

RANTOUL TOWNSHIP HIGH SCHOOL

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COURSE GUIDE 2023-2024



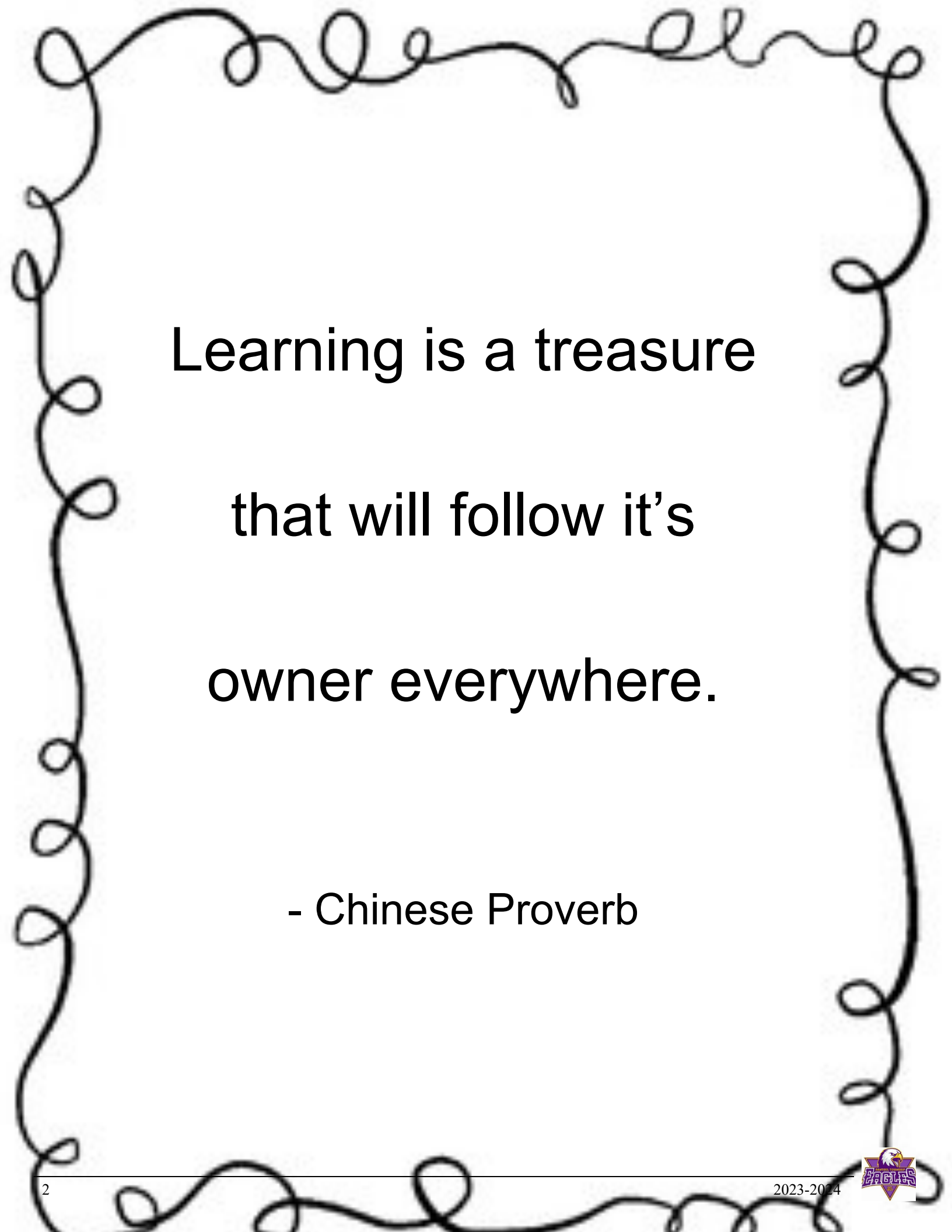
ADMINISTRATIVE STAFF

Scott Amerio	Superintendent
Todd Wilson	Principal
Megan Anderson	Director of Instructional Programs
Brooke Billings	Assistant Principal
Rhea Modglin	Dean of Students
Tanya Turner	Special Education Coordinator
Chris Dryer	Athletic Director

GUIDANCE STAFF

Montana Mahaffey	Counselor	A-G
Megan Sims	Counselor	H-O
Cortni McCabe	Counselor	P-Z
Ashley Bryan	Counselor	A-Z





Learning is a treasure
that will follow it's
owner everywhere.

- Chinese Proverb

RTHS MISSION STATEMENT

RTHS exists to prepare students for future success.

RTHS VISION STATEMENT

At RTHS there is a climate of high expectations for success. A collaborative culture exists ensuring students' progress is monitored and communicated to students, parents, community, and one another.

TABLE OF CONTENTS

Registering for Classes	1
Course Availability	1
Changing Classes.....	1
Summer School.....	1
Graduation Requirements	2
Alternate Credit.....	2
Early Graduates	2
4 yr. Planning Guide	3
General Information	4
Agriculture	6
Business	9
Technology & Engineering	14
Family/Consumer Science	18
Art/Music	21
English/Language Arts/Drama	25
Mathematics	32
Science	36
Social Studies	41
Physical Education	46
Driver's Ed/Health/1st Aid	47
Dual Credit/Early College & Career Academy	48
Special Education	52
Testing	58
State College Admissions	59
Planning for Your Future	61
Local Scholarships	62





REGISTERING FOR CLASSES

This course description booklet will help you plan your program of courses for your years at RTHS. The time you spend planning your schedule will help you avoid problems once school begins.

REGISTRATION PROCESS

2023-2024 Freshmen: Counselors will visit your school in early February to help you choose classes based on your 8th grade teacher recommendations for required classes and your personal preferences for electives.

Current RTHS Students: Your counselor will meet with you in January to help you choose classes for next school year.

All Students:

- Know what graduation requirements are before you start planning. All students must enroll in eight (8) courses per semester. All students need 28 1/2 credits for graduation. **(See next page for specific graduation requirements)** Pre-requisites are listed for each course—please keep these in mind when choosing classes.
- When your counselor meets with you to plan your courses, you will fill out a request form with all of your courses for the school year. Be certain to fill in your alternate choices for electives (courses you would be willing to take if you can't get your first choice).
- Have your parent or guardian sign your course request form and return it to the Counseling Center **(8th graders-return to your teacher).**
- A final copy of your schedule of classes will be given to you at registration in August.

COURSE AVAILABILITY

Unless otherwise specified due to yearly rotation of courses, all of the courses listed in this guide are available when there is sufficient student enrollment. In some instances, enrollment falls below desirable minimums and it becomes impossible to offer those courses. We will only offer low enrollment courses when there is teaching staff available. In reference to changes, students may not be enrolled in classes that have reached their maximum capacity.

CHANGING CLASSES

Students have until the end of the 2nd full day of classes of *first semester* to request a schedule change with their counselor. Schedule changes for 2nd semester need to be requested before the last day of finals in December. No changes will be allowed once 2nd semester begins. The deadline for level changes for Honors & AP classes is two weeks after the start of each semester. Changes are dependent on course availability and class size. Changes will not be accepted for the following reasons: teacher changes, to schedule classes with friends, to change the order and/or time of classes.

SUMMER SCHOOL REGISTRATION

RTHS offers a variety of classes in summer school for those students who need to make up failed required classes. Upon occasion, enrichment courses are offered to students who are credit current in order to earn credit towards early graduation. Counselors will contact students who could benefit from summer school. Registration begins in late April. Course availability is based on class size.



GRADUATION REQUIREMENTS

All students must meet the following requirements to earn a diploma at Rantoul Township High School. Successful completion of each semester course results in 1/2 credit towards graduation. A total of 28 1/2 credits is required for graduation.

<u>CURRICULUM</u>	<u>MINIMUM CREDITS</u>
English	4 credits
Social Studies (U.S. History-3 semesters, American Government)	2 credits
Science	2 credits
Health	1/2 credit
Mathematics (Including Algebra 1 & Geometry content)	3 credits
Consumer Education (Intro. to Business)	1/2 credit
Fine Arts (Music, Art, Foreign Language, Theatre Arts)	1 credit
Speech	1/2 credit
Vocational/Technical (Business, Agriculture, Industrial Tech, or Family Consumer Science classes)	1 credit
Electives (May include 3 1/2 credits for Physical Education)	10 1/2 credits
Physical Education: <i>Students must be enrolled in Physical Education for 3 1/2 years. Students will receive 1/2 unit of credit toward graduation for each semester successfully completed with a grade of "D" or better. Students must earn no less than 2 1/2 credits in PE.</i>	
TOTAL CREDITS	28 1/2

At least two credits worth of courses must be defined by the administration as writing intensive (must include 1 English class that is classified writing intensive.)

ALTERNATE CREDIT

A student may earn and apply no more than two credits toward graduation from correspondence courses and adult education courses, or any combination. Courses must be approved by the administration.

EARLY GRADUATES

A student may elect to graduate upon completion of required course work and satisfaction of graduation credit minimums. In order to graduate prior to eight (8) semesters of high school attendance, the student and parents/guardians must submit a formal request to graduate early to the superintendent. The request for early graduation must include:

1st Semester— Students must meet with their counselor to complete the application. Students must complete the application by the last week of September. Students will be allotted one Eagle Academy class to help them reach the 28.5 credits. If the students needs more than one class, they will need to enroll in a BYU course to earn the extra credit. This means the student must have no less than 24 credits at the start of their senior year. The student will be responsible for paying a fee to enroll in the BYU course. Additional courses must be completed by the end of 1st Quarter.

3rd Quarter— Students must meet with their counselor to complete the application. Students must complete the application by the third week of December. Students must have a minimum of 28 credits at the start of the 3rd quarter in order to graduate in March.

Any student who meets all of the course work requirements and the graduation credit requirements but does not make formal application for early graduate status will not be officially considered a graduate until his/her class graduates after eight (8) semesters.

Early graduates may return for the spring commencement activities provided all the arrangements are made with school authorities prior to early graduation.



FOUR YEAR PLANNING GUIDE

8 credits must be taken per year, with a minimum 28 ½ earned credits required for graduation. 1 credit in the Vocational/Technical and Fine Arts areas, and ½ credit in Speech, Health, and Consumer Ed. (Intro to Business) is required for graduation. In addition, the 3 credits in Math include 1 credit in Algebra 1 and 1

FRESHMAN:				SOPHOMORE: 1 semester American Government (if not taken 9th grade), and U.S. History 1 are required).			
	Sem. 1	Sem. 2	Credit		Sem. 1	Sem. 2	Credit
1	English	English	1	1	English	English	1
2	Math	Math	1	2	Math	Math	1
3	Science	Science	1	3	Science	Science	1
4	Physical Ed.	Physical Ed.	1	4	Physical Ed.	Physical Ed.	1
5				5	U.S. History 1		
6				6			
7				7			
8				8			

TOTAL CREDITS _____

TOTAL CREDITS _____

JUNIOR: Health (if not taken 9th or 10th) and two semesters U.S. History 2 are required.				SENIOR: (plus all other required credits not yet completed)			
	Sem. 1	Sem. 2	Credit		Sem. 1	Sem. 2	Credit
1	English	English	1	1	English	English	1
2	Math	Math	1	2	Physical Ed.		
3	Physical Ed.	Physical Ed.	1	3			
4	U.S. History 2	U.S. History 2	1	4			
5				5			
6				6			
7				7			
8				8			

TOTAL CREDITS _____

TOTAL CREDITS _____



GENERAL INFORMATION

TEACHER'S AIDES

Senior students may qualify for teacher's aide positions. Counselors will offer teacher's aide positions to those students who meet requirements for a limited number of open positions. Administrative approval for admission in this program will be on an individual basis. Factors to be considered will include academic success, attendance, disciplinary record, and reliability. Only one unit (two semesters) of credit may be earned as a teacher's aide. Requirements: Students must have at least a 3.5 cumulative GPA. Administrative approval is required and admission is also based on availability of positions. T.A. is a Pass/Fail course (grade does not figure into gpa) and students will earn 1/2 credit per semester for each semester passed (maximum 1 credit).

GRADE REPORTS

Student report cards are issued at the end of each semester. Letter grades are used to represent student progress and are explained as follows:

Standards Based Regular Grading Scale

Letter Grade	Range
A+	3.8-4.0
A	3.66-3.79
A-	3.52-3.65
B+	3.38-3.51
B	3.24-3.37
B-	3.10-3.23
C+	2.96-3.09
C	2.82-2.95
C-	2.68-2.81
D+	2.54-2.67
D	2.40-2.53
D-	2.26-2.39
F	0.01-2.25
0.00	NA

Standards Based Honors Grading Scale

Letter Grade	Range
A+	3.91-4.0
A	3.78-3.90
A-	3.66-3.77
B+	3.51-3.65
B	3.36-3.50
B-	3.21-3.35
C+	3.06-3.20
C	2.91-3.05
C-	2.76-2.90
D+	2.61-2.75
D	2.46-2.60
D-	2.31-2.45
F	0.01-2.30
0.00	NA

Special student interim reports (progress reports) are available electronically to parents at least three times during each semester. A final semester report card is mailed at the end of each semester. *An incomplete grade should be made up by the student within a two-week period of time following the close of the nine-week period or the student may receive a failing grade. (Grading scale adopted school year 2016-2017.)

WEIGHTED COURSES

Certain designated courses receive weighted value when earning an A, B, or C. (A=6, B=5, C=4.) Courses receiving weighted values are designated as Honors or AP level courses.

EAGLE ACADEMY

Eagle Academy is a credit recovery program that offers a non-traditional path towards a diploma. Students in the program have access to flexible scheduling, tutoring, computer based learning, and independently paced courses. To be considered for the program, students must meet with their counselor to perform a credit check and then fill out an application that will be forwarded to Eagle Academy staff who will interview applicants.



GENERAL INFORMATION

COURSE NON-DISCRIMINATION

Vocational opportunities within our curriculum are available to all students without regard to race, color, national origin, sex or handicapping condition. All students, however, must meet the required prerequisites for each course level they wish to schedule. Mr. Wilson, Principal, is the district coordinator. Students and parents may contact, Mr. Wilson concerning any questions relative to compliance with TITLE IX and/or Section 504 of the REHABILITATION ACT OF 1973.

EQUAL EDUCATIONAL OPPORTUNITIES

Equal educational and extracurricular opportunities shall be available for all students without regard to color, race, nationality, religion, sex, sexual orientation, ancestry, age, physical or mental disability, gender identity, status of being homeless, order of protection status, actual or potential marital or parental status, including pregnancy. Further, the District will not knowingly enter into agreements with any entity or any individual that discriminates against students on the basis of sex or any other protected status, except that the District remains viewpoint neutral when granting access to school facilities under School Board policy Use of Buildings and Facilities. Any student may file a discrimination grievance by using Board policy 2:260, Uniform Grievance Procedure.

SEX EQUITY

No student shall, based on sex, sexual orientation, or gender identity be denied equal access to programs, activities, services, or benefits or be limited in the exercise of any right, privilege, advantage, or denied equal access to educational and extracurricular programs and activities.

Any student may file a sex equity complaint by using Board policy 2:260, Uniform Grievance Procedure. A student may appeal the Board's resolution of the complaint to the Regional Superintendent (pursuant to 105 ILCS 5/3/10) and, thereafter, to the State Superintendent of Education (pursuant to 105 ILCS 5/2- 3.8).

ADMINISTRATIVE IMPLEMENTATION

The Superintendent shall appoint a Nondiscrimination Coordinator. The Superintendent and Building Principal shall use reasonable measures to inform staff members and students of this policy and grievance procedure.

NONDISCRIMINATION COORDINATOR:

Todd Wilson

Name

200 S Sheldon, Rantoul, IL 61866

Address

217-892-6000

Telephone

COMPLAINT MANAGERS:

Todd Wilson

Name

200 S Sheldon, Rantoul, IL 61866

Address

217-892-6000

Telephone

Megan Anderson

Name

200 S Sheldon, Rantoul, IL 61866

Address

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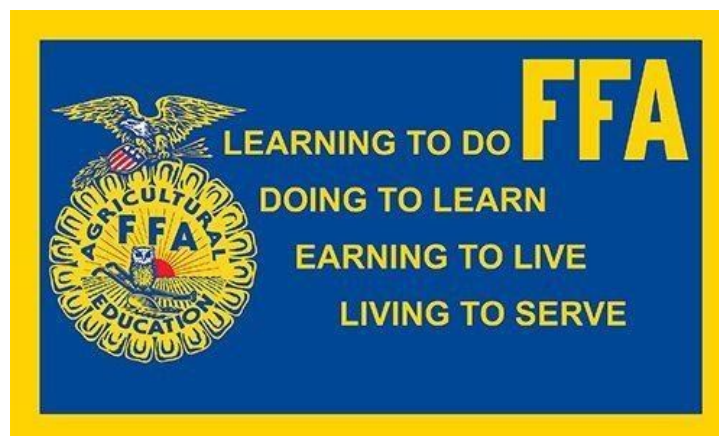
AGRICULTURE

This program consists of courses for all students who wish to increase their knowledge and skill in agriculture. The program includes introductory courses in animal and plant science along with specialized courses in agri-business, mechanics and horticulture. Students who wish to join FFA and remain a member must be enrolled in at least one Agriculture course. Joining the FFA gives students the opportunity to develop leadership skills, participate in contests, and win awards.

Earned credit in Agriculture meets the vocational-technical requirement for graduation. RTHS requires a minimum 1 earned credit in the vocational-technical area.

AVAILABLE 2023-2024 COURSES

<u>COURSE</u>	<u>CREDIT</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>	<u>FEES</u>
Introduction to Agriculture	1/2 unit - one semester Fall semester	No	9, 10, 11, 12	Yes
Exploring Agriscience	1/2 unit - one semester Spring semester	Yes	9, 10, 11, 12	Yes
Exploring Ag Mechanics	1/2 unit - one semester Spring semester	Yes	9, 10, 11, 12	Yes
Veterinary Science	1 unit - two semesters	Yes	10, 11, 12	Yes
Horticulture Science 1	1 unit - two semesters	Yes	10, 11, 12	Yes
Horticulture Science 2	1 unit - two semesters	Yes	11, 12	Yes
Agri-Business Management	1 unit - two semesters	Yes	11, 12	No
Biological Science Applications in Agriculture	1 unit - two semesters	Yes	10, 11, 12	Yes
Natural Resources & Conservation Management	1 unit - two semesters	Yes	10, 11, 12	No
Agricultural Machinery Service	1 unit - two semesters	Yes	10, 11, 12	No
Home Maintenance & Re- pair	1 unit - two semesters	Yes	11, 12	Yes



AGRICULTURE

INTRODUCTION TO AGRICULTURE

FEES: \$5.00

Prerequisite: None

Credit: 1/2 unit - one semester (fall)

This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in plant science, natural resources, agribusiness management, welding, small engines, electricity, and land surveying. Participation in FFA student organization activities and Supervised Ag Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

EXPLORING AGRISCIENCE

FEES: \$5.00

Prerequisite: Intro to Agriculture

Credit: 1/2 unit - one semester (spring)

Designed to help students learn the vital role agriculture plays in our society and in their lives. Students will become aware of the many career opportunities available in the agriculture industry and be eligible to win awards through FFA. Students will learn about animal science, plant science, agribusiness, food science, and conservation.

EXPLORING AG MECHANICS

FEES: \$5.00

Prerequisite: Intro to Agriculture

Credit: 1/2 unit - one semester (spring)

In this course, theory and hands-on experience provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include the basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, welding construction, cold metal work, and operating agricultural equipment safely. Improving workplace and computer skills will be a focus.

VETERINARY SCIENCE

FEES: \$10.00

Prerequisites: Successful completion of Intro to Ag, Exploring Agriscience, and Biology

Credit: 1 unit - two semesters

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Topics to be discussed include veterinary terminology, anatomy and physiology, pathology, genetics, handling and restraint, first-aid, and physical examinations along with common surgical skills. Career exploration will focus on veterinarian, vet lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus.

HORTICULTURE SCIENCE 1

FEES: \$10.00

Prerequisite: Successful completion of Intro to Ag

Credit: 1 unit - two semesters

Horticulture course topics include lawn care and development, tree planting and care, landscaping, gardening (vegetables, fruits, and flowers), plant growth, plant propagation, managing the growing environment, and flower arranging. This applied agriculture science class gives students such experiences as seeding a lawn, sodding a lawn, drawing landscape plans, planting trees, fertilizing trees, using herbicides and insecticides, testing soil, planting a garden, rooting cuttings, forcing bulbs, grafting woody plants, breaking seed dormancy, sterilizing soil, mixing growing media, arranging flowers, and making corsages.

HORTICULTURE SCIENCE 2

FEES: \$10.00

Prerequisite: Junior/Senior standing, successful completion of Horticulture Science 1

Credit: 1 unit - two semesters

This course will be offered to provide students an opportunity to expand their horticultural, agricultural, and FFA knowledge, experiences, and opportunities. Floral design, hydroponics, greenhouse crop production, nursery production, plant propagation and research will be some of the topics covered.



AGRI-BUSINESS MANAGEMENT

Fees: None

Prerequisite: Junior /Senior standing, successful completion of Intro to Ag and 1 additional Agriculture credit

Credit: 1 unit - two semesters

This course is designed to explore issues facing agriculture and business in today's society. Students will learn agricultural business procedures and computer applications. Establishing, managing, and financing the agribusiness along with marketing, advertising, and selling of products will be studied. Students will have a chance to create their own business through the knowledge obtained in this course. Guest speakers and field trips will help make students aware of career opportunities and develop a new perspective on agricultural opportunities. Students will also do lab activities such as creating product displays, creating advertisements, and trying to sell a product.

BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE

Fees: \$10.00

Prerequisite: Successful completion of Intro to Ag and Exploring Agriscience or Biology

Credit: 1 unit - two semesters (May be used as a science credit.)

This class is designed as a laboratory class that will help students understand science concepts and principles by using relevant agriculture applications. The integration of science and agriculture will give students the opportunity to see science at work in plants, animals and the agriculture environment. Students will come to understand agriculture practices and the scientific principles that govern their use.

Students will learn to conduct agricultural research, see agriculture's role in environmental issues, study plant and animal reproduction, and find the "how" and "why" balancing. Students will also do lab exercises dealing with mitosis, flowers, fruits, ruminant digestion, dairy products, and many more. First semester will focus on plant science with second semester devoted to animal science.

NATURAL RESOURCES & CONSERVATION MANAGEMENT

Fees: None

Prerequisite: Successful completion of Intro to Ag

Credit: 1 unit - two semesters

This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in: understanding natural resources and its importance; fish, wildlife, and forestry management & conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and managing tree forests, and outdoor safety education will be featured.

AGRICULTURAL MACHINERY SERVICE

Fees: None

Prerequisites: Successful completion of Intro to Ag, and Exploring Ag Mechanics or Basic Ag Mechanics

Credit: 1 unit - two semesters

This comprehensive machinery service course concentrates on the following are as: using service manuals, electrical applications for agricultural equipment, fundamentals of multi-cylinder engines, reconditioning and repairing agricultural equipment, assembling and adjusting agricultural equipment, welding, organization and management of agricultural machinery dealerships, human relations, and sales techniques. Careers such as agricultural equipment salesperson, mechanic, parts manager, sales manager, service technician, and other related occupations will be examined. Improving workplace and computer skills will be a focus.

HOME MAINTENANCE & REPAIR

Fees: \$10.00

Prerequisites: Junior/Senior standing and successful completion of Intro to Ag and Exploring Ag Mechanics or Foundations of Tech/Engineering

Credit: 1 unit - two semesters.

This advanced course focuses on the knowledge, hands-on skills, and workplace skills applicable to construction in the agricultural industry. Major units of instruction include: personal safety, hand tools, power tools, blueprint reading, surveying, construction skills in carpentry, plumbing, electricity, concrete, block laying, drywall and painting. Careers such as agricultural engineers, carpenter, plumber, electrician, concrete and block layers, finishers, safety specialists, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Students will be eligible to earn a math credit if they complete the necessary learning targets for the informal mathematics class.



BUSINESS

The Business Education Department prepares students to become responsible citizens capable of making economic decisions that will benefit their personal and professional lives. This is achieved by providing a blend of academic and hands-on real world experiences that groom students for further education, business careers, and future employment.

Earned credit in Business meets the vocational technical requirement for graduation (Intro. to Business meets the Consumer Education requirement.) RTHS requires a minimum 1 earned credit in the vocational-technical area.

AVAILABLE 2023-2024 COURSES

<u>COURSE</u>	<u>CREDIT</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>
Introduction to Business	1/2 unit - one semester	No	9, 10, 11, 12
Record Keeping	1/2 unit - one semester	Yes	10, 11, 12
Keyboarding 1	1/2 unit - one semester	No	9, 10, 11, 12
Keyboarding 2	1/2 unit - one semester	Yes	9, 10, *11, *12
*DC Keybd 2	1/2 unit - one semester	Yes	9, 10, *11, *12
Computer Applications	1/2 unit - one semester	Yes	9, 10, 11, 12
Word Processing (Dual Credit)	1/2 unit - one semester	Yes	10, 11, 12
Spreadsheets (Dual Credit)	1/2 unit - one semester	Yes	10, 11, 12
Web Page Dev & Design	1/2 unit - one semester	Yes	9, 10, 11, 12
Digital & Interactive Media	1 unit - two semesters	Yes	10, 11, 12
Accounting 1	1 unit - two semesters	Yes (Grade Level)	10, 11, 12
Accounting 2	1 unit - two semesters	Yes	11, 12
Marketing	1/2 unit - one semester	Yes	10, 11, 12
Business Law 1	1/2 unit - one semester	Yes (Grade Level)	11, 12
Business Law 2	1/2 unit - one semester	Yes	11, 12
Economics	1/2 unit - one semester	Yes (Grade Level)	11, 12
Entrepreneurship/DC Entrep	1/2 unit - one semester	Yes	11, 12
Cooperative Education (work program)	class = 1 unit, work = 2 units	Yes	11, 12
Internships/Career Exploration	1/2 unit - one semester	Yes (Grade Level)	11, 12



INTRODUCTION TO BUSINESS

Prerequisite: None
Grade Levels: 9, 10, 11, or 12
Credit: 1/2 unit - one semester

This course takes students on a journey towards life outside of high school. Students will learn about careers and how to create a path toward the career of their interest and skills. Students will also examine the basic concepts of financial literacy, specifically budgeting, banking, and credit. All of this is done while focusing on employability skills. * **This course fulfills the Consumer Education graduation requirement.**

RECORDKEEPING

Prerequisite: Successful completion of, or concurrent enrollment in, Intro to Business. Students with credit in Accounting will not be eligible to take this course
Grade Levels: 10, 11, 12
Credit: 1/2 unit - one semester

Recordkeeping develops understanding of and skill in maintaining accurate records; includes skills used in everyday business activities both for personal and professional use; provides an opportunity to develop skills related to personal financial management as well as budgeting, financial planning, cashier's records, handling of money, and tasks common to simple office practices.

KEYBOARDING 1

Prerequisite: None.
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit - one semester.

Students will develop skills in operating a computerized keyboard by using the touch system to efficiently produce documents used in academic, personal, and business situations. Students who feel their keyboarding skills are more advanced have the option to take an exam to determine if they are eligible to proficiency out of Keyboarding 1 and into Keyboarding 2. Proficiency test score: 45 GWAM (gross words a minute) with 3 or fewer errors on a 3 minute timing.

KEYBOARDING 2

Prerequisite: Successful completion of Keyboarding I or Proficiency
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit - one semester

This course is designed to develop keyboarding skills to rapidly and accurately produce business letters, memos, reports, and tables.

DUAL CREDIT KEYBOARDING 2

Prerequisite: Successful completion of Keyboarding I and must be able to touch type (Parkland requirement) **or** Proficiency and Parkland touch type requirement
Grade Levels 11, 12
Credit: 1/2 unit - one semester

This course is designed to develop keyboarding skills to rapidly and accurately produce business letters, memos, reports, and tables. 3 Parkland College credit hours can be earned.

COMPUTER APPLICATIONS

Prerequisite: Successful completion of Keyboarding 1. Students with credit in Word Processing or Spreadsheets are not eligible to take this course.
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit - one semester

Students will use application software in the Microsoft Office Suite to create documents, spreadsheets, graphs, and presentations. Students will also explore and produce documents in various other applications.



BUSINESS

WORD PROCESSING (Dual Credit)

Prerequisite: Successful completion of Keyboarding I
Grade Levels: 10, 11, 12
Credit: 1/2 unit - one semester

Students will examine and become familiar with the basic and advanced features of Microsoft Word. Students will explore the benefits of Microsoft Word as it pertains to their personal and professional lives. Students can earn 3 Parkland College Credits.

SPREADSHEETS (Dual Credit) (Offered in 2024-2025)

Prerequisite: Successful completion of Word Processing or Computer Applications
Grade Levels: 10, 11, 12
Credit: 1/2 unit - one semester

Students will examine and become familiar with the basic and advanced features of Microsoft Excel. Students will explore the benefits of Microsoft Excel as it pertains to their personal and professional lives.

WEB PAGE DEVELOPMENT AND DESIGN

Prerequisite: Successful completion of Keyboarding I
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit - one semester

Students will be able to create their own working website by the end of this course by manipulating: images, tables, menu bars, links, and CSS layouts and rules. Students will learn about copyright laws and how they affect what they can and cannot include in their websites.

DIGITAL & INTERACTIVE MEDIA

Prerequisite: Completion of application.
Application includes staff expectations signed by both student and parent/guardian
Grade Levels: 10, 11, 12
Credit: 1 unit—two semesters

Students will navigate the Premiere Pro workspace in order to produce new for the rest of the school. Students decide what will be highlighted for the rest of the school to see and how this year will look for the rest of the student body. This course will also allow the students to engage in all aspects of video production; from the planning stages to the implementation, editing and final production.

Students will have the opportunity to live cast school events on the school Youtube Channel.

ACCOUNTING 1

Prerequisite: 10, 11, 12
Credit: 1 unit - two semesters

Students will plan, record, analyze, and interpret financial information to enable them to more knowledgeably manage and understand financial resources. Students will also explore work ethics and professional business ethics and their importance for success to workers and citizens.

ACCOUNTING 2

Prerequisite: Successful completion of Accounting I
Grade Levels: 11, 12
Credit: 1 unit - two semesters

Students will expand their study of planning, recording, analyzing, and interpreting financial information according to generally accepted accounting practices using manual and electronic methods.



MARKETING

Prerequisite: Successful completion of *Introduction to Business*
Grade Levels: 10, 11, 12
Credit: 1/2 unit - one semester

Students will discover the foundations and functions needed to successfully market goods, services, and ideas to consumers. Students will design a marketing plan for a business that is suited for a specific target market that will meet the goals of the business.

BUSINESS LAW 1

Prerequisite: Junior or senior standing
Credit: 1/2 unit - one semester

Students will explore the foundations of business law while investigating personal law topics. Students will demonstrate their understanding of the U.S. legal system and constitution through a mock trial.

BUSINESS LAW 2

Prerequisite: Successful completion of *Business Law 1*
Grade Levels: 11, 12
Credit: 1/2 unit - one semester

Students will expand their knowledge by exploring more in depth topics related to personal and business law concepts. Students will demonstrate their knowledge of contract, labor, employment law through a mock trial.

ECONOMICS

Prerequisite: Junior or senior standing
Credit: 1/2 unit - one semester

Students will examine how individuals, households and firms make decisions to allocate limited resources. Students will focus on individual decisions and specific markets to make better economic decisions and satisfy their needs and wants.

ENTREPRENEURSHIP

Prerequisite: Successful completion of *Introduction to Business*
Grade Levels: 11, 12
Credit: 1/2 unit - one semester

This course takes students on a step-by-step journey through the process of owning a business. This course focuses on the fundamentals of entrepreneurship and small business management with an emphasis on organization, financial, and marketing management. The main activities is business planning, and keys to business success.

DUAL CREDIT ENTREPRENEURSHIP

Prerequisite: 3.0 GPA, reading placement score of CCS099 or college level reading
Grade Levels: 11, 12
Credit: 1/2 unit - one semester

This course is designed for all owners, managers, and employees of existing or proposed small or independent businesses, including nonprofit organizations. This course focuses on the fundamentals of entrepreneurship and small business management with an emphasis on organization, financial, and marketing management. The main activities are business planning and keys to business success. 3 Parkland College credit hours can be earned.



COOPERATIVE EDUCATION 1 (offered in even numbered years 2024-2025)

Prerequisite: Instructor recommendation & application process
Grade Levels: 11, 12
Credit: 1 unit - two semesters

(Students must follow all given state regulations for this type of work experience program.)

Students will develop a clearer vision of a productive future and an understanding of how to make that vision a reality through an extensive school-to-work program with a close relationship between local businesses and school. Students will explore a wide range of career options with increased motivation to stay in and to succeed in school.

COOPERATIVE EDUCATION 2 (offered in odd numbered years 2023-2024)

Prerequisite: Instructor recommendation & application process
Grade Levels: 11, 12
Credit: 1 unit - two semesters

(Students must follow all given state regulations for this type of work experience program.)

Students will examine additional topics in order to make the transition from school to work a comprehensive experience.

COOPERATIVE EDUCATION WORK PROGRAM

Prerequisite: Instructor recommendation & application process
Grade Levels: 11, 12
Credit: 2 units - two semesters.

This is the work portion of the Cooperative Education program. Students will obtain and keep a job at an approved training station for the entire school year. They will leave school before last period of each day and report to their job site. The hours spent at their job per week shall number at least fifteen and no more than thirty. **Students must maintain employment in order to receive credit for any of the Work/Coop programs.**

INTERNSHIPS/CAREER EXPLORATION

Prerequisite: Credit Current
Grade Levels: 11, 12
Credit: 1 unit - two semesters.

The Internship Program allows students the opportunity to learn more about a career pathway as part of their post-secondary planning process. Students will be released from school/class 5-8 hours a week to participate in an unpaid job shadowing/internship experience. Students in this course will also have the opportunity to earn dual credit with Parkland Community College, as well as elective English credit at RTHS. To enroll in this course, attendance and discipline will be evaluated prior to being accepted.



TECHNOLOGY & ENGINEERING

Earned credit in Technology & Engineering meets the vocational-technical requirement for graduation. RTHS requires a minimum 1 earned credit in the vocational-technical area.

AVAILABLE 2023-2024 COURSES

<u>COURSE</u>	<u>CREDIT</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>	<u>FEES</u>
Foundations of Technology & Engineering	1/2 unit - one semester	No	9, 10, 11, 12	Yes
Precision Metal Production 1	1/2 unit - one semester	Yes	9, 10, 11, 12	Yes
Precision Metal Production 2, Welding	1/2 unit - one semester	Yes	10, 11, 12	Yes
Engineering by Design	1 unit - two semesters	Yes	11, 12	Yes
Foundation of Precision Wood Production	1/2 unit - one semester	Yes	9, 10, 11, 12	Yes
Precision Wood Production 1	1/2 unit - one semester	Yes	10, 11, 12	Yes
Precision Wood Production 2	1 unit - two semesters	Yes	11, 12	Yes
Electronics Technology 1	1/2 unit - one semester	Yes	9, 10, 11, 12	Yes
Electronics Technology 2, Robotics	1/2 unit - one semester	Yes	10, 11, 12	Yes
Electronics Technology 3, Mechatronics 3	1 unit - two semesters	Yes	11, 12	Yes
Foundations of Drafting Communication Technology	1/2 unit - one semester	Yes	9, 10, 11, 12	Yes
Architectural Drafting 1 & 2	1 unit - two semesters	Yes	10, 11, 12	Yes
Mechanical Drafting 1 & 2	1 unit - two semesters	Yes	10, 11, 12	Yes



TECHNOLOGY & ENGINEERING

FOUNDATIONS OF TECHNOLOGY & ENGINEERING

FEES: \$10.00

Prerequisite: None

Grade Levels: 9, 10, 11, 12

Credit: 1/2 unit - one semester

Introduction to Technology & Engineering is comprised of the following areas: Production, Transportation, Communication, Energy Utilization and Engineering Design but is not limited to these areas only. This course will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system

PRECISION METAL PRODUCTION 1

FEES: \$15.00

Prerequisite: Successful completion of

Foundations of Tech & Engineering

Grade Levels: 9, 10, 11, 12

Credit: 1/2 unit - one semester

This course offers a planned sequence of learning experiences which provide students with the opportunities to develop competencies needed for employment in a variety of manufacturing related occupations. This course introduces students to the skills common to many occupations, such as applying safety practices, selecting materials, performing bench work operations, performing precision measurement, performing layouts, recordkeeping activities, and operating a variety of tools used for separating, forming, and combining materials.

PRECISION METAL PRODUCTION 2..WELDING

FEES: \$15.00

Prerequisite: Successful completion of Precision Metal Prod. 1

Grade Levels: 10, 11, 12

Credit: 1/2 unit - one semester

This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include Arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. In addition, students learn the basics of blueprint reading, precision measuring, layout, and production process planning.

ENGINEERING BY DESIGN (offered in even # years, 2024-2025)

FEES: \$20.00

Prerequisite: Successful completion of Precision Metal Prod. 2

Grade Levels: 11, 12

Credit: 1 unit - two semesters

In this course, engineering scope, content, and professional practice are presented through practical applications. Students in engineering teams apply technology, science, and mathematics concepts and skills to solve engineering design problems and create innovative designs. Students gain machining skills while working with lathes, milling machines, surface grinders, drill presses, and other equipment. In addition, students learn the basics of blueprint reading, precision measuring, layout, and machining process planning. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. This course is the capstone experience for students who are interested in Technology, Innovation, Design, and Engineering.

FOUNDATION OF PRECISION WOOD PRODUCTION

FEES: \$15.00

Prerequisite: Successful completion of Foundations of Tech & Engineering

Grade Levels: 9, 10, 11, 12

Credit: 1/2 unit - one semester

Beginning Cabinetmaking course provides students with experience in constructing cases, cabinets, counters, and other interior woodworking. Students learn how to use various woodworking machines and power tools for cutting and shaping wood. This course can cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware.

PRECISION WOOD PRODUCTION 1

FEES: \$15.00

Prerequisite: Successful completion of Foundation of Precision Wood Prod

Grade Levels: 10, 11, 12

Credit: 1/2 unit - one semester

This course introduces students to the basic design and fabrication of residential cabinetry and custom furniture. The course also exposes students to the millwork and millwright industry. Instruction includes safety practices in using hand tools and power equipment. In addition, there will be an added emphasis on Computer Numeric Control (CNC) systems and the manufacturing process.

PRECISION WOOD PRODUCTION 2.(offered in odd # years 2023-2024)

FEES: \$30.00

Prerequisite: Successful completion of Precision Wood Prod. 1

Grade Levels: 11, 12

Credit: 1 unit - two semesters

This course provides learning experiences related to the erection, installation, and maintenance of commercial and residential cabinetry, and the repair and maintenance of stationary woodworking machinery. Advanced CNC project planning skills will be developed and other planned learning activities emphasize the development of more advanced knowledge and skills than those provided in Cabinetmaking and Millwork I. This course provides the student with the knowledge and skills necessary to perform basic cabinetry construction and how it relates to the manufacturing process. In addition, more advanced woodworking machine maintenance skills are introduced.



ELECTRONICS TECHNOLOGY 1**FEES: \$10.00****Prerequisite:** Successful completion of Foundations of Tech & Engineering**Grade Levels:** 9, 10, 11, 12**Credit:** 1/2 unit - one semester

This course introduces students to the vocational fields of energy. In this class, students are introduced to basic direct current circuits, theory of electricity operations, power distribution, & the power of Ohm's Law. Students also develop the skills needed to service, repair, and replace a wide range of equipment associated with automated or instrument-controlled manufacturing processes. The class work involves a variety of hands on activities. Instruction also includes safety principles and practices, semi-conductors and transistor theory, electrical parameters and circuits, electronic component function and identification, and the use and care of related hand tools, power tools, and test equipment. In addition to the manipulative skills, students will use academic skills in math and reading along with safe work habits.

ELECTRONICS TECHNOLOGY 2, ROBOTICS**FEES: \$10.00****Prerequisite:** Successful completion of Electronics Technology 1**Grade Levels:** 10, 11, 12**Credit:** 1/2 unit - one semester.

This course develops and expands students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers.

ELECTRONICS TECHNOLOGY 3, MECHATRONICS 3 (offered in even # years, 2024-2025)**FEES: \$10.00****Prerequisite:** Successful completion of Electronics Tech 2**Grade Levels:** 11, 12**Credit:** 1 unit - two semesters

This course provides planned learning activities designed to allow students to gain knowledge and skills in testing, maintaining, and repairing electronic equipment and systems used in the manufacturing industry. Learning activities in this course emphasizes the development of more advanced knowledge and skills than those provided in Electronics Technology 1. Skills introduced in this course include instruction in the interpretation of technical sketches, schematics, and circuit diagrams. Additional units of instruction include Electro-Mechanical systems provide students with instruction and experience in components and equipment that use electricity and the power of physical forces. Students gain an understanding of the principles of electricity and mechanics and their application to gears, including hydraulic /pneumatic equipment, cams, levers, circuits, and other devices used in the manufacturing process or within manufactured goods.

FOUNDATIONS OF DRAFTING COMMUNICATION TECHNOLOGY**FEES: \$10.00****Prerequisite:** Successful completion of Foundations of Tech & Engineering**Grade Levels:** 9, 10, 11, 12**Credit:** 1/2 unit - one semester

Beginning Drafting is an introductory level drafting course. During this course students will learn the basic fundamentals of drafting and /or computer aided drafting (CAD). The instruction will include the care and use of drafting equipment, freehand sketching, orthographic projection, lettering techniques, dimensioning standards, pictorial drawings, drawing reproduction, and an introduction to CAD. Students will also be exposed to industry standard software such as; AutoCAD, Inventor, and Revit.



ARCHITECTURAL DRAFTING 1 & 2

FEES: \$10.00

Prerequisite: Successful completion of Foundations of Drafting

Grade Levels: 10, 11, 12

Credit: 1 unit - two semesters.

Architectural Drafting 1 (1 semester): This course is designed to provide students interested in a career in Architecture with information and practical experience needed for the development of job-related competencies. Students are made aware of the career opportunities available in the Architectural Drafting and Architectural Drafting CAD - CADD field. Instruction is provided in the areas of planning and organizing activities, researching information, performing general office procedures, preparing of preliminary drawings, basic layout, detail drawings, reproduction techniques, producing working drawings, and computer aided drafting. Students are also provided with instruction in producing architectural drawings in the areas of presentation, floor plans, illustration of landscape features, sketching preliminary floor plans, drawing foundation plans and sections, exterior elevations, stair sections, chimney sections, roof sections, finish schedules, preparing plumbing, HVAC and electrical plans, and structural drawings.

