

Rock Island High School
2015-2016
Catalog
of
Course Offerings
Grades 9 - 12



Rock Island Public Schools
District # 41
Rock Island, IL 61201

Mission Statement

Rock Island High School's mission is to challenge all students to reach their fullest potential in a respectful and safe environment, preparing them for success in a rapidly changing global society.

Dear Parents, Guardians, and Students:

Please find the materials included in this course catalog helpful as you plan your course of study at Rock Island High School. This information will provide a description of every course offered to help your selection process. Please take time to examine these course offerings and visit with a counselor, administrator, or staff member regarding its contents.

Thank you for your cooperation.

Yours in education,

Tim Wernentin, Principal
Rock Island High School

New in 2015 - 2016

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| <ul style="list-style-type: none">• Advancement Via Individual Determination 2 (AVID 2)• Advanced Placement Studio Art• Advanced Placement Biology• Advanced Placement English Language and Composition | <ul style="list-style-type: none">• Dual Credit Basic Essentials of Technical Math• Dual Credit Basic Precision Measurement• Dual Credit English 101• Dual Credit English 102• Dual Credit Medical Terminology |
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GENERAL INFORMATION

COURSE REQUIREMENTS FOR GRADUATION

(Refer to departments throughout the catalog for specific requirements)

Department	Class of 2016, and 2017	Class of 2018 and Beyond
English	4.0	4.0
Math	3.0	3.0
Science	2.0	2.0
Social Studies	2.5	3.0
State and Local	.5	n/a
World Studies	n/a	1.0
American History	1.0	1.0
Consumer Economics	.5	.5
Federal Government	.5	.5
Music, Art, Foreign Language, or Vocational Education	1.0	1.0
Physical Education	3.0	3.0
Health Education	.5	.5
Driver Education	.5	.5
Computer Concepts	.5	.5
ELECTIVES	7.0	6.5
TOTAL REQUIREMENTS	24.0	24.0

ADVANCED PLACEMENT COURSES

The Advanced Placement (AP) Program, coordinated through the College Board, provides students the opportunity to earn college credit while in high school. These courses challenge students to higher levels of achievement and further develop skills and study habits that are beneficial in their postsecondary planning. Courses designated as AP have had the syllabi and instructor approved by the College Board. In May, students have the opportunity to take a national AP examination. A fee is required for each test taken. Depending on the results and college the student chooses to attend, he/she can earn college credit. Students enrolled in AP classes are expected to take the AP exam in May.

AVID PROGRAM

The central goal of the **AVID program (Advancement Via Individual Determination)** is to prepare students in the academic middle that have high potential for acceptance into and success in postsecondary education. An AVID student is defined as enthusiastic, ardent, and vigorous in pursuit of his/her post high school goals. AVID students are expected to maintain at least a “C” average in all classes, model good citizenship in the classroom, and become active members of the school and broader community. Students must go through an application/interview process and be approved by the AVID site team in order to take this elective course each academic school year.

ATTENDANCE REQUIREMENTS

Students shall attend school as full-time students for at least three years to be eligible for graduation. A full-time student is defined as one carrying six subjects. Students participating in approved vocational-occupational work programs are considered full-time.

Successful academic performance and attendance in school are highly correlated with one another. We encourage parents/guardians to stress attendance to their children so they may receive the most benefit from their courses. If you have any questions about your student's attendance, please contact the attendance office.

AUDIT

Students may audit (no grade or credit given) a class with written permission from the Associate Principal. In order to audit a class, there must be space available in the class, the subject has been taken previously, and credit was received.

CANCELLATION OF COURSE

Any Advanced Placement Course, elective course, or general course may be cancelled due to lack of enrollment.

CAREER CRUISING

Rock Island High School utilizes the Career Cruising program for online exploration of postsecondary schooling options and careers. Financial aid and scholarship information is also available on this site. Over the course of four years at RIHS, students will participate in a variety of Career Cruising activities that will culminate in a portfolio of information that they can access beyond graduation. In addition, students have access to Career Cruising Quad Cities, which allows them to explore careers and company profiles in the local area. Various work-based learning activities are available to students such as company tours, job shadowing and conversing with career coaches.

