learn how to demonstrate the ability to read written music notation. Students will also be tested on their music literacy abilities through sight singing. This class will also learn how to distinguish different genres of music by analyzing and classifying the distinguishing characteristics of historical and contemporary art works by style, period, and culture. Students enrolled in Chorus are required to participate in all scheduled concert events, which generally number 4 each year.

FRETTED INSTRUMENTS

Grades 9-10-11-12 1 Semester .5 credit

Levels determined by audition with instructor. Students must provide their own acoustic or classical guitar. **These classes may be repeated.**

GUITAR I HFA110

Students will learn how to play open position chords, power chords, and bar chords. They will use these chords to create simple progressions. They will also learn how to read single note songs on the treble staff and play them on the guitar. Students in this class will learn how to play alone and in a group. Flat pick approach will be utilized. Finger picking will be introduced.

GUITAR II HFA111

Students will receive more advanced repertoire to play in both a solo and ensemble group. Students in guitar II will also start to play at 7 chords and advance in their finger-picking style. Students will be encouraged to play more in multiple ensembles within the class and at least one performance opportunity will be offered.

GUITAR ENSEMBLE (INDEPENDENT STUDY) HFA112

Students who have demonstrated adequate skill will be allowed into the guitar ensemble where they will have the opportunity to play with other established guitar students. It is required that students own their own classical style guitar. Performance opportunities will be available.

UKULELE WORKSHOP HFA113

In this class students will build a ukulele and learn how to play chords and single note melodies. Students will work on playing by themselves and in a group. (There would be a \$25 cost for students to purchase their own Grizzly ukulele kit through Durand schools).

FOREIGN LANGUAGE DEPARTMENT

SPANISH I

HFL101

Grades 9-10-11-12

2 semesters

1 credit

In Spanish I, the student will learn the basics of the language. This will include: sentence structure (word order); present and past tense verb conjugations; direct and indirect object pronouns; demonstrative adjectives; along with the use of personal and possessive pronouns. As Spanish I will introduce the student to a foreign language, the student will be required to memorize 30-60 words per week. Instruction is given in both Spanish and English.

SPANISH II
HFL201

Prerequisite: Spanish I

Grades 10-11-12 2 semesters 1 credit

Spanish II continues emphasizing acquisition of vocabulary and grammar skills. The student will learn simple commands forms and seven additional verb tenses. The students will be required to make oral presentations to the class and engage in conversations. Written expression will also be emphasized. Students will write and perform multi-person skits, as well as several research papers in Spanish which will be edited and which the student will have an opportunity to correct mistakes. Students are expected to express themselves in the target language. Instruction is in both English and Spanish.

SPANISH III
HFL301

Prerequisite: Spanish II

Grades 11-12 2 semesters 1 credit

In Spanish III, the students will continue to acquire more vocabulary and grammar skills. Positive and negative commands with direct, indirect, and reflexive pronouns will be taught, as well as the subjunctive and the imperfect. Translation techniques will be taught and the students will translate paragraphs. Short stories will be read and discussed. Oral presentations of 2-5 minutes and plays will be given periodically. Students will be expected to communicate in Spanish. Instruction will be 50% Spanish and 50% English.

SPANISH IV
HFL401

Prerequisite: Spanish III

Grade 12 2 semesters 1 credit

In Spanish IV, the student will learn all remaining verb tenses. The emphasis of this course, however, will be oral and written expression. Short stories will be read and discussed; translation techniques will be practiced; and idiomatic expressions will also be studied. The class is conducted mostly in Spanish and the students must communicate in the target language.

INDUSTRIAL ARTS & TECHNOLOGY EDUCATION & DEPARTMENT

ILLINOIS PLAN FOR INDUSTRIAL EDUCATION (IPIE) is the prerequisite for all classes in the Industrial Technology Department.