Architectural Drafting 2 (1 semester): Instruction is provided in the areas of locating information using computer data files, determination of materials and availability, project conferences, checking plan dimensions, drawing schematic sketches, preparing scale sketches, producing drawings from written /verbal instructions, application of coordinate dimensioning standards, creating drawings using a plotter/printer, producing renderings and/or charts and graphs, and common plan features. Instruction is also provided in the areas of drawing framing plans, wall sections, fireplace sections, door sections, door and window schedules, dimensioning structural steel drawings, constructing column detail drawings, preparation of structural foundation, slab and floor plans, drawing electrical, block, schematic, and electrical connection drawings. Skills relating to CAD include preparation of a basic CAD drawing, building and editing a data base, developing a 3-dimensional drawing and selecting appropriate line work, line weight, and color.

MECHANICAL DRAFTING 1 & 2

FEES: \$10.00

Prerequisite: Successful completion of Foundations of Drafting

Grade Levels: 10, 11, 12

Credit: 1 unit - two semesters.

Mechanical Drafting 1 (1 semester): This course introduces students to layout to scale using specified tolerances, preparing detail drawing for individual parts from drawings, layout and creating assembly drawings, and preparing mechanical orthographic subassembly drawings. This course also includes a sequence of CAD experiences in 2-dimensional and **3-dimensional** drawing generation to include vocabulary development, system operation, entity creation, dimensioning and text insertion, plotting, three dimensional coordinate system, 3-D parts detailing and assembly drawings, wire frame models, and system management relative to hard disk and tape storage systems. Primary focus will be using Autodesk Inventor.

Mechanical Drafting 2 (1 semester): Instruction is provided in the areas of identifying appropriate interfacing personnel (internal/external), producing renderings (**3D drawings**) and project time schedules, producing structural working drawings as structural steel plans, dimension structural steel drawings, and draw beam connections, and producing electrical and electronic working drawings as electrical and electronic schematic diagrams. Additional skills introduced in this program include determining the requirements of a specific drafting job, preparing preliminary drawings such as freehand, isometric, orthographic, and oblique sketches; preparing detail drawings such as creating assembly drawings, orthographic projections, sectional views, auxiliary views, isometric views and letter drawings; producing mechanical working drawings such as detailing components of mechanical orthographic assembly and subassembly drawings; using CAD command processes as preparing a basic CAD drawing, start up, log on, retrieve, save, log off and shut down CAD system; creating disk files, copying disk files, and generating a grid on drawing. Advanced Autodesk Inventor will be the primary focus of this class. Other supplemental programs will also be used from time to time.



FAMILY & CONSUMER SCIENCE

The mission of family and consumer science education is to prepare students for lifelong learning in a diverse global society by focusing on family life, work life and personal growth. The goals of these courses are to help students develop interests, knowledge and skills in areas of foods, textiles, child care, parenting, housing and interior design, and consumerism. All students are permitted to enroll in the course desired provided recommended prerequisites have been met.

Earned credit in Family & Consumer Science meets the vocational-technical requirement for graduation. RTHS requires a minimum 1 earned credit in the vocational-technical area.

AVAILABLE 2023-2024 COURSES

<u>COURSE</u>	<u>CREDIT</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>	<u>FEES</u>
Introduction to FCS	1/2 unit - one semester	No	9, 10	Yes
Culinary 1	1/2 unit - one semester	Yes	9, 10, 11, 12	Yes
Baking Essentials	1/2 unit - one semester	Yes	10, 11, 12	Yes
Advanced Culinary	1/2 unit - one semester	Yes	11, 12	Yes
Hospitality	1/2 unit - one semester	Yes	11, 12	Yes
Textiles 1	1/2 unit - one semester	Yes	9, 10, 11, 12	No
Textiles 2	1/2 unit - one semester	Yes	10, 11, 12	No
Textiles 3	1/2 unit - one semester	Yes	11, 12	No
Fashion Merchandising	1/2 unit - one semester	Yes	11, 12	No
Child Development 1/ Human Growth & Development	1/2 unit - one semester	Yes	9, 10, 11, 12	No
Child Development 2/Early Childhood Education	1 unit - two semesters	Yes	10, 11, 12	No
Foundations of Teaching	1/2 unit - one semester	Yes	11, 12	No
Parenting	1/2 unit - one semester	Yes	11, 12	No
Housing & Interior Design	1/2 unit - one semester	Yes	10, 11, 12	No
Independent Living	1/2 unit - one semester	No	12	Yes



FAMILY & CONSUMER SCIENCE

INTRODUCTION TO FAMILY & CONSUMER SCIENCES

FEES: \$10.00

Prerequisite: None

Credit: 1/2 unit - one semester

Students will be introduced to the Family and Consumer Science pathways with units of instruction in food preparation and nutrition, fashion and interior design concepts, personal finance, healthy relationships and child care practices. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials, and technology appropriate to the course content and in accordance with current practices.

CULINARY 1

FEES: \$10.00

Prerequisite: Successful completion of Intro to Family & Consumer Sciences

Credit: 1/2 unit - one semester

Students will learn basic nutrition principles; explore the kitchen workplace and understand basic cooking principles and techniques. Students will interpret nutritional information and its effects on health as well as prepare basic food items using the proper measuring techniques and use proper tools. Students will earn the ServSafe Food Handling Certification if passed.

BAKING ESSENTIALS

FEES: \$10.00

Prerequisite: Successful completion of Culinary 1

Credit: 1/2 unit - one semester

Students will gain hands-on experience creating a variety of baked goods and desserts. Students will study the fundamentals of baking including dough, quick breads, pies, cakes, cookies, and basic items made in a bakery. Topics include baking terminology, tools and equipment use, functions of ingredients, and decorating techniques. This course includes classroom instruction and practical lab work in a commercial kitchen.

ADVANCED CULINARY

FEES: \$10.00

Prerequisite: Successful completion of Culinary 1

Credit: 1/2 unit - one semester

Advanced Culinary allows students to further develop their skills by applying the principles learned in Culinary 1. This course will allow the students to learn more about herbs, spices, cooking methods and work place skills by participating in catered events.

HOSPITALITY

FEES: \$10.00

Prerequisite: Successful completion of Culinary 1

Credit: 1/2 unit - one semester

Students will explore the hospitality, tourism, and event planning industries. Lab experiences will focus on workplace skills in the food service/banquet industry including, but not limited to, planning seasonal events, catering functions, and quantity food production.

TEXTILES 1

Prerequisite: Successful completion of Intro to Family & Consumer Sciences

Credit: 1/2 unit - one semester

In this course students will explore careers in the fashion industry as well as gain hands on experience with textiles and textile tools and equipment. Students examine the technical side of the fashion business. They must know exactly how a bolt of fabric is transformed into a finished garment.

TEXTILES 2

Prerequisite: Successful completion of Textiles 1

Credit: 1/2 unit - one semester

In this course, students will gain advanced hands-on experience with textiles and textile tools and equipment. Students will construct 2 to 3 garments, while participating in a community service project.

TEXTILES 3

Prerequisite: Successful completion of Textiles 1 and 2 or consent of instructor

Credit: 1/2 unit - one semester

In this course students will spend more time with hands-on projects and working with the tools and equipment involved in producing garments. They will apply their skills in constructing garments as well participating in a community service project.



FASHION MERCHANDISING

Prerequisite: Successful completion of Textiles 1, 2, & 3 or consent of instructor
Credit: 1/2 unit - one semester

Students enrolled in this course will learn about other avenues of the Textile Industry that does not include clothing construction. Careers such as fashion forecaster, design, marketing/branding, sales, and retail merchandising will be explored.

CHILD DEVELOPMENT 1/HUMAN GROWTH & CHILD DEVELOPMENT

Prerequisite: Successful completion of Intro to Family & Consumer Sciences
Credit: 1/2 unit - one semester

This course focuses on the developmental theories and best practices in early care and education focusing on prenatal development and the physical, cognitive, social, and emotional growth of children ages birth to three. Students will be introduced to the Illinois Early Learning Guidelines and career opportunities in the early care and education field. The career focus will be on working with children and families in the early stages of human development.

CHILD DEVELOPMENT 2/EARLY CHILDHOOD EDUCATION

Prerequisite: Successful completion of Child Development 1/Human Growth. Successful completion of 1st semester Child Development 2/Early Childhood Education to enter 2nd semester.
Credit: 1 unit - two semesters

Early Childhood Education prepares students to enter the world of work or post-secondary opportunities in the field of early care and education. Students will have the opportunity to participate in lab practical experiences working with children in a child care/school setting. Students enrolled in this course will also have the opportunity to earn certification that meets Illinois Department of Children and Family Services required licensing standards in the field of early care and education.

FOUNDATIONS OF TEACHING (offered in 2024-2025)

Prerequisite: Successful completion of Child Development 1
Credit: 1/2 unit - one semester

This course introduces students to the principles underlying teaching and learning, responsibilities and duties of teachers, and strategies and techniques to deliver knowledge and information. A combination of classroom and field experiences will enable students to gain skilled knowledge and understanding of the education profession. Course content includes projects to develop an understanding of the learner and the learning process, instructional planning, the learning environment, assessment and instructional strategies, career opportunities in the field of education, and Illinois regulations and licensing requirements.

PARENTING

Prerequisite: Successful completion of Child Development 1/Human Growth & Child Dev
Credit: 1/2 unit - one semester

Students will comprehend the importance of parenting, including responsibilities and skills needed. Students will examine parenthood and family structures, decision-making as it applies to parenting, and explore the various health and safety practices applicable to parenthood.

HOUSING AND INTERIOR DESIGN

Prerequisite: Successful completion of Intro to Family & Consumer Sciences
Credit: 1/2 unit - one semester

Students will explore housing as a need and design implications. Students will use technology to assist in floor planning, learn the common trends in housing and implement design principles.

INDEPENDENT LIVING

FEES: \$10.00
Prerequisite: None
Credit: 1/2 unit - one semester

Students will explore a variety of areas to facilitate independent living. Students will complete the budgeting process, learn to apply basic sewing, and cooking procedures.

ART/MUSIC

Are you interested in learning more about fine arts? RTHS fine arts classes are for students interested in the fine arts area as a future occupation or as a hobby. There is a place for everyone as students have a variety of classes to choose from. Looking for a new interest? Try a fine arts class!

Art courses may interest students who are considering an art connected career or who enjoy drawing or construction for creative satisfaction. Successful completion of 3 years of art will prepare a student for college as an art major or in related fields such as industrial design, architecture, advertising, fashion design, art teaching, or commercial art.

Students may also be interested in a variety of music classes. The music department presents concerts and community performances throughout the year which are required for students enrolled in a music course. Extracurricular opportunities in music are available in the form of smaller, independent ensembles as well.

**Students are responsible to acquire concert attire which is all black (shoes, socks, pants/skirt, and shirt), unless otherwise specified.*

Earned credit in Art/Music/Drama meets the Fine Arts requirement for graduation. RTHS requires a minimum 1 earned credit in the Fine Arts area.

AVAILABLE 2023-2024 COURSES

<u>COURSE</u>	<u>CREDIT</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>	<u>FEES</u>
Art Foundations	1 unit - two semesters	No	9, 10, 11, 12	Yes
Intro to Sculpture	1 unit - two semesters	Yes	10, 11, 12	Yes
Advanced Sculpture	1 unit - two semesters	Yes	11, 12	Yes
Drawing & Painting	1 unit - two semesters	Yes	10, 11, 12	Yes
Advanced Drawing/Painting	1 unit - two semesters	Yes	11, 12	Yes
Concert Woodwinds	1 unit - two semesters	No	9, 10, 11, 12	No
Concert Brass	1 unit - two semesters	No	9, 10, 11, 12	No
Eagle Band	1/2 unit - one semester (Fall)	Yes	9, 10, 11, 12	Yes
Jazz Ensemble 1,2	1 unit - two semesters	Yes	9, 10, 11, 12	Yes
Percussion Ensemble	1/2 unit - one semester (Spring)	Yes	9, 10, 11, 12	Yes
Wind Ensemble	1/2 unit - one semester (Spring)	Yes	9, 10, 11, 12	Yes
All Voices 1,2	1 unit - two semesters	No	9, 10, 11, 12	No
Concert Choir	1 unit - two semesters	No	9, 10, 11, 12	Yes
Chamber Choir	1 unit - two semesters	Yes	9, 10, 11, 12	Yes
Modified Music	1 unit - two semesters	No	9, 10, 11, 12	No
Music Appreciation	1 unit - two semesters	No	9, 10, 11, 12	Yes
Music Theory	1 unit - two semesters	Yes	9, 10, 11, 12	No



ART FOUNDATIONS

FEES: \$10.00
Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

Students taking this introductory art class will learn about the various forms and styles of art. The elements and principles of art will be emphasized and basic drawing, painting, and sculpting will be presented to the students within a historical context.

INTRODUCTION TO SCULPTURE

FEES: \$10.00
Prerequisite: Successful completion of Art Foundations
Grade Levels: 10, 11, 12
Credit: 1 unit - two semesters

Students in this class will learn about basic sculptural materials and techniques. Using a variety of materials (paper, wire, plaster, wood, clay), students will create a variety of sculptures while exploring historical and modern trends in the art world.

ADVANCED SCULPTURE

FEES: \$10.00
Prerequisite: Successful completion of Introduction to Sculpture
Grade Levels: 11, 12
Credit: 1 unit - two semesters

Students in this course will be given more complexity in sculptural processes and techniques. Emphasis will be placed on developing individual style with various media.

DRAWING AND PAINTING

FEES: \$10.00
Prerequisite: Successful completion of Art Foundations
Grade Levels: 10, 11, 12
Credit: 1 unit - two semesters

Expand your art knowledge and experience with drawing and painting challenges! Focus is on creating quality art objects and mastering basic drawing and painting skills using a variety of materials. Explore the influence of basic historic, critical, and aesthetic issues in art through 2-d experiences.

ADVANCED DRAWING AND PAINTING

FEES: \$10.00
Prerequisite: Successful completion of Drawing & Painting
Grade Levels: 11, 12
Credit: 1 unit - two semesters

In this class, a serious effort will be put on developing a professional portfolio. Create quality works with more depth in the finished image. Emphasis will also be placed on historical and contemporary art movements through artwork.

CONCERT WOODWINDS

Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

This course is designed for students who have never played a wind instrument, or students who want to study a new instrument. No previous experience is required. This class will combine with the Concert Brass for four concerts throughout the school year.
 *All band students will take a playing assessment prior to the second semester placing them in either Concert Brass, Concert Woodwinds, or Wind Ensemble for the spring. Students may change groups between semesters.

Attendance at all rehearsals and performances is required.

CONCERT BRASS

Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

This course is designed for students who have never played a wind instrument, or students who want to study a new instrument. No previous experience is required. This class will combine with the Concert Woodwinds for four concerts throughout the school year.
 *All band students will take a playing assessment prior to the second semester placing them in either Concert Brass, Concert Woodwinds, or Wind Ensemble for the spring. Students may change groups between semesters.

Attendance at all rehearsals and performances is required.



EAGLE BAND (1st semester)

FEES: Possible trip payments, marching band polo/t-shirt (payable directly to the band)

Prerequisite: Concert Brass/Concert Woodwinds **OR** membership in band in junior high.

Grade Levels: 9, 10, 11, 12

Credit: 1/2 Unit—one semester (Fall only)

The first part of the semester is dedicated to preparing the halftime show used for football games and competitions. The marching band will rehearse during summer camps, in class during the first quarter, and during weekly evening practices. Eagle Band will rehearse and perform as a large symphonic band during the Veteran's Day and Holiday band concerts.

*All band students will take a playing assessment prior to the second semester placing them in either Concert Brass, Concert Woodwinds, or Wind Ensemble for the spring. Students may change groups between semesters.

**During the fall semester, all students taking Eagle Band should enroll in Band PE.

All rehearsals and performances are mandatory. All band students are also members of the marching and athletic bands. All students are expected to practice their instruments at home, before school, or after school. Memorization of music is mandatory. (Marching Band Only).

JAZZ ENSEMBLE

FEES: Possible trip payments, marching band polo/t-shirt (payable directly to the band)

Prerequisite: Audition/Consent of Instructor

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

The RTHS Jazz Ensemble uses traditional "big band" instrumentation of saxophones, trumpets, trombones, and rhythm section. This group will perform a diverse selection of traditional and contemporary jazz repertoire, incorporate the study of jazz style and improvisation into performance, represent RTHS at regional and state festivals, and support the Rantoul community in concerts and local performances.

All rehearsals and performances are mandatory.

PERCUSSION ENSEMBLE (2nd semester)

FEES: Possible trip payments

Prerequisite: Percussion experience in junior high band/Consent of Instructor

Grade Levels: 9, 10, 11, 12

Credit: 1/2 unit - one semester (Spring only)

Percussionists who are a part of the RTHS Eagle Band (fall semester) will be enrolled in Percussion Ensemble in the Spring (instead of Wind Ensemble or Concert Brass/Woodwinds). This class will focus on keyboard percussion, snare drum, timpani, accessories, and other concert percussion techniques. The Percussion Ensemble will perform independently and with the Concert Woodwinds, Concert Brass, and Wind Ensemble.

All rehearsals and performances are mandatory.

WIND ENSEMBLE (2nd semester)

FEES: Possible trip payments

Prerequisite: Placement Audition

Grade Levels: 9, 10, 11, 12

Credit: 1/2 unit - one semester (Spring only)

The RTHS Wind Ensemble is an audition based group for students who play a woodwind, brass, or percussion instrument. This group represents RTHS at school concerts, regional and state festivals, and various community events. Students in this ensemble are encouraged to prepare music for the IHSA Solo & Ensemble Festival in March and to audition for the ILMEA district ensembles in the fall.

ALL VOICES

Prerequisite: None

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

All Voices is an ensemble that is open to any and all singers who would like to get involved with singing at RTHS! Freshmen and beginners are welcome in this group and there is no audition required.



CONCERT CHOIR

FEES: Possible trip payments
Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

Concert Choir is an intermediate ensemble at RTHS that is designed for singers who want to build their musicianship and vocal skills! Freshmen through seniors are welcome and a short audition with Ms. Rife is required.

CHAMBER CHOIR

FEES: Possible trip payments
Prerequisite: Audition
Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

Chamber Choir is an advanced ensemble at RTHS that is designed for sophomore through senior who wish to perform at a high caliber! Musicianship and vocal skills will be expanded through exciting repertoire. This ensemble will perform at community events and at schools in the area. A short audition with Ms. Rife is required.

MODIFIED MUSIC

Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1 unit—two semesters

Our Modified Music class is for our special learners with differing abilities. This class is designed to recognize students' abilities and develop them to the fullest within a musical setting. Students also have the opportunity to sing with other RTHS choirs in the "High Five Choir" which performs one to two times per year.

MUSIC APPRECIATION

FEES: Possible trip payments, marching band polo/t-shirt (payable directly to the band)
Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1 unit—two semesters

Students in this course will look at the role music plays in the world around them, the American society and in their own lives. The class will focus on music as a means of telling stories as well as the history of western music and a unit on music from other cultures. Students will also become more musically literate through the study of piano and be able to perform simple songs on the keyboard. There are lots of great musical opportunities in this class!

MUSIC THEORY

Prerequisite: Concurrent or previous enrollment in a music class
Grade Levels: 9, 10, 11, 12
Credit: 1 unit—two semesters

This course is designed for students considering a major or minor in music at the college level. Content includes music theory, harmony, composition, the evolution of Western "art" music, and music literature. Students will learn the skills necessary to pass typical college music entrance exams. Class activities include listening, analyzing scores, composing and performing music, and practicing music dictation. The students must be able to read music.



ENGLISH/LANGUAGE ARTS/DRAMA

RTHS requires a minimum 4 earned credits in English.