CLASS RANK

Class rank will be determined by cumulative grade point average using a two-tier weighted grade system.

Rock Island High School Two Tier Grade System

Weighted Courses – 5.0 Scale

- A is equal to 5 points
- B is equal to 4 points
- C is equal to 3 points
- D is equal to 2 point
- F has no point value

Remaining Courses – 4.0 Scale

- A is equal to 4 points
- B is equal to 3 points
- C is equal to 2 points
- D is equal to 1 point
- F has no point value

As of the 2011-2012 school year, the following courses are approved for weighted grades:

Math	English	Social Studies	Science	Fine Arts	Foreign Language
Honors Pre-Calculus	AP English Language and Composition	AP American History	Honors Chemistry	AP Studio Art	French IV
AP Calculus	AP English Literature and Composition	AP European History	AP Physics		German IV
AP Statistics		AP Federal Government AP Psychology	AP Biology		Spanish IV

Class rank is computed for junior and senior students and is available from the counseling department. In calculation of grade point average, only 20 semester courses taken over eight semesters may earn weighted points for an individual student. **Students may not receive weighted credit for courses taken over the summer or independent study courses.** All other courses are 4.0 courses.

Class Rank at End of Junior Year

Any student who has earned 20 credits (4 being weighted courses) and has all A's will be ranked number one.

Class Rank at End of First Semester Senior Year

Any student who has taken 23 credits (7 credits being weighted courses) and has all A's will be ranked number one.

Class Rank at End of Senior Year and Valedictorian

Any student who has taken 20 semester weighted courses and has A's in all of his/her high school course work will be named valedictorian. In this calculation, only 20 semester weighted courses taken over eight semesters can be used. In the event a student has taken more than 20 semester weighted courses, the 20 highest semester weighted grades will be used in the calculation.

In the event there is not a student that has taken 20 semester weighted courses and has A's in all of his/her high school course work, the student with the highest cumulative GPA will be named valedictorian.

Only those courses designated as weighted courses at Rock Island High School shall earn weighted credit for students transferring into Rock Island High School.

Any student with a 4.0 cumulative grade point average will be recognized at the graduation ceremony.

DUAL CREDIT / DUAL ENROLLMENT

In partnership with Black Hawk Community College and Trinity School of Nursing, Rock Island High School juniors and seniors have an opportunity to earn dual credit (high school and college credits). With the exception of the Trinity course, these courses are offered to our students on the high school campus. A student may enroll in the college level classes only after he/she has taken all prerequisites needed for each class. Tuition and other fees are the responsibility of the student and his/her family. Students should check with their counselor at the time of registration for the latest information regarding dual credit classes.

EARLY GRADUATION

Students who wish to graduate a semester early must do the following:

1. Requests for early graduation shall be initiated **during the second semester of the junior year**. Students must have 20.5 entering their senior year in order to qualify.
2. The student shall make his/her written request, which shall include a listing of the reasons for early graduation, to the appropriate counselor.
3. The counselor shall review the request, assess the student's credits, and determine whether early graduation is possible. If the student is eligible for further consideration, the request shall be forwarded to the associate principal with the counselor's recommendations.
4. The principal shall hold a conference with the student and his/her parent/guardian and then approve or deny the request.
5. Students who are granted permission for early graduation are eligible to participate in graduation exercises. An early graduation meeting will be held during first semester of senior year to provide early graduates information regarding graduation and other important dates.

GRADE POINT AVERAGE

Grade point average will be calculated on a uniform 4.0 basis. The maximum possible GPA is 4.0. All courses listed in this catalog are 4.0 courses unless otherwise noted.

	<u>Regular Courses</u>	<u>Quality Points</u>
A=	4.0	5.0
B=	3.0	4.0
C=	2.0	3.0
D=	1.0	2.0
F=	.0	.0

GRADING SYSTEM

Students will receive report cards every nine weeks. First and third quarters, parent/guardians are encouraged to pick them up at conferences. Report cards not picked up at conferences and second and fourth quarters are sent home with students. Parents/guardians who do not see their son or daughter's report card should call and check with the student's counselor. For students failing a course, progress reports are mailed home every three weeks. At the six week point of each grading period, progress reports are mailed home to notify all students and parents/guardians of academic progress. Questions regarding academic performance should be directed to the classroom teacher or counselor.