ILLINOIS PLAN FOR INDUSTRIAL EDUCATION (IPIE)

HIT101

Grades 9-10-11-12 2 semesters 1 credit

The Illinois Program for Industrial Education consists of 4 nine-week courses including Communication Technology, Energy Utilization, Production Technology, and Transportation Technology. Each course will cover the resources, technological processes, industrial applications, technological impact and occupations encompassed by the system in our ever-changing complex society. This 4-course set provides the orientation needed to all skill-level industrial occupation programs.

Typical duty areas covered from the Employability skills list are:

- Identifying employment opportunities
- Interpreting employment capabilities
- Demonstrating appropriate work behavior
- Maintaining safe and healthy environment
- Maintaining business-like image
- Maintaining working relationships with others
- Communicating on the job
- Adapting to change
- Performing mathematical skills

Materials Processing – Students will learn various materials, their properties and the fabrication process. Projects will include: Drafting & design, woodworking, welding, and small engines.

WOODS I

Prerequisite: Illinois Plan for Industrial Education (IPIE)

HIT201

Grades 10-11-12

2 semesters

1 credit

Woodworking I deals with the safe and efficient use of hand and powered woodworking tools, wood and wood related materials, and common manufacturing procedures. This is accomplished through the production of a series of wood projects that cost in the range of \$50 to \$100. The student will be introduced to the practice of basic planning of a wood project, wood machining procedures and safety practices.

WOODS II

Prerequisite: Woods I

HIT301

Grades 11-12

2 semesters

1 credit

Woodworking II is a continuation of Woodworking I with an emphasis placed on the design, problem solving, and construction techniques of one or more advanced cabinetmaking projects that range in the \$100 to \$200 amount. This course is only for the seriously committed and self-motivated student.

COMPUTER AIDED DRAFTING (CAD) I

Prerequisite: (IPIE) or Algebra and Computer Applications

HIT205

Grades 10-11-12

1 Semester

.5 credit

This class will go into great depth on the topics of basic drafting and CAD (Computer Assisted Drafting). The topics covered in the drafting area will be lettering, instruments, scale drawings, complex geometric constructions, Orthographic drawings (Multi-view), Sketching, Isometric Drawings and Oblique Drawings. The topics covered in the CAD area will be commands, menus, drawing area, and printing or plotting. The program used is Auto CAD 2002 LT.

CAD II

Prerequisite: CAD I

HIT206

Grades 10-11-12

1 Semester

.5 credit

This class is a continuation of CAD I. It will introduce all the topics of basic drafting and CAD (Computer Assisted Drafting) that were not covered in CAD I. We will continue to cover the topics of lettering, instruments, scale drawings, complex geometric constructions, Orthographic drawings (Multi-view), Sketching, Isometric Drawings, and Oblique Drawings. These topics will be learned to greater depth through application. Also the new topics introduced will be Sections, Dimensioning, and Working Drawings. The course concludes with a major project that brings all of the above together. The program used is Auto CAD 2002 LT.

SMALL ENGINES

Prerequisite: IPIE

HIT203

Grades 10-11-12

1 Semester

.5 credit

Students will learn the basic concepts in small engine repair and maintenance. This will be done through the taking completely apart an engine and rebuilding it. During this process engine part recognition and labeling will be stressed and tested.

METALS

Prerequisite: IPIE

HIT204

Grades 10-11-12

1 Semester

.5 credit

The student will be required to understand what is necessary to wire a small building to code. This is done through the hands on wiring of a breaker box to switches, outlets, fixtures, and three-way switching. The welding aspect of the class will teach the students the fundamental welds and their applications by using an arc welder, wire feed weld, and torch welder.

MATH DEPARTMENT

ALGEBRA I

REQUIRED

HMA103

Grades 9-10-11-12

2 semesters

1 credit

This course can be taken simultaneously with Math 11 in Grade 11.

This course contains the standard topics of Algebra. Signed numbers are heavily emphasized as are integer exponents. Linear and quadratic functions are studied. Systems of two linear equations in two unknowns are practiced. Graphs and equations of linear functions are heavily emphasized.