***Grade level designations apply except when a student needs to make up previously failed required classes.**

AVAILABLE 2023-2024 COURSES

<u>COURSE</u>	<u>CREDIT</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>	<u>FEES</u>
Strategic Literacy 1, 2, & 3	1 unit - two semesters	Yes	9, 10, 11	No
English 1	1 unit - two semesters	No	*9	No
Honors English 1	1 unit - two semesters	Yes (recommendation)	9	No
English 2 (S1)	1/2 unit - one semester	Yes	*10	No
English 2 - Science Fiction (S2)	1/2 unit - one semester	Yes	*10	No
English 2 - Memoir (S2)	1/2 unit - one semester	Yes	*10	No
Honors English 2	1 unit - two semesters	Yes	10	No
English 3	1/2 unit - one semester	Yes	*11	No
English 3– Themes in American Literature: Justice	1/2 unit - one semester	Yes	*11	No
English 3– Themes in American Literature: Home and Family	1/2 unit - one semester	Yes	*11	No
AP English Language & Composition	1 unit - two semesters	Yes	11	Yes
English 4 - Writing Skills (S1)	1/2 unit - one semester	Yes	12	No
English 4 - Social Justice Novels (S2)	1/2 unit - one semester	Yes	12	Yes
English 4 - Graphic Novels (S2)	1/2 unit - one semester	Yes	12	Yes
Dual Credit English 101/102	1 unit - two semesters	Yes	12	No
AP English Literature & Composition	1 unit - two semesters	Yes	12	Yes
ESL (English as a Second Language)	1 unit - two semesters	Yes	9, 10, 11, 12	No
ELL Resource	1 unit - two semesters	Yes	9, 10, 11, 12	No
Creative Writing (English credit)	1/2 unit - one semester	No	9, 10, 11, 12	No
Multi-Cultural Literature (English credit)	1/2 unit - one semester	Yes (Grade Level)	10, 11, 12	No
Introduction to Speech	1/2 unit - one semester	No	9, 10, 11, 12	No
Advanced Public Speaking	1/2 unit - one semester	Yes	10, 11, 12	Yes
Theatre Arts	1/2 unit - one semester	No	9, 10, 11, 12	No
Acting	1/2 unit - one semester	Yes (Grade Level)	10, 11, 12	No
Modern Media	1 unit - two semesters	Yes	10, 11, 12	Yes
Spanish 1	1 unit - two semesters	Yes	9, 10, 11, 12	No
Spanish 2	1 unit - two semesters	Yes	10, 11, 12	No
Spanish 3	1 unit - two semesters	Yes	11, 12	No
Spanish 4	1 unit - two semesters	Yes	12	No
Spanish Language, Literature & Culture	1 unit - two semesters	Yes	9, 10, 11, 12	No
Transitional English	1 unit– two semesters	Yes	12	No



STRATEGIC LITERACY 1, 2, 3

Prerequisite: Placement basis
Grade Levels: SL 1-9, SL 2-10, SL 3-11
Credit: 1 unit - two semesters

Students in Strategic Literacy will focus on strategies that will make them more effective readers and writers. Students will read comprehensively and apply situations in literature to real-life situations. Students in Strategic Literacy will expand upon basic grammatical structure as is necessary to write comprehensively. **Strategic Literacy courses do not count towards the 4 credit English requirement.**

1. Students will develop their abilities to read with increased understanding.
2. Students will read and understand literature representative of various societies, cultures, eras, and ideas..
3. Students will develop their writing to better communicate their ideas for a variety of purposes.
4. Students will work to improve comprehension using a variety of reading strategies.
5. Students will use language arts skills to communicate information.

ENGLISH 1

Prerequisite: None
Grade Levels: *9
Credit: 1 unit - two semesters
**Open to 10, 11, 12 grade levels when needing to make up previously failed English 1 classes*

Students in English 1 will study fiction, informational, and nonfiction texts throughout the year. Students will use various writing prompts and analytical questions to write for different purposes. The reading assignments are designed to help students increase their cultural awareness and understanding of the world. Writing activities will mainly focus on paragraph organization and making claims supported by evidence. Chromebooks and other technology will be used to assist students in learning and developing real world skills.

HONORS ENGLISH 1

Prerequisite: 8th grade teacher recommendation.
Grade Levels: 9
Credit: 1 unit - two semesters

Students in Honors English 1 will hone the craft of literary analysis through the rigorous investigation of fiction, essays, drama, and poetry. After reading various forms of published texts, students will explore online collaborative techniques to create and share multimodal projects, and publish their own creative and academic writing. Students will learn effective methods for analysis, critical thought, scholarly discussion, and creative investigation. A summer reading assignment is also required.

ENGLISH 2

Prerequisite: English 1
Grade Levels: *10
Credit: 1/2 unit - one semester

Students in English 2 will develop thematic analysis skills and make literary connections. Students will read and analyze thematic literature from a variety of genres. Students will write well-constructed paragraphs for a variety of purposes.

**Open to 11, 12 grade levels when needing to make up previously failed English 2 classes*

ENGLISH 2 - SCIENCE FICTION

Prerequisite: English 1
Grade Levels: *10
Credit: 1/2 unit - one semester

Students in Science Fiction Literature will read a variety of texts in science-fiction (fiction that typically deals with imaginative and futuristic concepts) and non-fiction genres, analyzing social, political, and environmental issues. Students will also learn how to construct a written argument using different writing strategies and techniques. Students will complete an argumentative essay.

**Open to 11, 12 grade levels when needing to make up previously failed English 2 classes*

ENGLISH 2 - MEMOIR

Prerequisite: English 1
Grade Levels: *10
Credit: 1/2 unit - one semester

Students in Memoir Literature will analyze a variety of texts and one memoir (non-fiction writing based on the author's personal memories), analyzing the personal issues involved in those texts. Students will also learn how to construct a written argument using different writing strategies and techniques. Students will complete an argumentative essay.

**Open to 11, 12 grade levels when needing to make up previously failed English 2 classes*



ENGLISH/LANGUAGE ARTS/DRAMA

HONORS ENGLISH 2

Prerequisite: Successful completion of Honors English 1 or English 1

Grade Levels: 10

Credit: 1 unit - two semesters

Honors English 2 is a class for the highly motivated student who will enjoy the intense examination of literature and composition. The course focuses heavily on the reading, discussion, and analysis of various forms of literature and the composition of analytical essays and written responses. Students will complete a research-based argumentative essay applying proper MLA formatting guidelines. Students are expected to and will complete vigorous reading and composition assignments during and outside of class and will also continue building their online writing portfolio. A summer reading assignment is also required to be completed within the first week of the fall semester.

ENGLISH 3

Prerequisite: English 1 and 2

Grade Levels: *11

Credit: 1/2 unit - one semester

*Open to 12th grade level when needing to make up previously failed English 3 classes

Students in English 3 will read and analyze American Literature and explore its connection to their lives and society as a whole. Students will read a variety of texts representative of past and present American societies, time periods and ideas, and will use this reading to develop an understanding of America's past, present, and future. As an extension of their reading, students will write for a variety of situations, including narrative, research, and literary analysis.

AP ENGLISH LANGUAGE & COMPOSITION

FEES: Registration cost for AP exam (approximately \$93)

Prerequisite: Successful completion of Honors English 2 or English 2

Grade Levels: 11

Credit: 1 unit - two semesters

This course follows the curricular requirements outlined in the AP Course Description. AP English Language and Composition cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. This course guides students in becoming curious, critical, and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. Students will read and analyze pieces of literature, analyzing the characters' rhetorical strategies. The reading and writing will deepen students' understanding of how written language functions rhetorically, to communicate writers' intentions and elicit readers' responses in particular situations. Students will analyze the rhetorical elements and their effects in non-fiction texts, including images as forms of text from many disciplines and historical periods. They will focus on interpretation and inferences and apply those skills to composition as well as class wide discussion and debate. Students will evaluate, synthesize, and cite research to support their arguments. The syllabus for this class is designed in accordance with the recommendations of College Board. This course will prepare students for their senior level English courses and to take the AP English Language and Composition Exam given in May.

ENGLISH 3 (Themes in American Literature: Justice)

Prerequisite: English 1 and 2

Grade Levels: 12

Credit: 1/2 unit - one semester

Students in Student Themes in American Literature: Justice will analyze a variety of literary style and nonfiction pieces that apply to the theme of justice in American Literature. Students will compare and contrast texts related to the theme and synthesize information into a researched argument essay.

ENGLISH 3 (Themes in American Literature: Home and Family)

Prerequisite: English 1 and 2

Grade Levels: 12

Credit: 1/2 unit - one semester

Students in Themes in American Literature: Home and Family will analyze a variety of literary styles and nonfiction pieces that apply the theme of home and family in American Literature. Students will compare and contrast texts related to the theme and synthesize information into a researched argument essay.



ENGLISH/LANGUAGE ARTS/DRAMA

ENGLISH 4 (Writing Skills) (Sem 1)

Prerequisite: Successful completion of English 3 or Honors English 3
Grade Levels: 12
Credit: 1/2 unit - one semester (1st sem)

Students in English 4 will focus on writing for different purposes and audiences. This will include college essays, research papers, and personal narratives. There will be a focus on writing analysis and applying MLA citations to help create and polish their writing.

ENGLISH 4 (Social Justice Novels) (Sem 2)

Prerequisite: Successful completion of 1st sem English 4-Writing Skills
Grade Levels: 12
Credit: 1/2 unit - one semester (2nd sem)

Students in Social Justice Novels will read fiction and non-fiction that relate to modern social issues. They will use non-fiction articles to help add depth to their analysis of the novels and tie these issues into real world events.

ENGLISH 4 (Graphic Novels) (Sem 2)

Prerequisite: Successful completion of 1st sem English 4-Writing Skills
Grade Levels: 12
Credit: 1/2 unit - one semester (2nd sem)

Students in Graphic Novels will read a variety of fiction and non-fiction in the graphic novel format. They'll be using non-fiction articles to help analyze and bring more depth to the analysis of the fiction that is used in class.

Transitional English

Prerequisite: Successful completion of English 3 or Honors English 3
Grade Levels: 12
Credit: 1 unit- full year

Transitional English is a course developed through a partnership between RTHS and Parkland College. This course builds on students' personal experiences and academic knowledge to develop skills in reading, critical thinking, and writing that will enhance their success in college-level courses across majors and career pathway while aligning with Illinois Learning Standards. Transitional English is taught by RTHS faculty who receive preparation and professional development from Parkland College and is open to qualifying students their senior year. Students are evaluated and assessed by both the district and Parkland College through shared student achievement data. Transitional English is a year-long course with the goal of providing students the requisite skills for "day one" success in college-level courses. Students are considered to be college ready based on two competencies: Metacognition and Essential Skills. Metacognitive development, as defined by the State of Illinois, is "to support students to consider how, why, and when to employ various reading and writing strategies and processes". Essential skills of the course are relating to overall college readiness, employability, and life success. Students are assessed through both formative and summative means to measure students' progress toward attainment of the competencies. Multiple opportunities for feedback, revision, and student reflection are offered on all major writing assignments to support students to demonstrate skills and growth over the length of the course.



DUAL CREDIT ENGLISH 101 AND 102 (honors level course)

Prerequisite:

For placement in ENG 101 a student must meet one of the following:

- ACT English test score of 20 or higher
- SAT Writing score of 470 or higher
- Placement essay reviewed by a composition faculty. Students whose English placement scores are between 50 and 89 have the option to write a placement essay.

For placement in ENG 102 a student must meet one of the following:

- Students who earn a score of 4 or 5 on either the AP English Language & Composition exam or the AP English Lit & Composition exam receive credit for ENG 101 and qualify for ENG 102
- Students who take the CLEP College Composition Modular exam, earn at least a 50, and write an essay evaluated as College Level 1 receive proficiency credit for ENG 101 and qualify for ENG 102.
- Completing ENG 101 with a C or higher

FEES: \$40 (1st sem.) & \$35 (2nd sem.) for required textbooks

Grade Levels: 12

Credit: RTHS: 1 unit - two semesters

Parkland:

ENG 101-Composition 1 (3 cr hrs)

ENG 102-Composition 2 (3 cr hrs)

English 101 and 102 focuses on the writing process, purpose and audience awareness, critical analysis, focus, organization, development, clarity, coherence, and engagement with outside texts. Throughout the course, students will engage with various forms of fiction and non-fiction literary works. Students will improve their writing skills and understanding of various forms of literature with an emphasis on analysis, argument, and research. The goal of this course is to help students develop skills in rigorous, academic writing in order to help transition from high school to college level writing. Course Objectives*:

1. Students will read complex, imaginative literature (fiction, drama, and poetry) appropriate for college level study.
2. Students will write interpretations of a piece of literature that is based on a careful observation of textual details, considering the work's structure, style, and themes; the social and historical values it reflects and embodies; and such elements as the use of figurative language, imagery, symbolism, and tone.
3. Students will compose several forms of essays (e.g., narrative, expository, analytical, and argumentative) based on students' evidence-based analyses of literary texts.
4. Students will write through several stages or drafts, with revision aided by teacher and peers.
5. Students will write informally (e.g., response journals, textual annotations, collaborative writing), which helps students better understand the texts they are reading.

*Course objectives are College Board certified and are in line with Parkland College objectives for English 101 and 102

[IMPORTANT] From Parkland College: "The college or university you plan to attend after high school may or may not accept the Dual Credit/Enrollment course credits you have earned. To make sure they are accepted, check with your high school counselor or contact your chosen college for specific information. This is **important** to do if the college or university you plan to attend is **outside** the state of Illinois."

AP ENGLISH LITERATURE & COMPOSITION

FEES: Registration cost for AP exam (approximately \$93)

Prerequisite: Successful completion of English 3 with teacher recommendation or Honors English 3.

Grade Levels: 12

Credit: 1 unit - two semesters

This course follows the curricular requirements outlined in the AP Course Description. The purpose of AP English Literature and Composition is to engage students in the careful reading and critical analysis of imaginative literature. Through close reading of the assigned texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. This is a rigorous course designed to provide students with the intellectual challenges and workload consistent with a typical undergraduate university English literature course. The works of literature chosen and syllabus are designed in accordance with the recommendations of College Board. This course will prepare students to enter college and take the AP English Literature and Composition Exam given in May.

Course Objectives:

1. Students will complete an independent reading assignment before the beginning of the fall semester.
2. Students will read & analyze a wide variety of significant works of literature (i.e. novels, drama, short stories, essays, poetry, etc.)
3. Students will learn significant literary terminology, theories, genres, and styles while considering novels, drama, short stories, essays, poetry, etc. and apply them in formal and informal writing and class discussions.
4. Students will make warranted and reasonable assertions about an author's arguments and apply them in formal and informal writing and class discussions.
5. Students will learn and apply sophisticated vocabulary words in various forms of informal and formal writing.
6. Students will develop formal writing skills and compose a variety of timed essays, research papers, critiques, abstracts, etc.
7. Students will complete various timed analytical literary essays and multiple-choice questions similar to those on the AP English Literature and Composition exam.



ENGLISH/LANGUAGE ARTS/DRAMA

CREATIVE WRITING

Prerequisite: None

Credit: 1/2 unit - one semester.

**May be counted as 1/2 English credit*

Students in Creative Writing will analyze a variety of fiction for plot, character development, dialogue, and character action. Students will write pieces of nonfiction, fiction, and/or drama. Students will use collaboration to create sustained artistic works.

A strong interest in writing is recommended.

MULTI-CULTURAL LITERATURE

Prerequisite: 10, 11, 12

Credit: 1/2 unit - one semester

**May be counted as 1/2 English credit*

Purpose Statement: Multicultural Literature is a class in which students will study the works of authors who are members of ethnic, racial, or gender-based minority groups. Multicultural literature is designed to increase students' awareness of cultural diversity and sensitivity for that diversity so that they are better prepared to become tolerant and active participants in a diverse society. The course provides students with a framework that enables them to study materials that pique their interests, that are appropriate to their abilities, and that motivate them to participate actively in the process of reading and understanding literature.

1. Students will deconstruct stories and poems for purposes of structure, imagery, and dialogue.
2. Students will listen and speak effectively in class discussion and in artistic collaboration with each other.
3. Students will use modern technology to correctly format personal works and to collaborate on projects.

ESL (English as a Second Language)

Prerequisite: WIDA ACCESS test scores

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

English as a Second Language (ESL) is a class that focuses on developing functional academic English skills. In this class, students will work on all aspects of English: listening, speaking, pronunciation, reading, writing, and vocabulary building. The ESL classes provide emphasis on developing both formal and informal English-language skills to prepare learner for future success. Students qualify for enrollment in ESL based on their WIDA ACCESS test scores (test is administered annually). Students are then placed into the appropriate level of ESL (ESL 1, ESL 2, ESL 3).

ELL (English Language Learner) RESOURCE

Prerequisite: WIDA ACCESS test scores

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

English Language Learner (ELL) Resource is a class that is designed to support students who are identified as English Language Learners. ELL Resource provides students with additional time and support to complete work from their other classes. Teacher(s) and aide(s) in ELL Resource are Spanish-English bilingual and provide translation services and content-area tutoring in Spanish on an as-needed basis. Students qualify for ELL Resource based on their WIDA ACCESS test scores (test is administered annually).



*****The following classes do not count towards English credit*****

INTRODUCTION TO SPEECH COMMUNICATION (Speech)

Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit - one semester

Speech is a required course for graduation.

In Introduction to Speech Communication, students will be required to give several formal speeches. These speeches are designed to give students experience in a range of speaking situations and help them learn how to be competent, well-rounded communicators. Students will receive direct instruction on how to write outlines, present speeches, use visual aids, and make audience-centered presentations. They will also be taught skills on how to become an effective listener by providing verbal and non-verbal feedback and contribute to collaborative discussions.

ADVANCED PUBLIC SPEAKING (Speech 2)

Prerequisite: Introduction to Speech and recommendation from previous Speech teacher
Grade Levels: 10, 11, 12
Credit: 1/2 unit - one semester

Students will study and explore a variety of communication theories and principles and apply them to communicative situations. Students will examine works of literature, film, and real-world interactions and use learned concepts to hypothesize, observe, analyze, and devise conclusions. Finally, students will use both oral and written communication as evidence of their understanding of course elements.

THEATRE ARTS

Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit - one semester

Earned credit in Theatre Arts meets 1/2 credit of the Fine Arts requirement.

Purpose Statement: Theatre Arts is a class in which students will learn about theatre through the ages, perform theatrical styles from various cultures, and design a theoretical theatrical production. While not a major focus, students in Theatre Arts will be given enough of a basic introduction to acting to write and perform original pieces and to realize the realities of the stage which a designer must keep in mind. Students will learn about cultural differences shown through the theatrical styles of various times and countries.

1. Students will know the language of drama.
2. Students will understand how works of drama are produced in past civilizations.
3. Students will understand the role of drama in past civilizations.

ACTING 1

Prerequisite: 10, 11, 12
Credit: 1/2 unit - one semester

Earned credit in Acting meets 1/2 credit of the Fine Arts requirement.

Purpose Statement: Acting I is a class where students will develop their performance and acting skills. Students will be introduced to the Stanislavski method as well as improvisation. Students will use character and scene analysis to break down short scenes and create more detailed characters. Students in Acting I will perform monologues and short scenes, showcasing their knowledge of acting techniques.

1. Students will know the language and techniques of acting.
2. Students will perform and understand how works of drama are produced.
3. Students will understand differences in drama between past and current civilizations.

MODERN MEDIA

Prerequisite: Successful completion of application/contract
Grade Levels: 10, 11, 12
Credit: 1 unit—two semesters

Purpose Statement: In Modern Media, students will write, photograph, and design for the publication of the school's yearbook and student newspaper. Modern technology will be used to create this print media. Students will gain real-world experience in the publication process.

1. Students will read with understanding and fluency to critique their own and other students' writing.
2. Students will write to communicate for a variety of purposes and audiences.
3. Students will listen and speak effectively in a variety of situations to communicate ideas and work as a team.
4. Students will use the language arts to acquire, assess, and communicate information to mass audiences.



FOREIGN LANGUAGE

As world boundaries continue to shrink with increased communication the study of foreign languages becomes increasingly important. More and more Americans are coming into contact with non-English speaking peoples. A foreign language is especially valuable for those who need a solid basic foundation for further language study and for those who desire a better than average understanding of their own English language. Foreign languages offer preparation for many careers. It is urged that students who show an aptitude for foreign languages pursue one language for four years to ensure competency.

Earned credit in Spanish meets the fine arts requirement for graduation.

SPANISH 1

Prerequisite: Average to above average English skills. Not designed for native speakers with limited English proficiency.

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

Spanish 1 will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to the students' everyday life, cultural information and basic grammar structures in present tense indicative. Students of Spanish 1 will work on the four domains of language: speaking, listening, reading, and writing. This course will include the use of technology to assist students in developing their language skills.

SPANISH 2

Prerequisite: Spanish 1 successfully completed

Grade Levels: 10, 11, 12

Credit: 1 unit - two semesters

Spanish 2 builds upon knowledge gained in Spanish 1. This course will reinforce the four domains of language: speaking, listening, reading, and writing. This course will continue focusing on perfecting pronunciation, mastery of the basic grammatical structures, and increasing communicative proficiency. This course will include the use of technology to assist students in developing their language skills. Students of Spanish 2 will also be introduced to CI literature in the target language.

SPANISH 3

Prerequisite: Spanish 2 completed with a grade of "C-" or better

Grade Levels: 11, 12

Credit: 1 unit - two semesters

This course builds on knowledge gained in Spanish 1 & 2. The course is a continuation and recycling of knowledge acquired in Spanish 1 and Spanish 2, as well as an introduction to new vocabulary, structures and expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts such as the pluperfect and the subjunctive mood. Students will view Spanish language films and read selected Spanish literature.

SPANISH 4

Prerequisite: Spanish 3 completed with a grade of "C-" or better

Grade Levels: 12

Credit: 1 unit - two semesters

Students are able to engage in conversation and comprehend another person's dialogue without much repetition. Topics go well beyond basic needs and include: personal and family affairs, current events, school, work, etc. Students can comprehend descriptions and narration referring to past, present, or future events. They can comprehend dialogue about special fields of interest and narratives of a non-technical or specialized nature. When listening to material restricted mainly to vocabulary and structures studied in class, There is an increased comprehension of in-depth material about special interest topics used in class. Students work toward building a larger reading, speaking and listening vocabulary through use of materials representative of the Spanish speaking culture.

SPANISH LANGUAGE, LITERATURE, AND CULTURE

Prerequisite: Instructor approval upon completion of placement test or by recommendation.

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

Spanish Language, Literature, and Culture is a course designed for students who can narrate and describe in all major time frames. It builds on knowledge taught in Spanish 1-4. This course will reinforce the four domains of language and will continue focusing on mastery of grammatical structures, literature, history, and culture. It will include the use of technology to assist students in developing their language skills. Students will also be introduced to age-appropriate, Spanish novels and films in the target language.