HONOR ROLL

Rock Island High School has two honor rolls:

Crimson 3.00 - 3.49

Gold 3.50 - 4.00

The honor roll will be calculated on the student's average GPA each quarter and published in the local newspapers.

INDEPENDENT STUDY – See Counselor for Guidelines

Students may apply for permission to take an Independent Study Course based on these reasons: to meet unique educational needs that cannot be met in a regular class offering *or* a scheduling conflict which will not allow a student to take a necessary class. The principal will determine eligibility based on the following guidelines:

1. Students must be at least sophomore standing
2. Students **cannot** complete Independent Study courses to meet graduation requirements.
3. Students will be allowed to take only ONE Independent Study during their high school career.
4. Students must be in good standing at Rock Island High School, and must show good character through honorable dealings with staff, good attendance, lack of tardies, and the absence of disciplinary referrals.
5. Students must demonstrate the ability to work independently. Students must also have demonstrated the initiative and self-discipline that will allow them to be successful with limited assistance from an instructor.

Caution: Independent Study courses will not be awarded weighted credit, and they may not meet NCAA Eligibility Clearinghouse guidelines.

PLATO VIRTUAL ACADEMY

Rock Island High School partners with PLATO Virtual Academy to provide our students with supplemental online learning options. The course offerings are rigorous, proven curriculum delivered through certified online teachers. Students enrolled in these classes will earn Rock Island High School credit. Students should check with their counselor at time of registration for more information.

STUDENT RESPONSIBILITIES

As an incoming student to Rock Island High School, you have the following responsibilities:

- a. To seriously consider and weigh the merits and requirements of each course which you select and commit yourself to meet all requirements of those courses.
- b. To observe all safety precautions while working in laboratories and shops, i.e., wearing of safety glasses, lab aprons, etc.
- c. To purchase any manual(s) or materials depending upon course description and teacher request, and to pay for any damaged equipment, lost books, or excessive use of materials necessary for those courses.

STUDENT SCHEDULES

The normal class load at Rock Island High School is expected to be six courses plus physical education. A student's program selection recommends the joint approval of parents/guardians and a counselor. All courses are .5 of a unit of credit per semester unless the course description states differently. Because of scheduling, lack of enrollment, or teacher availability, a course listed as an elective may not be taught every semester or every year. **Once schedules have been established, student requests for changes will normally not be honored.**

STUDENT SCHEDULE CHANGES

Schedule changes will be made only if an error has been made by school personnel, enrollment numbers are not large enough to offer the course, or it is necessary to allow the student to meet graduation requirements. Changes in a student's schedule may also occur to balance class size.

SUMMER SCHOOL

Rock Island High School offers a limited number of courses in summer school. Students may earn a maximum of one credit per summer. Since each day of summer school is equivalent to four days during the academic year, regular attendance is mandatory. Summer school credit will be calculated into GPA.

WITHDRAWAL FROM A CLASS

Students may withdraw from an elective class the first ten days it is in session, provided they are able to retain five subjects. **Withdrawal from a class beyond the two-week period results in a failure for the semester and the loss of credit.**

Meeting the Needs of Gifted Learners at Rock Island High School

Students identified as gifted may be scheduled into honors and advanced placement (AP) courses at R.I.H.S. based on the following criteria:

Incoming freshmen:

- Standardized test scores
- Grades in middle school courses
- Middle school teacher recommendations
- Continuation of current course placement

For Grades 10-12:

- Teacher recommendation
- Grades in high school courses
- Continuation of current course placement (ie. continuation of the mathematics sequence)

SAMPLE FOUR-YEAR PLANS

Following are some sample four-year plans. Electives should be chosen based upon the student's interests, abilities, and career plans. A student may *not* drop full-year courses at the end of the first semester unless he/she is failing the class, or has the teacher's recommendation.