GEOMETRY AND TRIGONOMETRY

REQUIRED (or TECHNICAL GEOMETRY)

HMA201

Grades 9-10-11-12

2 semesters

1 credit

Prerequisite – Successful completion of Algebra I (HS or 8th grade)

This course can be taken simultaneously with Algebra II in Grade 10 or higher above. This course can be taken simultaneously with Math 11 in Grade 11.

This is a study of Euclidian geometry – figures, lines, vectors, planes, angles and proofs including plane, solid and analytical geometry. This course is designed to develop skills in logical thinking both directly and indirectly. Students will also learn to demonstrate this ability of logic through indirect, deductive, and inductive reasoning by finding relationships in all the figures of the geometric system. This course will also introduce various topics in Trigonometry including unit circle and Laws of Sines and Cosines.

TECHNICAL GEOMETRY

HMA203

Grades 10-11-12

2 semesters

1 credit

Prerequisite – High School Algebra I AND Recommendation of Math Teacher and Administration are required. Course can be taken simultaneously with Math 11 in Grade 11.

This course emphasizes problem-solving applications. Activities may include, but are not limited to: the use of calculators, drawing aids, measuring equipment. Diverse instructional strategies are utilized including cooperative learning, group problem solving, class discussion and generation of applied problems. The major goal of this course is to provide a learning environment that focuses on problem solving involving career and life experiences and critical thinking skills. ***Disclaimer:*** This course may not qualify as a math requirement for college or university admissions. Students preparing for college will need to take Geometry MA201-202 and Algebra II MA301-302.

ALGEBRA II

HMA301

Grades 10-11-12

2 semesters

1 credit

Prerequisite – Successful completion of Algebra I. This course may be taken simultaneously with Geometry and Trigonometry. This course may be taken simultaneously with Math 11 in Grade 11.

This course is designed to prepare students for college Algebra. The topics that will be covered include numbers and functions, systems of linear equations, quadratic functions, exponential and logarithmic functions, polynomial functions, rational and radical functions, and trigonometric functions (and their inverses).

MATH II

MA305-MA306

Grade 11

2 semesters

1 credit

This course may be taken simultaneously with Algebra I, Geometry and Trigonometry, or Algebra II during Grade 11.

Math 11 is designed to help prepare you for your future math needs in college and/or work. In this class, you will be given a pretest to establish which areas of mathematical skills you need additional

help in. The lessons will review basic math skills and concepts in pre-algebra, algebra, geometry, trigonometry, and applying mathematics as work skills. You will be given step-by-step solution strategies, and will be provided with further practice solving test questions. You will become familiarized with the ACT math test and the PSAE WorkKeys tests, which are parts of the required ACT/PSAE required of all 11th graders in the State of Illinois. You will find your mathematical strengths and weaknesses. This class may be good for you if you score low on tests, are nervous about taking tests, want to improve your test-taking skills, need further practice with some areas of math, or require a comprehensive review of math concepts. Math 11 will meet Durand High School graduation requirements for math. Math 11 will prepare you for the ACT/PSAE and Algebra II, both of which you will need for admission and/or success in college math courses at any 2-year or 4-year postsecondary school. This course will introduce students to Study Island and WinKeys.

Disclaimer: This course may not qualify as a math requirement for college or university admissions. Students preparing for college will need to take Geometry MA201-202 and Algebra II MA301-302.

COLLEGE ALGEBRA AND PRE-CALCULUS HONORS

MA303-304 Grades 11-12 2 semesters 1 credit

Prerequisite – Successful Completion of Algebra II

This course is designed to prepare students for a pre-calculus or upper-level Algebra class at the college level. It will cover approximately the first six chapters of the Larson-Hostetler Pre-calculus text. The topics that will be covered include polynomial and rational functions, exponential and logarithms functions, various topics in trigonometry, as well as Fundamental Trigonometric Identities.