MATHEMATICS

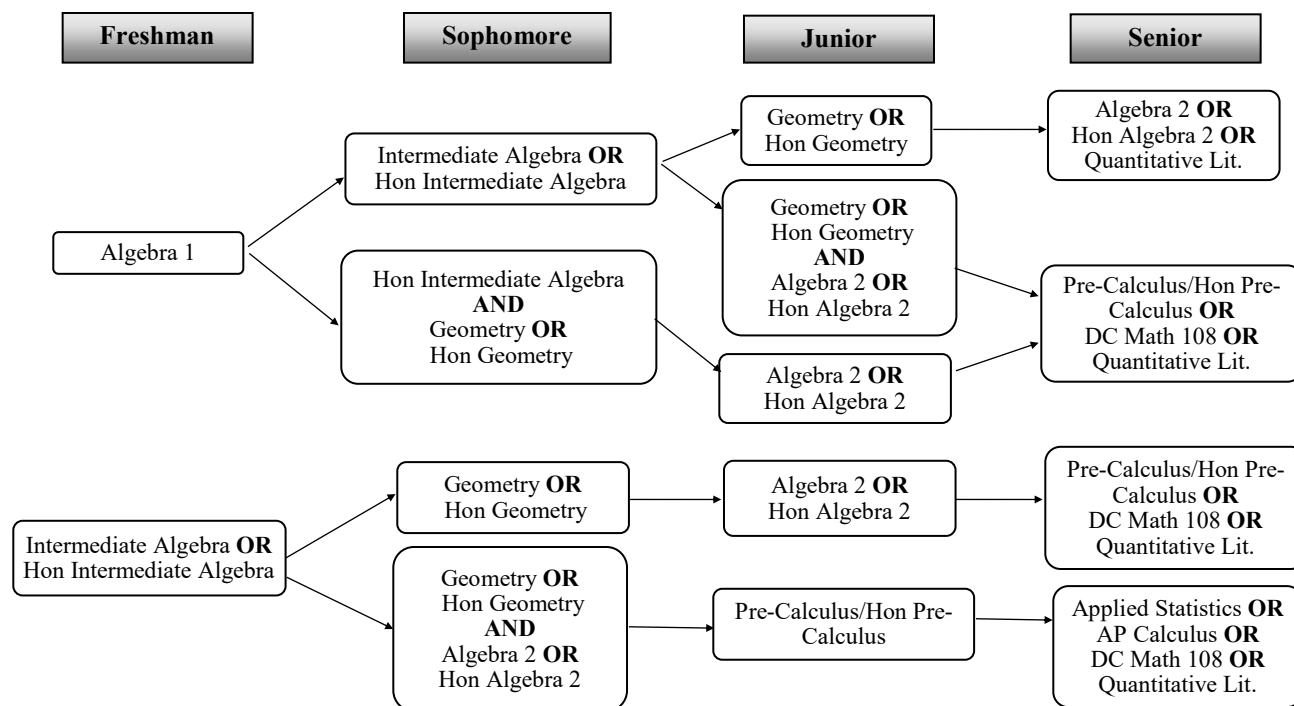
RTHS requires a minimum 3 earned credits in Math (including Algebra 1 & Geometry content).

The mathematics department strongly recommends 4 years of math for any student planning to attend college. It is suggested to take Algebra 2 by Junior year to help prepare for the SAT. Because mathematics can be very vigorous and demanding, we offer math support during study hall for any student who needs extra help.

***Grade level designations apply except when a student needs to make up previously failed required classes.**

AVAILABLE 2023-2024 COURSES		
RRegistration fee for AP Exams approximately \$93.00		
*\$10.00 calculator rental		
Each course is worth 1 unit of credit (2 semesters)		
<u>COURSE</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>
Algebra 1	No	*9
Intermediate Algebra	Yes	*9, 10
Honors Intermediate Algebra	Yes	9, 10
Geometry	Yes	*10, 11
Honors Geometry	Yes	10, 11
Algebra 2	Yes	10, 11, 12
Honors Algebra 2	Yes	10, 11, 12
Pre-Calculus/Honors Pre-Calculus	Yes	11, 12
*AP Calculus	Yes	11,12
*DC Math 108	Yes	11, 12
Quantitative Literacy	Yes	12

MATHEMATICS FLOW CHART



MATHEMATICS

ALGEBRA 1

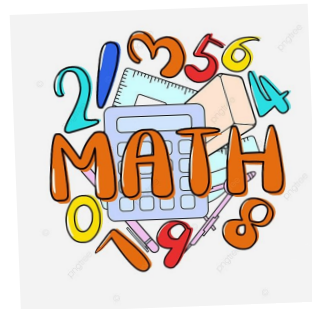
Prerequisite: None

Grade Levels: *9

Credit: 1 unit - two semesters

**Open to 10, 11, 12 grade levels when needing to make up previously failed Algebra 1 class*

Purpose Statement: In Algebra 1, students will be learning concepts including basic of algebra, one step equations and inequalities, multi-step equations, functions, logic, and linear functions.



INTERMEDIATE ALGEBRA

Prerequisite: Placement

Grade Levels: *9, 10

Credit: 1 unit - two semesters

**Open to 11, 12 grade levels when needing to make up previously failed Intermediate Algebra class*

Purpose Statement: In Intermediate Algebra, students will be learning basics concepts involving Sequences, Exponential Functions, Systems of Equations, Polynomial Expressions, Factoring, Quadratic Functions and Equations, Probability and Data Analysis.

Prerequisite: Placement

Grade Levels: 9, 10

Credit: 1 unit - two semesters

HONORS INTERMEDIATE ALGEBRA

GEOMETRY

Prerequisite: Credit in Intermediate Algebra (or Honors Intermediate Algebra)

Grade Levels: *10, 11

Credit: 1 unit - two semesters

**Open to 12 grade level when needing to make up previously failed Geometry class*

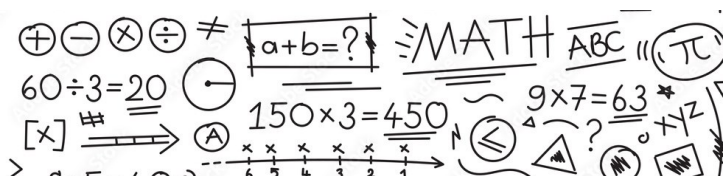
Purpose Statement: In Geometry, students will be learning concepts involving the basics of geometry, parallel and perpendicular lines, congruence, similarity, polygons and quadrilaterals, transformations, right triangles, area, surface area and volume, and circles.

HONORS GEOMETRY

Prerequisite: "C" or better in Honors Intermediate Algebra or recommendation from previous math teacher

Grade Levels: 10, 11

Credit: 1 unit - two semesters



ALGEBRA 2

Prerequisite: Credit in both Algebra 1 or Honors Algebra 1 and Geometry or Honors Geometry

Grade Levels: 10, 11, 12

Credit: 1 unit - two semesters

Purpose Statement: In Algebra 2, students will be learning concepts Involving Function Fluency, Polynomials, Quadratics, Radicals, Exponentials and Logarithms, Rationals, and Modeling data and piecewise functions.

Prerequisite: C" or better in Honors Geometry or recommendation from previous math teacher

Grade Levels: 10, 11, 12

Credit: 1 unit - two semesters

PRE-CALCULUS/HONORS PRE-CALCULUS

Prerequisite: Credit in Algebra 2

Grade Levels: 11, 12

Credit: 1 unit—two semesters

This class is not split into Honors and Regular. All students will be enrolled in the same Pre-Calc class. Students will still be able to earn an honors credit, but they will be asked to complete certain steps in order to get that honors distinction. Specifically, they will need to earn 4's on certain learning targets in order to get the honors distinction.

The students in this class will also be able to move at their own pace. Let's say that Student A can show understanding in all of the learning targets from unit 1, but Student B still need to work on 2 learning targets. Student A can move on to unit 2, while Student B can continue to work on those things they need to work on. The goal is to give every student the time they need to be successful.

This course will cover concepts involving Trigonometry, Analytical Trigonometry, Vectors, Systems of equations, Matrices, and Conic sections.

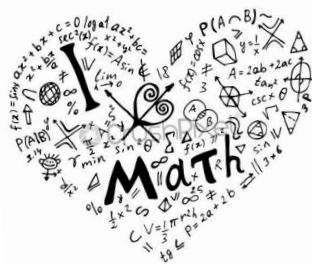
DC MATH 108

Prerequisite: Students must be able to place into the Dual Credit program through Parkland

Grade Levels: 12

Credit:

Purpose Statement: In Dual Credit Math 108 students will be learning Basic statistical principles, graphic presentation, descriptive measures of central tendency, dispersion and location, inferential statistics an hypothesis testing, analysis and inference of linear correlation coefficient, and slope of regression line.



AP CALCULUS

Fees: Registration cost for AP exam (approximately \$93) Fee waivers available for eligible students

Prerequisite: Must have completed Pre-Calculus. (If taken as junior, must have completed Pre-Calculus & Trigonometry.) Calculus students will also be expected to complete a problem set over the summer due on the first day of class.

Grade Levels: 11, 12

Credit: 1 unit - two semesters.

Purpose Statement: In Calculus students will apply all of their algebraic skills. They will analyze the behavior of various functions and generalize the behavior of all functions from an early transcendental perspective. The unifying theme in the course is that the students will receive an authentic college experience of Calculus I.

1. Students will analyze the properties of limits. They will use these properties to find many limits and define the derivative.
2. Students will develop the ability to take derivatives of some functions. They will use their knowledge of algebra to begin building a new system of theorems and rules in which to do calculus.
3. Students will further develop their understanding of derivatives. They will begin to investigate some applications of the derivative.
4. Students will analyze functions using derivatives. They will investigate how to sketch functions without calculator assistance.
5. Students will develop their knowledge of integration. They will compare different integration techniques.
6. Students will investigate more integration techniques. They will broaden their knowledge of integration and will be able to handle most integrals.
7. Students will find volume of obscure objects by applying integration techniques learned previously.

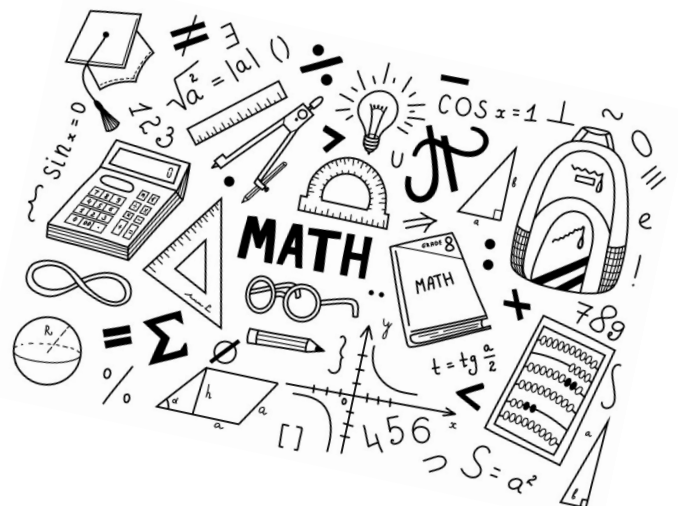
QUANTITATIVE LITERACY

Prerequisite: Must have completed all math graduation requirements prior to enrollment.

Grade Levels: 12

Credit: 1/2 unit—one semester

This course is a 4th year math option. It covers the math involved in personal finance, statistics, and predictions in everyday life, analyzing the world and making decisions and will involve starting a business. Earning a C or better will allow students to bypass college placement exams at certain colleges. This course will give students a great head start as they prepare for the transition to college mathematics.



SCIENCE

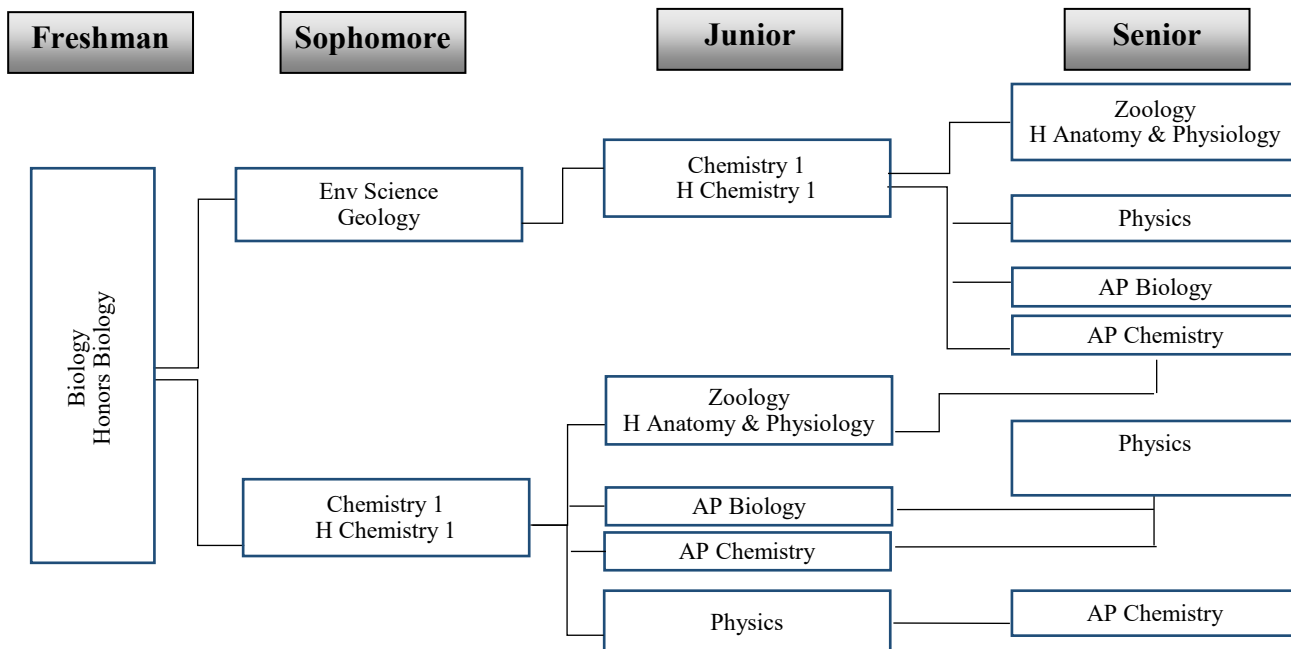
The science department strongly recommends a minimum of four science courses for those planning to attend college. It is recommended that of those four, three be biology, chemistry, and physics. Many students take two science courses in one year.

RTHS requires a minimum of 2 earned credits in Science.

***Grade level designations apply except when a student needs to make up previously failed required classes.**

AVAILABLE 2023-2024 COURSES			
Some courses require the purchase of a Scientific Calculator			
<u>COURSE</u>	<u>CREDIT</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>
Biology	1 unit - two semesters	No	*9
Honors Biology	1 unit - two semesters	Yes	9
AP Biology	1 unit - two semesters	Yes	11, 12
Environmental Science	1/2 unit - one semester	Yes	10, 11, 12
Geology	1/2 unit - one semester	Yes	10, 11, 12
Chemistry 1 (Scientific Calculator needed)	1 unit - two semesters	Yes	10, 11, 12
Honors Chemistry 1 (Scientific Calculator needed)	1 unit - two semesters	Yes	10, 11, 12
AP Chemistry	1 unit - two semesters	Yes	11, 12
Hon Anatomy & Physiology	1/2 unit - one semester	Yes	11, 12
Zoology	1/2 unit - one semester	Yes	11, 12
Physics	1 unit - two semesters	Yes	11, 12

SCIENCE FLOW CHART



BIOLOGY 1**Prerequisite:** None**Grade Levels:** *9**Credit:** 1 unit - two semesters**Open to 10, 11, 12 grade levels*

In Biology, students will be introduced to the science of life. This course studies a range of topics, from the large scale such as ecosystems to the small scale such as DNA inside of a cell. The course acts as an overview to introduce the main ideas in biology. In this class, students will:

1. Study ecology, including the interactions between organisms and the functionality of ecosystems.
Explore the macromolecules of life and the roles that water plays in living things.
3. Recognize cellular processes needed for an organism to survive.
4. Explore the various types of cell division and understand the significance of these processes.
5. Describe the structural similarities and differences between DNA and RNA as well as the processes of DNA replication, transcription, and protein synthesis.
6. Study heredity and genetics by examining Punnett squares, pedigrees, and gene abnormalities responsible for genetic disorders.
7. Evaluate evidence for evolution and gain an understanding of the mechanisms behind it, including genetic mutations and natural selection.

HONORS BIOLOGY 1**Prerequisite:** 8th Grade Teacher recommendation**Grade Levels:** 9**Credit:** 1 unit - two semesters

Purpose Statement: Students will take an in depth exploration into the fundamental facts and concepts of the study of biology through exploring fields of the science, discovering various living organisms, and conducting inquiry on life processes in order to gain a better understanding of the world around them. This class will also prepare students who choose to take AP Biology during their Junior or Senior year of school. This curriculum follows the same standards as regular biology, but goes further in depth.

1. Study ecology, including the interactions between organisms and the functionality of ecosystems.
2. Explore the macromolecules of life and the roles that water plays in living things.
3. Recognize cellular processes needed for an organism to survive.
4. Explore the various types of cell division and understand the significance of these processes.
5. Describe the structural similarities and differences between DNA and RNA as well as the processes of DNA replication, transcription, and protein synthesis.
6. Study heredity and genetics by examining Punnett squares, pedigrees, and gene abnormalities responsible for genetic disorders.
7. Evaluate evidence for evolution and gain an understanding of the mechanisms behind it, including genetic mutations and natural selection.

AP BIOLOGY (Honors Credit)**Prerequisites:** Credit in Biology or Honors Biology and Chemistry 1 or Honors Chemistry 1**Grade Levels:** 11, 12**Credit:** 1 unit - two semesters.

Adhering to the curricula recommended by the College Board and designed to parallel college-level introductory biology courses, AP Biology stresses basic facts and their synthesis into major biological concepts and themes. This course covers three general areas: molecules and cells (including biological chemistry and energy transformation), genetics and evolution, and organisms and populations (for example, taxonomy, plants, animals, and ecology). AP Biology includes college-level laboratory experiments.



ENVIRONMENTAL SCIENCE

Prerequisite: Concurrent enrollment in or completion of Biology

Grade Levels: 10, 11, 12

Credit: ½ unit - one semester

Students are introduced to Environmental Science. The class emphasizes human population growth and its impact on available resources, as well as the causes and effects of climate change. The goal is to provide students with the scientific background to analyze for themselves the environmental issues we are facing now and could be facing in the future.

1. Students are introduced to renewable and nonrenewable resources we rely on, and the importance of using the resources wisely.
2. Students are introduced to what causes population growth, and the outcome population growth has on future resources.
3. Students will explore climate change including its causes and effects, and what humans can do to help reduce climate change.

GEOLOGY

Prerequisite: Concurrent enrollment in or completion of Biology

Grade Levels: 10, 11, 12

Credit: ½ unit - one semester

In Geology, students will learn about the physical earth in some detail. This course studies planet Earth, its structure, materials, processes, and surface features. It is a broad study introducing the earth sciences and gives the students a greater appreciation of their physical surrounding. Geology is a lab-based course. In this class student will:

1. Study the structure of the earth and various properties of each layer.
2. Evaluate evidence to support continental drift and seafloor spreading.
3. Interpret the rock cycle, sequence rock layers, and demonstrate an understanding of aquifers.
4. Describe the causes of natural disasters and measure the location and strength of earthquakes.

CHEMISTRY 1

FEES: Purchase of Scientific Calculator

Prerequisite: C or better in Algebra 1 or Honors Algebra 1, & 1 year of Biology

Grade Levels: 10, 11, 12

Credit: 1 unit - two semesters

Purpose Statement: Students will gain a greater understanding of the fundamental composition of matter and the interactions that occur between various substances.

1. Students will gain an understanding of the fundamental concepts and skills necessary for understanding the study of chemistry such as lab safety, unit measurements, and the evaluation of lab results.
2. Students will learn about the differences between physical and chemical changes, along with various states of matter, and learn how to provide evidence and reasoning to support claims.
3. Students will gain an understanding of the development of the atomic model and the particles that comprise the atom.
4. Students will gain an understanding of the behavior of electrons and how this pertains to modern atomic theory and their relationship with other subatomic particles of the atom.
5. Students will learn how to utilize the periodic table and understand its organization.
6. Students will gain an understanding of the nature of chemical bonds, how they are involved with chemical reactions, and their effect on the macroscopic properties of a material as well as the naming conventions applied to materials based on the bonds holding them together.
7. Students will gain an understanding of the relationships between elements in a compound and between compounds and elements in reactions.
8. Students will complete mathematical problems related to elements and their mass, volume, and number of particles.
9. Students will gain an understanding of the unique properties of gas and the effects that varying characteristics, such as volume and temperature, have on other characteristics.
10. Students will gain an understanding of the composition of solutions and the interactions that dissolved particles have within solutions.
11. Students will gain an understanding of the characteristics of acidic and basic

solutions along with ways of distinguishing between the two and the pH scale.



HONORS CHEMISTRY I

FEES: *Purchase of Scientific Calculator*

Prerequisites: *Credit in Honors Algebra 1 or Algebra 1 and 1 year of Biology.*

Grade Levels: 10, 11, 12

Credit: 1 unit - two semesters.