INTRO TO CALCULUS AND STATISTICS HONORS

MA305-306 Grades 11-12 2 semesters 1 credit

Prerequisite – Successful completion of College Algebra

Students will review algebraic differentiation using the limit concept, review differentiation rules and selected applications. This course will include introduction to the concept of Integration, Integration by use of the anti-derivative, applications of integration, introduction to probability and event counting, introduction to statistical dynamics, determination of statistical reliability and confidence intervals, and application of statistics to career and real-world scenarios. This course would be a PREVIEW of College level Calculus and Statistics.

HEALTH DEPARTMENT

HEALTH I		REQUIRED
HHE201	Grade 10	.5 credit

This class shall include, but not be limited to, the following major educational areas as a basis for curricula in secondary schools for the State of Illinois: human ecology and health; human growth and development; the emotional, psychological, physiological, hygienic, and social responsibilities of family life. In addition, Health I will include the topics of: sexual abstinence until marriage; prevention and control of disease; instruction in the prevention, transmission and spread of AIDS; public and environmental health; consumer health; safety education and disaster survival; mental health and illness; personal health habits; alcohol, and drug use and abuse. The medical ramifications of alcohol, drug and tobacco use; drug abuse during pregnancy; sexual abstinence until marriage; nutrition; and dental health will be thoroughly covered.

HEALTH II	Prerequisite: Health I	
HHE202	Grades 10-11-12	1 Semester .5 credit

This class is a continuance of Health I with emphasis on First Aid and CPR.

PHYSICAL EDUCATION DEPARTMENT

PHYSICAL EDUCATION

HPE-101-102

Grades 9-10-11-12

REQUIRED

2 semesters 1 credit

Physical Education is a required course. Every student must be enrolled in a PE class every semester he or she is enrolled in school except for one semester in Health. This course provides opportunities to challenge one's abilities to work together to achieve a common goal. Students will learn to value teamwork, practice leadership skills, improve listening skills, and appreciate individual differences. Student will also acquire basic skills and knowledge of rules in team and individual sports along with such lifetime activities such as bowling, roller skating and golf.

Skills and strategy will be demonstrated by instructors. Students will then practice skills by active participation. Knowledge of activities will also be reinforced by lecture and written exams. Types of activities included: Tennis, Archery, Golf, Badminton, Pickleball, Bowling, Weight Training, etc.

Athletes: Athletes will no longer be automatically exempt from Physical Education.

FITNESS FOR LIFE

HPE103

Grade 9-10-11-12

1 one semester

5 credit

This class will be more specific to lifetime fitness knowledge rather than sports knowledge. We will cover things such as calories in and calories out. Everyday fitness such as walking, light weights, biking and light aerobics. We will learn how to use a pedometer, heart rate monitor and a logbook to design a plan for lifetime wellness. There will be some active recreation activities such as orienteering, skating, and bowling. This would not be a competitive class. Our emphasis would be on lifetime fitness and physical activity, learning about everyday health and wellness and what it means to be physically fit. This class cannot be repeated.

WEIGHT LIFTING & CONDITIONING

HPE201

Grades 10-11-12 1st Semester or full year .5 credit or full credit

The purpose of this class is to acquaint the student with the skills, rules, and techniques of weightlifting. The student will gain an understanding of the major muscle groups in their body, and acquire an understanding of weight training and how they are affected. It will provide an opportunity to observe and practice efficient and effective weight training. Students will learn the basic rules of safety when lifting weights. Students will be expected to learn the basic muscle groups and be required to read material on weight lifting. Class members will be expected to participate and contribute to the class. This class may be repeated.

SCIENCE DEPARTMENT

LABORATORY PHYSICAL SCIENCE

HSC101

Grade 9

REQUIRED

2 semesters

1 credit

This class is an overview and introduction to chemistry (1st semester) and physics (2nd Semester). Topics will include the description of matter and its changes, as well as the periodic table, simple equations, bonding, and chemistry in our lives. The relationships between matter and energy, with an emphasis upon mechanics, will be the primary focus of 2nd Semester.