Purpose Statement: Students will gain a greater understanding of the fundamental composition of matter and the interactions that occur between various substances.

1—11. Same structure as Chemistry 1.

This course covers the topics normally taught in a first-year high school chemistry course but in more depth and in more mathematical terms than the Chemistry 1 course. Labs will require more application of knowledge, and tests and quizzes will be significantly more difficult.

AP CHEMISTRY (Honors Credit)

Fees: *Registration cost for AP exam*

(approximately \$93) Fee waivers available for eligible students

Prerequisite: *A or B in Honors Chemistry 1, A in Chemistry 1, credit or concurrent enrollment in Honors Algebra 2 or Algebra 2, or teacher recommendation*

Grade Levels: 11, 12

Credit: 1 unit - two semesters

Purpose Statement: Students will attain a depth of understanding of the fundamental concepts of general chemistry, competence in solving chemistry problems, the ability to think clearly and express their ideas orally and in writing, and experience in making observations of chemical substances and reactions, recording data, and calculating and interpreting the results of experimental data.

1. Students will gain a deeper understanding of the fundamental concepts and skills necessary for understanding the study of chemistry.
2. Students will gain a deeper understanding of the mass relationships between elements in a compound and between compounds and elements in reactions.
3. Students will gain a deeper understanding of the composition of solutions, the interactions that dissolved particles have within solutions, and the effect that these dissolved particles have on the properties of the mixture.
4. Students will gain a greater understanding of the unique properties of gas and the effects that varying characteristics, such as volume and temperature, have on other characteristics.
5. Students will gain a greater understanding of the behavior of electrons and how this pertains to modern atomic theory as well as a deeper understanding of the relationship between electrons' placement within the atom and the properties exhibited by the elements.
6. Students will gain an understanding of the nature of chemical bonds and their effect on the macroscopic properties of a material as well as the naming conventions applied to materials based on the bonds holding them together.
7. Students will gain an understanding of the energy changes involved in chemical reactions as well as the factors that influence the spontaneity of those reactions.
8. Students will gain an understanding of physical and chemical equilibria during changes of state, in the gaseous state, and in solutions.
9. Students will gain an understanding of the factors that affect the speed at which a reaction occurs.
10. Students will gain an understanding of the electron transfer processes occurring in oxidation-reduction reactions and their relationship with electrochemistry.
11. Students will gain an understanding of the equilibria that occur in acidic and basic solutions as well as the effects on those equilibria caused by acid-base interactions.
12. Students will gain an understanding of nuclear reactions as well as the naming of simple organic molecules and those that include functional groups.

HONORS ANATOMY & PHYSIOLOGY

Prerequisite: *Chemistry 1*

Grade Levels: 11, 12

Credit: ½ unit - one semester

Anatomy & Physiology deals with the structure and function of various parts of the human body. Students taking this course will develop the ability to use anatomical language while studying the skeletal, muscular, and nervous systems. Anatomy is a lab intensive course. Students will have the opportunity to work with skeletal models, as well as dissect a cat. This is a college-preparatory course that will develop study methods which will be beneficial in college. It will also give students a better understanding of their own bodies and how they work



SCIENCE

ZOOLOGY

Prerequisite: Chemistry
Grade Levels: 11, 12
Credit: ½ unit - one semester

Zoology focuses on animal biology. In the first 3 weeks, students will study the major divisions of the animal kingdom and the classification of organisms. The remaining weeks will be spent on in depth study of four animal groups. The first group is insects. Students will study anatomy and physiology, classification, and identification of the 30 orders of insects. This will include an insect collection project to be completed by the end of the unit. The next group is fish. Students will focus on the anatomy and physiology of fish as well as their classification. Students will dissect a lamprey, a perch, and participate in a field trip to Shedd Aquarium for a fish pathology lab. The last two groups are reptiles and birds. Students will focus on the anatomy and physiology of both. This unit will include a pigeon dissection. This is a lab intensive class. This class will help prepare students for dissection in college courses and will prepare students for entering

PHYSICS/HONORS PHYSICS

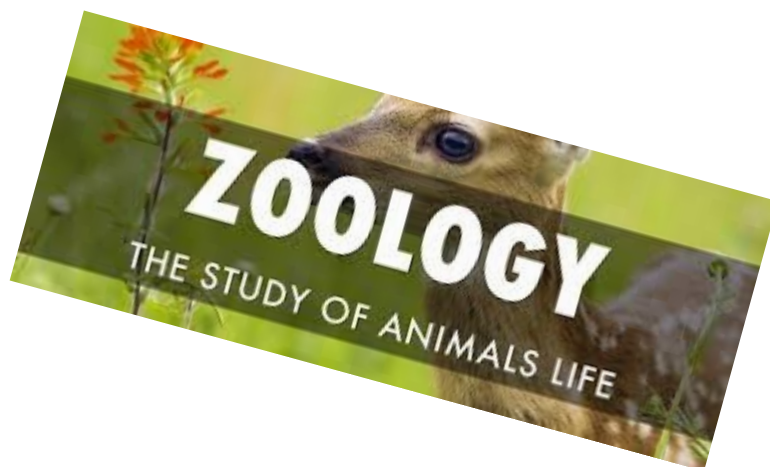
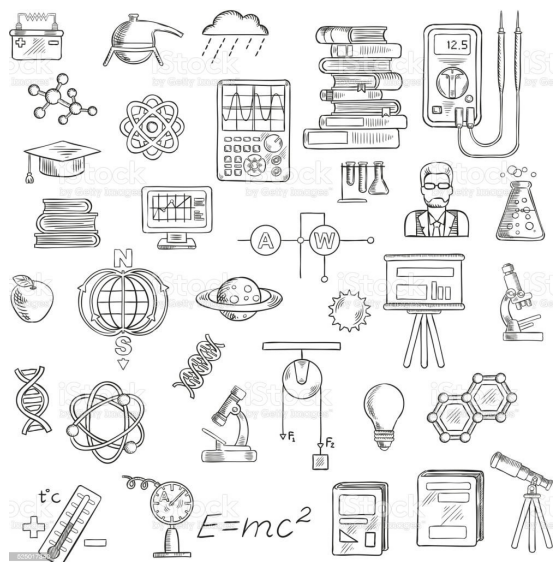
Prerequisite: Chemistry completed or enrolled in Algebra 2. Recommended to be concurrently enrolled in Pre-Calculus.

Grade Levels: 11, 12
Credit: 1 unit - two semesters

TI-84 Calculator recommended but not required.

This class is to be split into Honors and Regular. All students will be enrolled in the same Physics class. Students will still be able to earn an honors credit, but they will be asked to complete certain steps in order to get that honors distinction. The students in class will be working on the same concepts and materials, but honors credit is based on a mixture of additional learning targets, additional concept building projects, and earning 4's on designated learning targets that are highlighted in the syllabus.

This course will cover concepts involving Kinematics, Laws of Conservation, Waves, Electrostatics, and Electric Circuits.



SOCIAL STUDIES

The following chart lists the courses the Social Studies Department offers to students in each of the four years of the high school career. The United States History and American Government courses have an honors level option available. Although the graduation requirement is two units, the entering student should be aware that most graduating seniors have acquired three or more units of social studies. Students planning college majors in the social science area are advised to take as many social studies credits as can be reasonably planned.

RTHS requires two earned social studies credits for graduation. The two units must include one and one half units of United States History and one-half unit of American Government.

***Grade level designations apply except when a student needs to make up previously failed required classes.**

<u>AVAILABLE 2023-2024 COURSES</u>			
*Registration fee for AP Exams approximately \$93.00			
<u>COURSE</u>	<u>CREDIT</u>	<u>PREREQUISITE</u>	<u>GRADE LEVELS</u>
World Geography 1	1/2 unit - one semester	No	9, 10, 11, 12
World Geography 2	1/2 unit - one semester	No	9, 10, 11, 12
World History	1 unit - two semesters	No	9, 10, 11, 12
American Government/ Civics	1/2 unit - one semester	Yes (Grade Level)	*9, 10
*AP American Government/ Civics	1/2 unit - one semester	No	10
U.S. History 1	1/2 unit - one semester	Yes (Grade Level)	*10
Honors U.S. History 1	1/2 unit - one semester	Yes (Grade Level)	10
U.S. History 2	1 unit - two semesters	Yes (Grade Level)	*11
*AP U.S. History 2	1 unit - two semesters	Yes (Grade Level)	11
Minority U.S. History	1/2 unit - one semester	No	9, 10, 11, 12
Sociology	1/2 unit - one semester	Yes (Grade Level)	11, 12
Psychology	1/2 unit - one semester	Yes (Grade Level)	11, 12
Contemporary Issues	1/2 unit - one semester	Yes (Grade Level)	12



SOCIAL STUDIES

WORLD GEOGRAPHY 1

Prerequisite: none

Grade Levels: 9, 10, 11, 12

Credit: 1/2 unit – one semester

Purpose Statement: Students will examine the fundamental building blocks of geography, as well as explore the physical and cultural geographic aspects of the U.S. and Canada, Latin America, and Europe.

1. Students will analyze the concepts of physical geography.
2. Students will examine the facets of human geography.
3. Students will apply the concepts of physical geography to the U.S. and Canada, Latin American, and Europe.
4. Students will apply the concepts of human geography to the U.S. and Canada, Latin America, and Europe.
5. Students will understand basic map and reading skills as they relate to geography.

WORLD GEOGRAPHY 2

Prerequisite: None. World Geography 1 is

suggested, but not required

Grade Levels: 9, 10, 11, 12

Credit: 1/2 unit – one semester

Purpose Statement: Students will review the fundamental building blocks of geography as well as analyze the physical and cultural geographic aspects of Asia, the Middle East, Africa, and Australia and Oceania.

1. Students will review the concepts of physical and human geography.
2. Students will apply the concepts of physical geography to Asia, the Middle East, Africa, and Australia and Oceania.
3. Students will apply the concepts of human geography to Asia, the Middle East, Africa, and Australia and Oceania.
4. Students will understand key map and reading skills that apply to World Geography.

WORLD HISTORY

Prerequisite: None

Grade Levels: 9, 10, 11, 12

Credit: 1 unit – two semesters

Purpose Statement: When taking World History, students learn, study, and research the similarities and differences between the past and present. By taking this course students will understand how the history of the world has developed and changed over time.

1. Students will study the early river valley civilizations of the world.
2. Students will study the impact of Greek and Roman culture on world society.
3. Students will study the effects of the Middle Ages in Europe, the Middle East, Asia, and Africa.
4. Students will learn about the Renaissance, Reformation, and Age of Discovery.
5. Students will study the French Revolution and the Napoleonic Era and analyze how these events changed history.
6. Students will study the origins of communism and its impact on the country of Russia.
7. Students will study Chinese history from ancient times to the present.
8. Students will study the Middle East from the Ottoman Empire to the modern age.

AMERICAN GOVERNMENT and CIVICS

Prerequisite: None

Grade Levels: *9, 10

Credit: 1/2 unit – one semester

**Open to 11, 12 grade levels when still needing American Government and Civics credit*

Purpose Statement: Students will examine the basics of federal, state and local government. Students will also become aware of their responsibilities as citizens of the United States and the guardians of the ideals of the Constitution.

1. Students will identify the roles and structures of the three branches of U.S. government.
2. Students will understand the process of campaigns, elections and political parties in the U.S.
3. Students will distinguish between local, state, and federal government structures
4. Students will demonstrate recognize their constitutional rights.
5. Students will know the motivations behind the flag code.
6. Students will enhance their comprehension of readings regarding governmental processes.

American Government and Civics is a required course for graduation.



AP AMERICAN GOVERNMENT and CIVICS (Honors Credit)

Fees: Registration cost for AP exam (approximately \$93) Fee waivers available for eligible students
Prerequisites:
Grade Levels: 10
Credit: ½ unit – one semester.

Purpose Statement: This course is designed to give students an in depth knowledge of and an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. In addition, the course is designed to prepare students for the Advanced Placement United States Government test given each year in May. Students who score well on this test may receive up to six hours of college credit. Students will be required to complete various readings and write numerous essays in order to prepare for the AP test. A majority of the work for this class will be completed outside of school, and much of the reading will be college level. Students who choose to take the AP exam in May, may do so in lieu of a final exam.

1. Students will analyze the interactions of the three branches of government, at the state and federal level, while examining the influence of bureaucracy on all three.
2. Students will appraise the acts that created American government.
3. Students will assess the actions of the government in establishing and maintaining constitutional rights.
4. Students will critique the process of campaigns and elections in terms of democracy.
5. Students will compare the differences in political parties and hypothesize the causes.
6. Students will debate the role of mass media and interest groups on government

American Government and Civics is a required course for graduation.

U.S. HISTORY 1

Prerequisite: None
Grade Level: *10
Credit: 1/2 unit – one semester

**Open to 11, 12 grade levels when still needing U.S. History 1 credit*

Purpose Statement: The student will gain an understanding of the national experience of the United States from its founding through Reconstruction. In doing so, students will examine how these events both unified our country and created deep divisions.

1. Students will explore the colonization of American and the creation of an American identity against the British
2. Students will evaluate the first governments of country and the crises that challenged the new government
3. Students will analyze the expansion of the nation and the politics of Monroe and Jackson.
4. Students will focus on early reform movements, motivations for Westward expansion, and the causes of the Civil War (1840-1860).
5. Students will evaluate how well the Civil War and Reconstruction fixed the problems of sectionalism and grew a nationalistic identity.

U.S. History 1 is a required course for graduation.

HONORS U.S. HISTORY 1

Prerequisite:
Grade Level: 10
Credit: 1/2 unit – one semester

Purpose Statement: Students will examine the early history of the United States with emphasis on critical analysis of early themes in American history. In addition, students will learn to evaluate primary and secondary source material, develop historical perspectives, and present them in writing.

1. Students will assess the motivations for and affects of the European discovery, exploration, and colonization of the North American continent (1492-1763).
2. Students will explain the formation of a new “American” identity and its role in American independence and early government (1763–1800).
3. Students will examine the roles of Jefferson, Madison, and Monroe in further establishing and expanding the nation (1800-1828).
4. Students will evaluate the impact of the Jacksonian Democrats on the government and the nation (1828–1840).
5. Students will examine early nineteenth century reform movements, motivations for Westward expansion, and the causes of the Civil War (1840-1860).

U.S. History 1 is a required course for graduation.



U.S. HISTORY 2

Prerequisite: None
Grade Level: *11
Credit: 1 unit – two semesters

**Open to 12 grade level when still needing U.S. History 2 credit*

Purpose Statement: The student will continue the exploration of the national experience that was begun previously by examining events beginning with urbanization after the Civil War through the most recent historical events.

1. Students will summarize the problems of the Industrial Revolution and the Gilded Age and the solutions of the Progressive Era, including the role of U.S. Imperialism. (1865-1900).
2. Students will trace American foreign policy during the First World War and societal changes during the "Roaring Twenties," (1914-1929).
3. Students will explore the creation and the impact of the Great Depression (1929-1941)
4. Students will connect the events of World War II to the daily life in the 1950s (1941-1959).
5. Students will articulate the origins, key events, and the conclusion of the Cold War (1945–1991).
6. Students will discuss the social reforms of the 1960s and 1970s (1955-1979)
7. Students will discover the implications of 1980s conservatism and the rapid globalization of the 1990s
8. Students will outline the events of recent history and their impact on today's world.

U.S. History 2 is a required course for graduation.

AP U.S. HISTORY 2 (Honors Credit)

Fees: Registration cost for AP exam (approximately \$93) Fee waivers available for eligible students

Prerequisite:
Grade Level: 11
Credit: 1 unit – two semesters

Purpose Statement: Students will examine the diverse history of the United States through analysis of a multitude of key issues from American history. This analysis will include the interpretation of primary and secondary source documents, the synthesis of opinions, and the development of research-based historical perspective. Additionally, this class will prepare the student for the Advanced Placement U.S. History test.

1. Students will examine the diversity of the American people and the relationships among different groups.
2. Students will explain the development and views of the American national identity.
3. Students will analyze the causes of the demographic changes of the United States, and the economic, social, and political effects of these changes.
4. Students will evaluate the changes in trade, commerce, and technology, and the effects of capitalist development, labor and unions, and consumerism.
5. Students will explain the factors that brought about the increasing engagement with the rest of the world from the fifteenth century to the present.
6. Students will assess the growth of American political traditions.
7. Students will examine the causes and effects of diverse reform movements in American history.
8. Students will assess the impact of armed conflict on American foreign policy, politics, economy, and society.
9. Students will develop essential skills necessary for the advanced study of U.S. History.

U.S. History 2 is a required course for graduation.



MINORITY U.S. HISTORY

Prerequisite: None

Grade Levels: 9, 10, 11, 12

Credit: 1/2 unit – one semester

Purpose Statement: This course is designed to give students an overview of U.S. History through the eyes of diverse minority groups. Minority History will make use of short readings and multimedia resources in conjunction with classroom experiences. The student will be engaged in projects and activities which reinforce skills and knowledge to understand multicultural societies.

1. Students will examine the accomplishments of African Americans in U.S. History.
2. Students will evaluate the role of women in American Society.
3. Students will identify significant contributions of Latino Americans to U.S. culture.
4. Students will distinguish the contributions of unique minority groups (Asian, Native, Southern Asian, etc.).
5. Students will diagram connections between different minority groups and the issues of today.

SOCIOLOGY

Prerequisite: Junior or Senior standing

Credit: 1/2 unit – one semester

Purpose Statement: Students will create a better understanding of the future by exploring values, roles, and different cultural backgrounds while developing a more holistic approach to their world.

1. Students will historically define Sociology.
2. Students will define the methods used by sociologists to determine behavior.
3. Students will determine how culture influences their own behavior.
4. Students will explore how ethnocentrism and sanctions impact our lives.

PSYCHOLOGY

Prerequisite: Junior or Senior standing

Credit: 1/2 unit – one semester

Purpose Statement: The course in Psychology has been designed to give the student an eclectic approach in order to develop an overall view of the subject. Students will explore philosophy, abnormality, personality, and recreational drugs in order to create a better understanding of individual's behavioral pattern.

1. Student will develop an understanding of the history of Psychology.
2. Students will recognize the importance of personality influences.
3. Students will determine the varying degrees of abnormal behavior in our society.
4. Students will develop a better understanding of how dangerous "recreational drugs" can be.

CONTEMPORARY ISSUES

Prerequisite: Senior standing

Credit: 1/2 unit – one semester

Purpose Statement: Students will examine and evaluate the world they live in on the local, national and global scale. In addition, students will start to analyze their own feelings and values on issues that affect all Americans. Students will be expected to present in front of the class on a variety of topics throughout the semester.

1. Students will examine current events at the local, national, and international level.
2. Students will assess typical teenage actions and life choices.
3. Students will characterize national concerns.
4. Students will evaluate international problems.



PHYSICAL EDUCATION/ DRIVER'S EDUCATION

Rental fee for locks is \$5.00.

The goal of the Physical Education Department is to provide students with a variety of activities that promote a healthy lifestyle. Physical activity across one's lifespan is an important part of a person's well-being, and the Physical Education Department will inspire students to find activities that serve them throughout their life. Classes are offered in Team Sports, Personal Fitness and Strength and Conditioning. Students are required to dress each day for class participation.

Driver Education is offered to students who are 15 years of age and older. The goal of Driver Education is to teach students safe, low risk driving strategies. After successfully completing both phases of Drivers Education, satisfying the state requirements, and upon reaching the age of sixteen, the student may take the driving test and receive a driver's license at the DMV. NOTE: In the state of Illinois no one under the age of eighteen may obtain a driver's license unless he/she has been certified as having successfully completed both phases of a Driver Education program.

STRENGTH & CONDITIONING

Prerequisite: Students must have a C or higher in the previous semester
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit – one semester

The purpose of Strength & Conditioning is to develop strength, power, muscular endurance and flexibility. The course requires that students undergo weight training, plyometrics and cardiovascular exercise. The overall goals of this class are to enhance athletic performance, prevent injury and develop skeletal muscle.

PERSONAL FITNESS

Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit – one semester

Personal Fitness is a combination of lifelong activities and knowledge of basic fitness concepts. The curriculum is focused on target heart rate, proper lifting techniques with free weights and machines, the essentials of yoga/pilates that can be found within health facilities. Activities include but are not limited to: 5K run, walking, step aerobics, yoga, pilates, stability balls, and certified exercise programs. Fitness concepts: wellness, five components of fitness, nutrition, FITT Principles, and target heart rate.

TEAM SPORTS

Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit – one semester

The purpose of Team Sports is to promote teamwork, game strategies and physical fitness. The games played in team sports are designed to provide knowledge on the rules and strategies that will help promote a long and healthy life style through a variety of different games. The physical fitness required in team sports will allow students to improve their health and level of fitness. Games include basketball, volleyball, soccer, flag football, hockey.

BASKETBALL

Prerequisite: None
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit – one semester

This course is a technique and theory of basketball class. It is a full participation, hands on class. This class will cover the basics all the way through to the upper levels of learning about the sport of basketball. Students will experience a training program focusing on the physical development necessary for enhancing basketball movements that also prepare them for the fitness gram test. Students will practice basketball drills, work on team concepts, play in a game setting, and enhance their cardiovascular endurance.

BAND P.E.

Prerequisite: Enrollment in first semester Eagle Band
Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit – one semester (fall only)

Students enrolled in Eagle Band in the fall will also be enrolled in Band/P.E. This class gives the Eagle Band additional rehearsal time and focuses on marching and musical fundamentals. Students will take Band/P.E. instead of their normal Physical Education class.



CLASSROOM DRIVER'S ED

Prerequisite: State law requires students to pass a minimum of eight courses during the two semesters preceding enrollment in Driver Education. The student must be fifteen years of age or older on the first day of class

Grade Levels: 9, 10, 11, 12

Credit: No credit

Thirty hours of classroom instruction are offered by the district both semesters and in the summer as needed. Students are taught special skills needed for efficient and safe driving by the recognition of various hazards and the development of a concept of defensive driving. The need for communication and cooperation between drivers is emphasized. The textbook "Drive Right," is used and is supplemented by films, videos and other materials.

BEHIND THE WHEEL

FEES: \$25

Prerequisite: Successful completion of the classroom phase

Grade Levels: 9, 10, 11, 12

Credit: No credit

A behind the wheel course is offered to students who have completed the classroom phase. Students receive six hours of driving in a dual-controlled car. This instruction is given during PE period.

HEALTH

Grade Levels: *9, 10, 11

Credit: 1/2 unit - one semester

*Open to 12 grade when still needing Health credit

This course focuses on the mental, emotional, and social aspects of wellness. The physical health component includes the study of body systems, disease prevention, substances use, managing stress, developing effective decision making skills, and preventing violence. **Health is a required course for graduation.**

FIRST AID AND CPR

FEES: \$25 workbook fee

Prerequisite: Must have passed Health or equivalent

Grade Levels: 11, 12

Credit: 1/2 unit—one semester.

First Aid and CPR is a one semester class in which students will learn to care for persons with minor injuries and illnesses all the way up to caring for cardiac/breathing emergencies. Students will be hands on to complete the requirements of this class and should feel comfortable with other individuals in their personal space and vice versa. This course teaches practical skills for emergency care including potential to earn certification in Responding to Emergencies (adult, child and pediatric) First Aid/CPR/AED. Certification is only obtained if the student passes all written and skill assessments with an 80% or higher throughout the semester and carries an overall class grade of 80% or higher. Medical ethics and issues in science will also be discussed and students will complete research on current issues/topics in order to analyze and evaluate information to present as part of a project. This course also includes several other independent projects and is meant to allow students to become independent of their own learning in the classroom environment.



DUAL CREDIT & EARLY COLLEGE AND CAREER ACADEMY

Students have the opportunity to earn college credit through Dual Credit and the Early College and Career Academy. Various classes offered at RTHS and programs offered through the Education for Employment System via Parkland College are available in many subject areas.

DUAL CREDIT

Rantoul Township High School, together with Parkland College, offers a variety of classes where students can receive college credit in addition to the credit received at RTHS at no cost to students. Current classes offered for Dual Credit are: Entrepreneurship, Keyboarding 2, Spreadsheets, Word Processing, English 4, and FYE 101.

FYE 101 - Strategies for College Success - (Dual Credit)

Designed to help students succeed in college and beyond. Includes self-assessment, goal-setting, educational and career planning, time management, interpersonal communication, and personal development.

Prerequisite: Senior

Credit: 1/2 unit - 1 semester

Parkland Credit: 1-3 credits

EARLY COLLEGE AND CAREER ACADEMY

The Early College and Career Academy is a program for high school juniors and seniors to earn dual credit (college and high school), while gaining skills in different Parkland College programs: Automotive Technology, Computer Programming, Construction Trades, Criminal Justice, Certified Nursing Assistant, Education Pathway, Emergency Medical Services (Health Professions or Fire Service Focus), Industrial Technology, and Precision Agriculture. ECCA courses are taken at Parkland College. Each program allows students to earn between 10-14 college credits per school year.

Qualified students may enroll in these programs at no cost provided they maintain at least a C average while in the ECCA program. RTHS will provide a scholarship to students enrolled in the ECCA provided they finish the course with at least a C. ***Students who finish with below a C will be required to pay back the full cost of tuition for the course.***

In order to enroll in ECCA courses, students must be credit current, meaning students must never have failed a course while in high school (credit current is not the same as on track to graduate). Students must also meet the prerequisites laid out for the applicable field of study they choose to enter.

AUTOMOTIVE TECHNOLOGY (2-year sequence available)

Students gain the skills needed to inspect, maintain, and repair automobiles and light trucks with internal combustion engines. Successfully completing five Academy classes over two years earns the Parkland College Maintenance and Light Repair Certificate. Automotive students will have the opportunity to participate in the Hot Rodders of Tomorrow engine challenge.

Prerequisite: Year 1 & 2: 3.0 gpa

Year 2: Successful completion of Automotive Technology, Year One ECCA program

Grade Levels: 11, 12

RTHS Credit: 1 1/2 units per semester

Year 1 Courses (14 credit hours)

AFD 110-Automotive Maintenance & Light Repair

AFD 210-Automotive Work Experience Seminar

AFD 113-Automotive Chassis Systems Maintenance & Light Repair

Year 2 Courses (14 credit hours)

AFD 111-Automotive Powertrain Maintenance & Light Repair

AFD 115-Basic Chassis Electrical Systems



COMPUTER PROGRAMMING

This program will introduce logic and fundamental programming concepts using a common computer language with emphasis on syntax and structure. Topics include programming skills for creating websites, covering a range of topics from HTML and CSS to basic usage of common design patterns and web frameworks.

Prerequisite: 3.5 gpa preferred, but exceptions can be made with administrative approval (Parkland)

Grade Levels: 12

RTHS Credit: 1 1/2 units per semester

Semester 1 Courses (7 credit hours)	Semester 2 Courses (6 credit hours)
CIS 122 Introduction to Computer Programming CIS 152 Web Design & Development 1	CSC 155 Systems Development 1 CSC 140 Computer Science 1 (Java)

CONSTRUCTION TRADES

This program is for students interested in careers related to the building and construction trades and is a partnership with the East Central Illinois Building and Construction Trades Council. ECCA Construction Trades will include a combination of on campus instruction through coursework and off-campus hands-on instruction at local building trades facilities. Students will learn from professionals in areas such as plumbing, electrical, carpentry, painting, roofing, ironworking, bricklaying, and more.

Prerequisite: 3.5 gpa preferred, but exceptions can be made with administrative approval (Parkland)

Grade Level: 12

RTHS Credit: 1 1/2 units per semester

Semester 1 Courses (3 credit hours)	Semester 2 Courses (7 credit hours)
CIT 118 Introduction to Construction	CIT 110 Introduction to Building and Construction Trades CIT 135 Residential Building Systems

CRIMINAL JUSTICE (1-year program)

Students learn how criminal justice procedures and agencies have developed over time, along with their philosophy and constitutional aspects. Students survey the juvenile delinquency and U.S. correctional systems to discover other important aspects of criminal law. Hands-on instruction will include techniques to process crime scenes and analyze physical evidence.

Prerequisite: 3.5 gpa preferred, but exceptions can be made with administrative approval (Parkland)

Must finish 1st semester with a C or better to continue into 2nd semester.

Grade Levels: Seniors only unless approved by ECCA Director & Guidance Counselor.

RTHS Credit: 1 1/2 units per semester

Semester 1 Courses (6 credit hours)	Semester 2 Courses (6 credit hours)
CJS 101-Intro to Criminal Justice CJS 127-Juvenile Delinquency	CJS 104-Introduction to Corrections CJS 203-Criminal Law



DC/EARLY COLLEGE AND CAREER ACADEMY

CERTIFIED NURSING ASSISTANT (CNA)

Under the direct supervision of a licensed nurse, students learn how to care for patients in a long-term care facility, hospital, or assisted living facility, or in the home. Successfully completing the four Academy courses prepares students for the Illinois Nurse Assistants Certification exam.

Prerequisite: 3.5 gpa. **Assessment:** Placement into CCS 099, ENG 099, MAT 072

Grade Levels: 11, 12

RTHS Credit: 1 1/2 units per semester

Fall or Spring Courses (6 credit hours)	Fall or Spring Courses (6 credit hours)
HCS 112-Orientation to Health Careers HCS 154-Medical Terminology HCS 174-Legal Issues in Health Care	NAS 111-Basic Nursing Assistant Training Program

EDUCATION PATHWAY

This program is for future teachers and will focus on the philosophy and history of American public education and the role of the teacher, including discussion on current issues in education. The Education program includes a practical experience, which will take place throughout the school year. The practical experience will be jointly developed by ECCA and the student's home high school and will include observation hours and classroom assisting at local school districts.

Prerequisite: 3.5 gpa preferred, but exceptions can be made with administrative approval (Parkland)

Assessment: Placement into English 101

Grade Levels: 12

RTHS Credit: 1 1/2 units per semester

Semester 1 Courses (6 credit hours)	Semester 2 Courses (6 credit hours)
EDU 101—Introduction to Education FYE 101—Strategic College Success	EDU 104—Introduction to Special Education EDU 103—Introduction to Educational Technology

EMERGENCY MEDICAL SERVICES (EMS) - Health Professions Focus

Through Emergency Medical Technician training, students are prepared to provide pre-hospital assessment and care for those with medical conditions and traumatic injuries. Successfully completing the four Academy courses prepares students for the Illinois EMT-Basic license exam.

Prerequisite: 3.5 gpa preferred, but exceptions can be made with administrative approval (Parkland)

Grade Level: 12

RTHS Credit: 1 1/2 units per semester

Semester 1 Courses (6 credit hours)	Semester 2 Courses (5 credit hours)
HCS 112-Orientation to Health Careers HCS 154-Medical Terminology HCS 174-Legal Issues in Health Care	EMS 110-Emergency Medical Services 1: EMT-B



DC/EARLY COLLEGE AND CAREER ACADEMY

EMERGENCY MEDICAL SERVICES (EMS) - Fire Service Focus

Students who elect this option will participate in an Introduction to Fire Service course during the fall semester, which will include interactive activities and hands-on demonstrations related to careers in the Fire Service profession. Through Emergency Medical Technician training, students are prepared to provide pre-hospital assessment and care for those with medical conditions and traumatic injuries. Successfully completing the four Academy courses prepares students for the Illinois EMT-Basic license exam.

Prerequisite: 3.5 gpa preferred, but exceptions can be made with administrative approval (Parkland) Assessment: Placement into CCS 099, ENG 099, MAT 072. Students will be able to sit for the EMT (B) state licensing exam upon graduation from high school and after reaching 18 years of age.

Grade Levels: 12

RTHS Credit: 1 1/2 units per semester

Semester 1 Courses (6 credit hours)	Semester 2 Courses (5 credit hours)
HCS 112-Orientation to Health Careers	EMS 110-Emergency Medical Services 1: EMT-B
FST 111-Introduction to the Fire Service	
HCS 174-Legal Issues in Health Care	

INDUSTRIAL TECHNOLOGY: MACHINING, WELDING, AND DESIGN

In Parkland's the state-of-the-art Parkhill Applied Technology Center, students learn AutoCAD software, basic machining processes and machine tool equipment, and computer numeric control (CNC) and CNC programming. Other courses will include instruction in welding, hydraulics/pneumatics, mechanical assembly, and computer-aided machine design.

Prerequisite: 3.0 gpa preferred, but exceptions can be made with administrative approval (Parkland)

Grade Levels: 11, 12

RTHS Credit: 1 1/2 units per semester

Semester 1 Courses (6 credit hours)	Semester 2 Courses (8 credit hours)
CAD 124-Introduction to AutoCAD	MFT 127-Introduction to CNC Programming
MFT 121-Basic Machine Processes	WLD 111-Introduction to Welding

PRECISION AGRICULTURE

The ECCA Precision Agriculture program is for students interested in the application of UAV (drone) technology. Students will complete coursework to prepare for the FAA Commercial Drone Pilot exam, while learning about the implementation of GPS, GIS and other technologies within the precision agriculture industry.

Prerequisite: 3.0 gpa preferred, but exceptions can be made with administrative approval (Parkland)

Grade Level: 12

RTHS Credit: 1 1/2 units per semester

Semester 1 Courses (6 credit hours)	Semester 2 Courses (8 credit hours)
AVI 111-Commercial Drone Ground School	AGB-214 - Precision Farming Technology
AVI 112 -Intro to Drone Flight	AGB 215- Applications of GIS in Ag



SPECIAL EDUCATION

The goal of the Rantoul Township High School Special Education Department is to provide students with an education including a continuum of services within the general education environment whenever possible and also provide the students with similar educational, social and vocational needs, the skills, knowledge and attitude necessary to reach their potential as independent functioning citizens. While the program will vary according to each student's Individualized Educational Program, there exists a general curriculum structure universal to all Rantoul Township High School students. Included within this structure of academic requirements for graduation are courses which develop daily living skills, personal skills, and occupational preparation skills.

****Grade levels are general guidelines and, when necessary, students not in the grade levels listed may enroll in those classes.***

<u>AVAILABLE 2023-2024 COURSES</u>		
<u>COURSE</u>	<u>CREDIT</u>	<u>GRADE LEVELS</u>
Modified Strategic Literacy	1 unit - two semesters	9, 10, 11, 12
Functional English	1 unit - two semesters	9, 10, 11, 12
Modified English	1 unit - two semesters	9, 10, 11, 12
Functional Speech	1/2 unit - one semester	9, 10, 11, 12
Modified Speech Communications	1/2 unit - one semester	9, 10, 11, 12
Functional Health	1/2 unit - one semester	*9, 10
Modified Health	1/2 unit - one semester	*9, 10, 11
Functional Science	1 unit - two semesters	*9, 10
Modified Environmental Studies	1 unit - two semesters	*9, 10
Modified Biology	1 unit - two semesters	*9, 10
Functional Math	1 unit - two semesters	9, 10, 11, 12
Consumer Math	1 unit - two semesters	9, 10, 11, 12
Modified Algebra	1 unit - two semesters	*9, 10
Modified Geometry	1 unit - two semesters	*10, 11
Functional Careers	1 unit - two semesters	10, 11, 12
Modified Careers	1 unit - two semesters	11, 12
Modified Occupations	2 units - two semesters	11, 12
Modified Geography	1 unit - two semesters	9, 10, 11, 12
Functional Am Govt/Civics	1/2 unit - one semester	*9, 10, 11
Modified American Govt/Civics	1/2 unit - one semester	*9, 10
Functional U.S. History 1	1/2 unit - one semester	*9, 10
Modified U.S. History 1	1/2 unit - one semester	*10, 11
Functional U.S. History 2	1 unit - two semesters	11, 12
Modified U.S. History 2	1 unit - two semesters	11, 12
Functional Consumer Skills	1 unit - two semesters	9, 10, 11, 12
Modified Intro to Business	1/2 unit - one semester	*9
Everyday Life Skills	1 unit - two semesters	9, 10, 11, 12
Independent Skills	1 unit - two semesters	9, 10, 11, 12
STARS	1 unit - two semesters	9, 10, 11, 12
Resource	1/2 unit - one semester	9, 10, 11, 12



MODIFIED STRATEGIC LITERACY

Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

Purpose Statement: Students in Modified Strategic Literacy will focus on strategies that will make them more effective readers. Students will use context clues to construct the meaning of unfamiliar vocabulary and apply such words in their own writing. Students will read comprehensively and apply situations in literature to real-life situations. Students will expand upon basic grammatical structure as is necessary to write comprehensively.

1. Students will develop their abilities to read with increased understanding.
2. Students will develop their writing to better communicate their ideas for a variety of purposes.
3. Students will work to improve comprehension using a variety of reading strategies.
4. Students will use language arts skills to communicate information.

FUNCTIONAL ENGLISH

Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

Students improve their writing skills and mechanics through extensive writing practice. Capitalization and punctuation, increasing vocabulary, and the ability to use functional language in daily situations are emphasized. Instructional methods are developed to relate to the personal need and experiences of the individual student. Novel study is used to increase comprehensive and writing skills.

MODIFIED ENGLISH

Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

The purpose of this course is to increase students' reading comprehension, vocabulary, and written communication skills. Students will read a variety of texts including novels, short stories, plays, poems, and articles at an appropriate reading level. Students will compose and edit their own written work in order to develop better communication skills for a variety of purposes.

FUNCTIONAL SPEECH (offered in 2023-2024, 3 year rotation)

Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit - one semester

This course is designed to help students understand and respond to questions, improve their problem-solving abilities, improve their conversational skills, and also to help them with their every day communications skills. Material is presented at an appropriate age and reading level.

MODIFIED SPEECH COMMUNICATIONS

Grade Levels: 9, 10, 11, 12
Credit: 1/2 unit - one semester

This course helps students develop effective communication skills. Specifically, students study the communication process, improving listening and non-verbal communication, managing speech anxiety, and preparing and delivering different types of speeches.

FUNCTIONAL HEALTH (offered in 2023-2024, 3 year rotation)

Grade Levels: *9, 10
Credit: 1/2 unit - one semester
**Open to 11, 12 grade levels when necessary*

This course considers several issues of adolescent well-being and helps prepare students to make wise and responsible health decisions and choices in their daily lives. Examples of topics may include coping with stress, relationships, avoiding problems with food, medicine, illegal drugs, alcohol, STD's and AIDS, and consumer health. All instruction is presented at an appropriate reading level and is designed to meet the personal needs and experiences of the student.



SPECIAL EDUCATION

MODIFIED HEALTH

Grade Levels: *9, 10, 11
Credit: 1/2 unit - one semester
**Open to other grade levels when Necessary*

This course considers several issues of adolescent well-being and helps prepare students to make wise and responsible health decisions and choices in their daily lives. Examples of topics may include coping with stress, relationships, human body systems, medicine, illegal drugs, alcohol, STD's and AIDS, and consumer health.

FUNCTIONAL SCIENCE

Grade Levels: *9, 10
Credit: 1 unit - two semesters
**Open to other grade levels when Necessary*

This course covers topics in science presented at an appropriate reading level. Instruction includes hands-on activities and can be applied to practical daily tasks.

MODIFIED ENVIRONMENTAL STUDIES

Grade Levels: *9, 10
Credit: 1 unit - two semesters
**Open to other grade levels when Necessary*

The purpose of this course is to familiarize students with our earth's structure and environmental conditions. One semester consists of Geology concepts including the structure of Earth, internal and external processes and surface features. Second semester will cover topics related to Environmental Science including resources, population growth, and climate change.

MODIFIED BIOLOGY (offered in even numbered years 2024-2025)

Grade Levels: *9, 10
Credit: 1 unit - two semesters
**Open to other grade levels when necessary*

Purpose Statement: Students will be exposed to the fundamental facts and concepts of the study of biology through exploring fields of the science, discovering various living organisms, and conducting inquiry on life processes in order to gain a better understanding of the world around them.

1. Present universal facts and concepts for understanding science in connection to the study of biology.
2. Students explore the interconnection of various organisms, the passage of energy through the food chain, and the cycling of nutrients.
3. Students explore the occurrence of various types of cell division and understand the significance of these processes.
4. Students explore the structural similarities and differences between DNA and RNA and the processes of DNA replication, transcription, and protein synthesis.
5. Students explore Mendelian principles of heredity and the probable outcomes through the application of Punnett squares.
6. Students will continue in their study of genetics by examining inheritance and gene abnormalities responsible for genetic disorders.



FUNCTIONAL MATH

Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

This course focuses on teaching and enhancing students' functional math skills. Topics included are algebra, geometry, money management and basic math computational skills necessary for personal financial management. A focus will be on each student's IEP goals.

CONSUMER MATH

Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

Students will learn the foundations of personal finance. They will learn the importance of earning a paycheck, gross and net pay, and analyzing a paycheck stub. Students apply discounts and learn how to calculate sales tax and leave tips as a good consumer. Students will explore a fictitious budget and how it will affect their everyday life choices for gaining independence as they explore the costs of living on their own, purchasing/leasing a vehicle and the use of credit.

MODIFIED ALGEBRA

Grade Levels: *9, 10
Credit: 1 unit - two semesters
**Open to other grade levels when Necessary*

This course will teach students to use algebraic and analytical methods to identify and describe patterns and relationships in data, solving problems and predicting results. Students will learn to describe numerical relationships using variables and patterns, and to interpret and describe numerical relationships using tables, graphs and symbols. In addition students will solve problems using systems of numbers and their properties. The material will be adapted to meet the individual needs of students.

MODIFIED GEOMETRY

Grade Levels: *10, 11
Credit: 1 unit - two semesters
**Open to other grade levels when Necessary*

This course is designed to help students understand geometry and more specifically to teach students how to use geometric methods to analyze, categorize and draw conclusions about points, lines, planes and space. Students will learn to demonstrate and apply geometric concepts involving points, lines, planes and space.

FUNCTIONAL CAREERS

Prerequisite: 10, 11, 12
Credit: 1 unit - two semesters

Students will learn and apply work skills and attitudes in various work related activities. The skills assessed include attendance/punctuality, demonstrating a positive work attitude, displaying a work ready appearance, work quality, work rate, taking initiative/following directions, co-worker relationships, supervisor relationships, and being open to learning and improving.

MODIFIED CAREERS

Prerequisite: 11, 12 or 16 years of age
Credit: 1 unit - two semesters

Students explore vocational interests and aptitudes. They participate in a structured overview of the many and varied jobs that constitute the work field. Practical skills of job application procedures and interviewing are emphasized. Further emphasis is placed on appropriate soft skills such as dealing with co-workers and employers and necessary skills for maintaining a job.