BIOLOGY I LAB

HSC201

REQUIRED (or GLOBAL SCIENCE)

Grades 10-11-12

2 semesters

1 credit

Prerequisite – Successful completion of Physical Science or 1 transfer credit of science

Biology is the study of all living things. This class will cover many aspects of life, such as the study of Cell Biology, Genetics, Zoology, Ecology, Taxonomy, Evolution, and Human Biology. Students will participate in laboratory investigations throughout the course of the year.

**GLOBAL SCIENCE LAB
HSC203**

Prerequisite: Physical Science

Grades 10-11-12 2 semesters 1 credit

This course is designed as an alternative to Biology I. It will provide an introduction to biology and basic ecological concepts. Students will participate in laboratory investigations, oral presentations, and field trips.

ANATOMY & PHYSIOLOGY HONORS

HSC303

Grade 11-12

2 semesters 1 credit

Prerequisite – Student must have successfully completed two years of high school science including Biology I or the equivalent.

Anatomy & Physiology is a class where the human body and physiology will be studied in detail. Major topics of study will include all of the systems of the body, such as the skeletal and muscular system, and other topics such as Medical Terminology. Students will participate in laboratory investigations, field trips, term papers, and oral presentations.

CHEMISTRY I HONORS

HSC301

Grades 10-11-12

2 semesters 1 credit

Prerequisite – Student must have successfully completed two years of high school science and Algebra 2 or the equivalent;

OR must have successfully completed two years of high school science and is currently enrolled in Algebra 2;

OR must have successfully completed one year of high school science and be currently enrolled in both Algebra 2 and Biology I.

The goal of this course is to present a modern view of chemistry to the students. It is designed to establish a strong base upon which advanced science courses may be built. Major topics of study will include the following: the impact of science upon society and the environment, stoichiometry, the writing and balancing of chemical equations, and atomic and molecular structure including electron configurations, the behavior of solids, liquids, and gases, and the study of the periodic table. All studies will be backed up with laboratory work and demonstrations. Algebra skills are essential.

CHEMISTRY II HONORS

HSC307

Grades 11-12

2 semesters 1 credit

Prerequisite – Student must have successfully completed Chemistry I.

In this class, students will continue to develop their knowledge of the basic chemistry topics of Chemistry I and be given an introduction to organic chemistry. Laboratory work and demonstrations will be used to enhance and extend the curriculum.

PHYSICS HONORS

HSC305

Grades 11-12

2 semesters 1 credit

Prerequisite – Student must have successfully completed two years of high school science and Algebra 2 or the equivalent;

OR must have successfully completed two years of high school science and is currently enrolled in Algebra 2;

OR must have successfully completed one year of high school science and be currently enrolled in both Algebra 2 and Biology I.

The purpose is to help students increase their knowledge of the physical world. The goals are to help students see physics as the many sided human activity that it really is. The major units of study to be covered in class lecture and in laboratory work will be mechanics which includes concepts of motion both linear and rotational; electricity, which includes electrostatics; direct current and electromagnetism, waves, heat, light, and sound.

SOCIAL STUDIES DEPARTMENT

WORLD HISTORY

HSS101

Grade 9

REQUIRED

2 semesters 1 credit

World History is the study of world cultures and their history, with special emphasis on the western world and the development of democracy. Also included in the course are the effects of geography, economics, social class systems, culture, and government upon history around the world. A variety of social studies skills are developed and reinforced. These areas of study will be applied to a formal research paper

US HISTORY

HSS201

Grade 10

REQUIRED

2 semesters 1 credit

This course will present the events a direction of our nation's history from approximately the beginning of the 20th Century through today. Students will learn what they need to know about our foundations and the consequences of our country's decisions as they prepare to make U. S. History. A variety of social studies skills are developed and reinforced. These areas of study will be applied to a formal research paper.

FOUNDATIONS AND GOVERNMENT

HSS310

Grade 11

REQUIRED

2 semesters 1 credit

Foundations and Government class travels in time from the beginnings of human habitation in America to approximately the beginning of the 20th Century. Along the way, you'll learn about colonization, the Revolutionary War, the Civil War, the settlement of the West, and the changes that led to the development of modern America. Included will be studies of our cultural, governmental, economic, and geographic development. All state and federal constitution requirements will be completed as part of this class. A variety of social studies skills will be developed and reinforced.