MODIFIED OCCUPATIONS

Prerequisite: 11, 12 standing or 16 years of age. Must be enrolled in Modified Careers
Credit: 2 units - two semesters

This course is taken in conjunction with Modified Careers. Students maintain a part-time job, internship, or volunteer position for the school year. They apply the skills and attitudes that they have learned to the work experience.



SPECIAL EDUCATION

MODIFIED GEOGRAPHY (offered in odd # years 2023-2024)

Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

This course is designed to help students understand the physical and human geography of the world. Students will learn to locate, describe, and explain the various regions and countries on Earth. Students will also analyze the characteristics and cultural experiences of Earth's people.

FUNCTIONAL AMERICAN GOVERNMENT & CIVICS (offered in 2024-2025. 3 year rotation)

Grade Levels: *9, 10, 11
Credit: 1/2 unit - one semester
**Open to other grade levels when needed*

This course is a basic introduction to local, state, and national government with emphasis on the U.S. and Illinois Constitutions. While exploring citizenship and the criminal justice system, students will acknowledge their rights and duties as citizens of the United States. Material is presented at an appropriate age and reading level.

MODIFIED AMERICAN GOVERNMENT & CIVICS

Grade Levels: *9, 10,
Credit: 1/2 unit - one semester
**Open to other grade levels when needed*

Students will examine the basics of federal, state, and local government. Students will identify the roles of the three branches of the U.S. government, understand the process of elections, demonstrate and recognize their constitutional rights, and know the motivations behind the flag code.

FUNCTIONAL U.S. HISTORY 1 (offered in 2024-2025. 3 year rotation)

Grade Levels: *9, 10
Credit: 1/2 unit - one semester
**Open to other grade levels when needed*

This course covers the scope of American history from Early Discovery and Civil War reconstruction. Students will have the opportunity to learn how the United States developed and became a world leader. Maps, graphs, diagrams, and charts will be emphasized. All instruction is presented at an appropriate reading level and is designed to meet the personal needs and experiences of the student.

MODIFIED U.S. HISTORY 1

Grade Levels: 10, 11
Credit: 1/2 unit - one semester
**Open to other grade levels when needed*

This course covers the scope of American history from the creation of early America (1677) through the end of Reconstruction (1870's). Students will have the opportunity to learn how the United States developed and became a world leader.

FUNCTIONAL U.S. HISTORY 2 (offered in 2022-2023. 3 year rotation)

Grade Levels: 11, 12
Credit: 1 unit - two semesters

This course covers the scope of American history as well as an understanding of significant historical events in one's own life, school, and community. Students will have the opportunity to apply knowledge with hands on experience. All instruction is presented at an appropriate reading level and is designed to meet the personal needs and experiences of the student.

MODIFIED U.S. HISTORY 2

Grade Levels: 11, 12
Credit: 1 unit - two semesters

Students will explore the national experience and role of the federal government by examining events beginning right after the Civil War through the most recent historical events.

U.S. History 2 is a required course for graduation.

FUNCTIONAL CONSUMER SKILLS

Grade Levels: 9, 10, 11, 12
Credit: 1 unit - two semesters

This course is a comprehensive development program for high school students interested in making a successful transition to life after high school. Areas of emphasis include: shopping and community smarts, budgeting, financial literacy, and other areas of consumer skills as related to individual student needs. All material is presented at an appropriate age and reading level. ***This course meets the Consumer Education requirement.***



MODIFIED INTRODUCTION TO BUSINESS

Grade Levels: *9

Credit: 1/2 unit - one semester

**Open to other grade levels when needed*

This course takes students on a journey towards life outside of high school. Students will learn about careers and how to create a path toward the career of their interests and skills. Students will also examine the basic concepts of financial literacy, specifically budgeting, banking, and credit. All of this is done while focusing on employability skills. ***This course meets the Consumer Education requirement.***

EVERYDAY LIFE SKILLS

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

This course is a comprehensive development program for high school students interested in making a successful transition to life after high school. Areas of emphasis include: time-management, self-advocacy, the IEP, household smarts, and financial responsibilities. ***This course meets the Consumer Education requirement.***

EVERYDAY LIFE SKILLS 2

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

This course is a comprehensive development program for high school students interested in making a successful transition to life after high school. Areas of emphasis include: the post-secondary educational setting, post-secondary goal setting, and social awareness. The course will also build upon the transition skills covered in Everyday Life Skills 1. ***This course meets the Consumer Education requirement.***

EVERYDAY LIFE SKILLS 3

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

This course is a comprehensive development program for high school students interested in making a successful transition to life after high school. Areas of emphasis include: community awareness/volunteerism, exploring the concepts of courage, commitment, sacrifice, patriotism, and citizenship and how these values can be exemplified in daily life. The course will also build upon the transition skills covered in Everyday Life Skills 1 & 2. ***This course meets the Consumer Education requirement.***

EVERYDAY LIFE SKILLS 4 (Not offered in 2022-2023)

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

This course is a comprehensive development program for high school students interested in making a successful transition to life after high school. Areas of emphasis include: career planning, the employment setting, and the Six Pillars of Character. ***This course meets the Consumer Education requirement.***

INDEPENDENT SKILLS

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

Students will learn important daily living skills that will increase their ability to function independently. These skills include, but are not limited to, the following areas: cooking, cleaning, social, money, manners/etiquette, and hygiene. Application of the skills learned in the classroom are applied in real-life settings through field trips to various stores, restaurants, and other appropriate locales.

STARS

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

This course provides customized support for learning routines specific to the activities of daily living, functional life skills, health/safety, and transitions. This course will build on the skills learned in Independent Skills.

RESOURCE

Grade Levels: 9, 10, 11, 12

Credit: 1 unit - two semesters

This class provides structured practice in skills necessary to succeed in academic classes. It stresses organization and study strategies for learning materials.



TESTING

MAP: Rantoul Township High School administers the NWEA MAP test to all Freshman-Junior students two times per year and three times a year for students enrolled in Strategic Literacy and any of the Math Lab classes. This test serves as a universal screener. Screening all students allows us to identify students who need intervention and place them in classes appropriately. The test is administered on the computer and is adaptive in nature. Parents will receive reports that detail their students' performance at the end of each semester with report cards.

PSAT NMSQT: RTHS administers the PSAT in October only when there are students who sign up. The PSAT is a standardized test to measure readiness for college, access scholarships, and practice for the SAT. Both sophomores and juniors may take the test and scores for juniors are used to identify National Merit Scholars and award merit scholarships. A fee is charged. Go to www.collegeboard.com for more information.

PSAT 9 & 10: Will be given to all freshmen and sophomores during the spring semester. This assessment is part of an assessments program designed by College Board to be given to high school students. These assessments help students determine what they need to work on most to prepare them for college. For more information: Collegereadiness.collegeboard.org/psat-8-9/k12-educators/overview or collegereadiness.collegeboard.org/psat-nmsqt-psat-10.

Both the SAT and ACT are acceptable assessments for entrance to Illinois universities.

SAT: The College Board's SAT with essay is administered as the state assessment in Illinois high schools. The free assessment is given in April to all juniors. In addition to meeting RTHS graduation requirements, students must take this assessment to receive a diploma.



State Universities in Illinois – At a Glance

Summary of Minimum High School Course Requirements for Admission of Freshmen to Illinois Public Universities, Effective 2019-2020

(From IACAC website, iacac.org—click on “Publications”, “State Universities in Illinois”, “State Universities in Illinois—at a Glance 2019-2020” for further information)

	Total	English	Social Studies	Mathematics	Laboratory Sciences	Electives and other Requirements
Chicago State	15	4 ¹	3 ⁷	3 ⁸	3 ¹²	2 years of foreign language, music, vocational education or art
Eastern Illinois	15	4 ¹	3 ⁴	3 ⁸	3	2 years of academic or vocational electives
Governors State	15	4 ¹	2	3 ¹⁰	2	2 years of one foreign language or fine arts; and 2 years of electives
Illinois State	15	4	2	3 ¹⁰	2	2 years of one foreign language or fine arts; and 2 years of electives
Northeastern Illinois	15	4 ¹	3 ⁴	3 ⁸	3	2 years of foreign language (FL) or 2 years of fine arts (FA) or a combination of 1 year FA/FL and 1 year of vocational education
Northern Illinois	15	4 ²	3 ⁵	3 ⁹	3 ¹³	2 units (one must be foreign language, art, or music); Up to three units of the required fifteen units may be distributed throughout any of the five categories of course work. Vocational education may satisfy up to three of the units
Southern Illinois Carbondale	15 or 16	4 ¹	3 ⁷	3 or 4 ¹⁰	3 ¹²	2 years of electives in foreign language, art, fine arts, music or vocational education; if a foreign language is taken, it must include two semesters of the same language
Edwardsville	15	4 ¹	3 ⁴	3 ¹⁰	3	2 years chosen from foreign language, music, the visual arts, theatre, dance and/or vocational education
University of Illinois Chicago	16	4	3	3	3	2 years of foreign language (recommended); 1 year of electives
Springfield	15	4 ³	3 ⁵	3 ¹⁰	3 ¹²	2 years of one foreign language or 2 years of fine arts, selected from art, music, dance and theatre are required
Urbana-Champaign	15 or 15.5	4 ³	2 ⁷	3 or 3.5 ¹¹	2 ¹²	2 years of one foreign language are required; and 2 years (flexible academic units) from any of the five subject categories. Approved art, music, or vocational education courses may be counted in the flexible academic units category
Western Illinois	15	4 ¹	3 ⁴	3 ⁸	3	2 years of foreign language, music, vocational education, art, theatre, film, religion, philosophy, speech or journalism+

NOTES:

+ Suggested Electives - includes other academic courses.

1. Emphasizing written and oral communication and literature.

2. Three units of English must be courses emphasizing written and oral communication and literature.

3. Studies in language, composition, and literature requiring practice in expository writing in all such work. Coursework should emphasize reading, writing, speaking, and listening.

4. Emphasize history and government.

5. One unit must be U.S. history or a combination of U.S. history and government.

6. At least 2 years of history and/or government; other acceptable subjects are anthropology, economics, geography, psychology, and sociology.

7. History and government are preferred. Additional acceptable social studies include anthropology, economics, geography, philosophy, political science, psychology, and sociology.

8. Introductory through advanced algebra, geometry, trigonometry, or fundamentals of computer programming.

9. College preparatory mathematics, including one year of geometry and one year of advanced algebra and/or trigonometry.

10. Algebra I & II, and a proof-based geometry course. A fourth unit is highly recommended: trigonometry and pre-calculus, or statistics, depending on the student's area of interest.

11. Algebra, geometry, advanced algebra, trigonometry. Typically, such courses as career/occupational mathematics, consumer mathematics, applied business mathematics, pre-algebra, and computer courses are not acceptable. 3.5 years of mathematics including trigonometry are required in the following curricula: Agricultural, Consumer and Environmental Sciences – agricultural engineering; Business – all curricula; Engineering – all curricula; Fine and Applied Arts –architectural studies; Liberal Arts and Sciences-specialized curricula in biochemistry, chemical engineering, chemistry, geology, and physics.

12. Laboratory courses in biology, chemistry, or physics are preferred. Laboratory courses in astronomy and geology are also acceptable. General science will not be acceptable.

13. Two units must be courses in the physical or biological sciences. One unit must be a laboratory science.



UNIVERSITIES AND COLLEGES IN ILLINOIS

(Below is a partial listing of universities and colleges in Illinois. To access a more complete listing, go to www.collegesimply.com/colleges/illinois. Click on institutions you may be interested in to get an overview of that school).

4 YEAR PUBLIC

Chicago State University	Chicago	csu.edu	(773) 995-2513
Eastern Illinois University	Charleston	uiu.edu/admissions	(217) 581-2223
Governors State University	University Park	govst.edu/admissions	(708) 534-4490
Illinois State University	Normal	illinoisstate.edu	(309) 438-2181
Northeastern Illinois University	Chicago	neiu.edu	(773) 442-4050
Northern Illinois University	Dekalb	admissions.niu.edu	(815) 753-0446
Southern Illinois University	Carbondale	siu.edu	(618) 536-4405
Southern Illinois University	Edwardsville	siue.edu/admissions	(618) 650-3705
University of Illinois	Chicago	admissions.uic.edu	(312) 996-4350
University of Illinois	Springfield	uis.edu/admissions	(217) 206-4847
University of Illinois	Urbana-Champaign	admissions@illinois.edu	(217) 333-0302
Western Illinois University	Macomb	wiu.edu	(309) 298-3157

2 YEAR COMMUNITY

Danville Area Community College	Danville	dacc.edu	(217) 443-3222
Heartland Community College	Normal	heartland.edu	(309) 268-8000
Illinois Central College	Peoria	icc.edu	(309) 694-5422
Illinois Valley Community College	Oglesby	ivcc.edu	(815) 224-2720
Joliet Junior College	Joliet	jjc.edu	(815) 729-9020
Kankakee Community College	Kankakee	kcc.edu	(815) 802-8100
Lake Land College	Mattoon	lakelandcollege.edu	(217) 234-5253
Parkland College	Champaign	parkland.edu	(217) 351-2200
Richland Community College	Decatur	richland.edu	(217) 875-7200

4 YEAR PRIVATE

Blackburn College	Carlinville	blackburn.edu	(800) 233-3550
Bradley University	Peoria	bradley.edu	(309) 676-7611
Eureka College	Eureka	eureka.edu	(309) 467-3721
Illinois College	Jacksonville	ic.edu	(217) 245-3000
Knox College	Galesburg	knox.edu	(309) 341-7000
Lincoln College	Lincoln	lincolncollege.edu	(800) 569-0556
MacMurray College	Jacksonville	mac.edu	(217) 479-7056
McKendree University	Lebanon	mckendree.edu	(618) 537-6831
Millikin University	Decatur	millikin.edu	(800) 373-7733
Monmouth College	Monmouth	ou.monmouthcollege.edu	(800) 747-2687
Northwestern University	Evanston	northwestern.edu	(847) 491-3741
University of Chicago	Chicago	uchicago.edu	(773) 702-1234

MILITARY RECRUITING OFFICES IN CHAMPAIGN COUNTY

Illinois National Guard	Champaign	state.nationalguard.com/illinois	(217) 229-6381
Army	Champaign	goarmy.com	(217) 356-2169
Marines	Champaign	marines.com	(217) 356-8762
Navy	Champaign	navy.com	(217) 351-1962
Air Force	Champaign	airforce.com	(217) 352-1971



PLANNING FOR YOUR FUTURE.....

“The future depends on what we do in the present.” - Mahatma Gandhi

Please keep the following tips in mind as you plan your high school courses and activities:

1. Choose courses keeping in mind your future goals as well as electives that interest you.
2. Make sure your high school course selections meet requirements of colleges you are interested in attending.
3. **Stay on top of your grades.** Colleges look at your permanent academic record beginning with 9th grade.
4. Stay active in sports, clubs, and community activities.
5. Keep a list of your awards, honors, work (both paid and volunteer), and extracurricular activities.
6. If you plan to join the military, communicate with a recruiter to find out what is required of you.
7. Research college choices. Decide which characteristics are most important to you such as the size of the school, distance from home, cost, and extracurricular activities.
8. Sign up for the ACT or SAT. You can also take the PSAT in your sophomore or junior year.
9. Attend college fairs, the financial aid night, schedule college campus visits & talk to the various college representatives who visit the high school.
11. Apply for scholarships—the high school Counseling Center offers a variety of local scholarships and can help you apply for others as well.
12. Make sure to notify your counselor, once you are accepted, which college you will attend.

Your high school counselor will help you with your schedule, your college applications, financial aid opportunities, and anything else you need to transition from high school.

Freshmen:

- Colleges care about which courses you're taking in high school. They will be more impressed by respectable grades in challenging courses than by outstanding grades in easy ones.
- Make sure you know what the minimum requirements are to be accepted to the college of your choice (see page 64). If you plan to attend college, your schedule should consist of *at least* 4 college preparatory classes per year.
- Talk to your counselor about Honors level and AP courses. Find out what courses are available, whether you are eligible, and how to enroll in them.
- Your counselor will guide you through the “Career Cruising” program to help you establish career goals and courses to take to meet those goals.
- Stay active in clubs, activities, and sports that you enjoy.
- Keep a file of important documents and notes: copies of report cards, lists of awards and honors, lists of school activities and sports in which you have participated, and lists of all paid and volunteer work.

Juniors:

- If you plan to attend college, begin to gather information – request brochures, catalogs, and attend college fairs. Talk to your counselor about your options as well as financing for college.
- Continue to make sure you are enrolled in courses that will help in your future endeavors. RTHS offers a variety of dual credit courses where you can earn college credit while still in high school (see page 49).
- If you plan to join the military, communicate with a recruiter to find out what is required of you.
- Stay on top of your grades and remember that extra-curriculars play an important role in your success.
- Keep that file up to date!
- Sign up for the ACT or SAT. You can also take the PSAT. (You will take the SAT with all other juniors in April but you may also take it on any of the national test dates).

Sophomores:

- Continue to enroll in courses that will help with your future goals. Work hard to keep up your grades.
- Update your goals in the Career Cruising program to make sure you are enrolling in courses that will help you with your career choices.
- Research your college choices. Meet with your counselor to discuss your options.
- Consider taking the PSAT in October. It is great practice for taking the SAT (which you will take in spring of your junior year).
- Stay on top of minimum requirements for college acceptance and make sure you are enrolled in the appropriate high school courses.
- It's important to stay involved in extra-curricular activities.
- Keep your file listing all honors, awards, etc... updated. This information is very helpful when filling out college and scholarship applications.

Seniors:

- You're on the home stretch! Stay focused and organized. Your counselor will help you with your schedule, your college applications, financial aid opportunities, and anything else you need to transition from high school.
- Narrow down your college choices and begin the application process keeping in mind important deadlines.
- Complete the FAFSA (Free Application for Federal Student Aid) as soon as possible after October 1.
- Re-take the ACT and/or SAT in the fall if you are not satisfied with your scores.
- Attend the RTHS Financial Aid Night (September), the Regional College Fair at Parkland College (usually September), and schedule college campus visits.
- The counselors host a Parkland application ‘party’ where you apply online to Parkland College.
- College representatives from a variety of schools visit RTHS in the fall during lunch hours in the cafeteria and are available to answer your questions and hand out information on their schools.
- Your grades are important – both semesters!! Keep your grades up, even after you are accepted to a college.
- Make sure to notify your counselor, once you are accepted, which college you will attend.
- Apply for scholarships – RTHS offers a variety of scholarships. Check in the Counseling Center regularly to choose and apply for those that you qualify for.





SCHOLARSHIPS AVAILABLE IN THE RTHS COUNSELING CENTER



Below are scholarships offered through the RTHS Counseling Center. They are listed by the month they are due and are subject to change.

Other scholarship opportunities can be found at fastweb.com & collegegreenlight.com.

OCTOBER	NOVEMBER	DECEMBER	JANUARY
Coca-Cola Scholars VFW Voice of Democracy Horatio Alger Stokes Educational Scholarship Omega Psi Phi Fraternity Essay Contest Heisman High School Jack Kent Cook Foundation	Prudential Spirit of Community Award Elks Club Most Valuable Student Class of 1982 Alumni Scholarship Greenhouse Scholars G2 Overachievers Dr. Juan Andrade Jr. MLK Scholarship	AXA Achievement Burger King Scholars Illinois Electric Co-Op National Wild Turkey Federation UI Children of Veteran's Foot Locker Scholar Athlete Program National Space Club Make the U	CBAI Foundation Illinois D.A.R. Scholarship Health Care Leaders First Step Scholarship Taco Bell Live Mas STIFEL
FEBRUARY	MARCH	MARCH (cont.)	APRIL
American Legion Essay Contest AMVETS Beta Sigma Psi Champaign County Community Services Block Grant Champaign County Farm Bureau Freese Memorial Kathryn G. Hansen (Secretariat) Mediacom PTA Lillian Glover Farm Credit Services America's Farmers Grow Ag Leaders National Defense Transport. Assn.	Ada Mucklestone Memorial Bank of Rantoul Beta Sigma Phi – Xi Eta Omicron Christie Foundation Don Myrick Memorial FFA Devin Fiedler Memorial Gifford Lion's Club Marine Corps Illinois Masonic Lodge The Chorale Young Artist SAE Engineering Calbert/Monroe Scholarship John & Dorothy Schettler Education Knights of Columbus Rantoul P.E.O.	Rantoul Core Club Rantoul Core Club Parkland Rantoul Rotary 2-year Rantoul Rotary 4-year Rantoul Volunteer Firefighters Memorial Robert F. Charles Memorial RTHSEA Illinois Sheriff's Association RTHS Athletic Booster Club Illinois Municipal Utilities Association NAIFA Scholarship Women's Business Council of Champaign County Jumpstart Parkland/Christie Clinic Nursing	Champaign County Extension Duane G Wolken Memorial Parkland College Marilyn Huckaba Parkland College Jennifer Sinclair Sigma Phi Epsilon Illinois Heartland Decorative Artists Bussey Bank Community Reinvestment Act James/Evelyn Wiechman Memorial



**R.H.S. oh R.H.S., faithful to you we'll be
All our hopes and all our fears
Will be for you, just you.**

RAH! RAH! RAH!

**Studious days throughout each year
Have kept our hearts aglow,
And until the end, we'll be loyalists and
friends
To the school that we love the best.**

CHA HEE CHA HA, CHA HA HA HA

**RANTOUL HIGH
SCHOOL**

RAH! RAH! RAH!