SOCIOLOGY HONORS

HSS309

Grades 11-12

1semester .5 credit

Have you ever been in the company of another human being? Have you ever been part of a group, or do you ever intend to? If so, Sociology can help you understand how families and other groups operate and how they help to make you who you are. Sociology includes a study of the major principles of sociology and the nature of humans. There will be an emphasis on American social patterns. We'll look at people and the world in a whole new way. A variety of social studies skills are developed and reinforced. These will be applied as students learn to create and interpret their own research.

INTRODUCTION TO ECONOMICS

HSS307

Grades 11-12

1 semester .5 credit

This course is a comprehensive study of the basic concepts, principles and practices of economics. The design of the class is to help students gain a greater understanding of Economics and its importance within daily life. The textbook is designed to give the student a basic understanding of key topics and concepts of Economics; the lectures, class assignments, homework, activities, and evaluations will further enhance the student's understanding and ability to demonstrate their knowledge.

PSYCHOLOGY IN YOUR LIFE HONORS

HSS303

Grades 11-12

1 semester .5 credit

There is a growing need for counseling, interaction, and integration between Psychology and the world in which we live. This college prep class is designed to give the student the overall perspective

of the principles and concepts of known Psychology. The lectures, additional readings, class discussions, and labs are designed to further develop and reinforce the student's basic knowledge.

PSYCHOLOGY: THE MIND IN CONFLICT HONORS

HSS304

Grades 11-12 1 semester .5 credit

Like the course "Psychology in Your Life" from the first semester, this class is also a college prep class designed to enhance the knowledge and understanding of Psychology. The emphasis is more on the individual and issues associated with their lives and those around them. The textbook is designed to give the student the overall perspective of the principles and concepts of known Psychology; yet the lectures, additional readings, class discussions, and labs are designed to further develop and reinforce the student's basic knowledge.

HISTORY OF TODAY

HSS308

Grades 11-12 1 semester .5 credit

This unique course gives students an opportunity to relate their knowledge and understanding concerning current issues that face our world today. It allows students the opportunity to relate information on visual, written, and verbal levels. Students will have the opportunity to grow in their understanding of current events and at the same time have the chance to listen, discuss, and interact with present day issues. This class is an opportunity for students to use their skills and abilities to relate issues to others that we all are facing. This course will allow students an opportunity to develop their written and communications skills as well as gain an understanding of how current events affect all of us.

TEACHER STUDENT AIDE

TEACHER STUDENT AIDE

HTA400

Grades 11-12 1 semester .5 credit

Registration for this course requires approval from a supervising teacher and a 3.0 cumulative GPA. The student will assist and work cooperatively with school personnel. The student aide will need to be punctual, cooperative, and efficient in assigned duties in order to receive credit. A maximum of one credit may be earned. GPA is not earned for this class.

The Student Aide application must be filled out the first 6 days of the semester. Students are to register for a class that may be dropped when the application process is complete.

CAREERTEC

CareerTEC courses are an added tuition expense for the District. Students choosing these courses may not change their class schedule once they have made the decision to take advantage of **CareerTEC**. If a change is insisted upon, the student and parents agreeing to the change of classes, will be responsible for the tuition fee for the remainder of the semester and/or year.

Durand High School will provide transportation for **CareerTEC** classes held in the morning. Students choosing classes held only in the afternoon must provide their own transportation.

Students taking **Dual Credit Auto Mechanics I or II** can earn four credits and must provide their own transportation.

CLASSES NOT AVAILABLE

Construction trades classes are not available to Durand students. **Building Trades I or II** class (3 credits) is equivalent and is available to Durand students. Students will leave Durand at 12:05 pm missing the latter half of Block 3 to arrive at class by 12:30 using their own transportation.

CareerTEC Agriculture Operations is not available to Durand students. Please see Guidance Counselor for classes at Pecatonica pending availability and using their own transportation.