COLLEGE PREP – HONORS PROGRAM – Class of 2018

9th Grade

1. Honors English 9
2. Honors Integrated Math II
3. Biology
4. Foreign Language I
5. World Studies
6. Physical Education/ROTC
7. Elective (Art/Music/PLTW, C. Concepts)

10th Grade

1. Honors English 10
2. Honors Integrated Math III
3. Honors Chemistry
4. Foreign Language II
5. AP American History
6. Health/Drivers Education
7. Elective (Art/Music/PLTW/VOC)

11th Grade

1. AP English Language and Composition
2. AP Calculus
3. AP Biology/AP Physics/Anatomy
4. Foreign Language III
5. AP Fed. Govt/Consumer Economics
6. Physical Education/ROTC
7. Elective

12th Grade

1. AP Literature and Composition
2. AP Statistics
3. AP Biology/AP Physics/Anatomy
4. Foreign Language IV
5. AP European History
6. Physical Education/ROTC
7. Elective

COLLEGE PREP

9th Grade

1. English 9
2. Integrated Math I
3. Biology
4. Foreign Language I
5. World Studies
6. Physical Education/ROTC
7. Elective/Computer Concepts

10th Grade

1. English 10
2. Integrated Math II
3. Chemistry/Global Biology
4. Foreign Language II
5. American History
6. Health/Driver Education
7. Elective

11th Grade

1. English 11
2. Integrated Math III
3. Physics/Anatomy & Physiology/
4. Foreign Language III
5. Federal Government/Consumer Econ.
6. Physical Education/ROTC
7. Elective (Art/Music/VOC)

12th Grade

1. Contemporary Literature/
English 101 & 102
2. Pre-Calculus
3. Science Elective (AP Biology/
AP Physics)
4. Foreign Language IV
5. Social Studies Elective
6. Physical Education/ROTC
7. Elective

CAREER EDUCATION

The Pathways program is an educational curriculum for the purpose of providing students with the technical and academic skills necessary for college entrance in technical careers and/or the technical knowledge to succeed in the workplace of the future. The Tech Prep curriculum emphasizes a balance between academics and career pathways.

CAREER EDUCATION EMPHASIS

9th Grade

1. English 9
2. Integrated Math I
3. Biology
4. World Studies
5. Physical Education/ROTC
6. Elective/Computer Concepts
7. Career Ed. Elective (Tech/Consumer Science)

10th Grade

1. English 10
2. Integrated Math II
3. Science (Chemistry/Global Biology)
4. American History
5. Health/Driver Education
5. Elective (Art/Music/VOC)
6. Career Ed. Elective

11th Grade

1. English 11
2. Integrated Math III
3. Science Elective
4. Federal Government/Consumer Econ
5. Physical Education/ROTC
6. Elective (Career Specific)
7. Elective (Career Specific)

12th Grade

1. English 12
2. Physical Education ROTC
3. Elective (Career Specific)
4. Elective (Career Specific)
5. Elective (Career Specific)
6. Elective (Career Specific)
7. Elective (Career Specific)

PERSONAL FOUR YEAR WORKSHEET
Graduation Requirements: 24 Credits to Graduate

Year-long Classes: 1.0 Credit

Language Arts – 4 Credits
 Mathematics – 3 Credits
 American History – 1 Credit
 World Studies – 1 Credit
 Science – 2 Credits
 Physical Education – 3 Credits
 Art, Music, Vocational Ed., or Foreign Language – 1 Credit

Semester Classes: 0.5 Credit

Health Education - .5 Credit
 Driver Education - .5 Credit
 Federal Government - .5 Credit
 Consumer Economics - .5 Credit
 Computer Concepts - .5 Credit
 ELECTIVE CREDITS - 6.5 Credits

9TH GRADE COURSES		CREDIT	10TH GRADE COURSES		CREDIT
English 9/Honors English 9		1.0	English 10/Honors English 10		1.0
Math: Int. Math I/Hon. Int. Math II		1.0	Math: Int. Math II/Hon. Int. Math III		1.0
Biology		1.0	Chemistry/Hon. Chemistry/Global Biology		1.0
World Studies		1.0	American History/AP Am. History		1.0
Physical Education/ROTC/M. Band		1.0	Health/Driver's Education		1.0
Spanish I/French I/German I or Elective		1.0	SpanishII/FrenchII/German II or Elective:		1.0
Computer Concepts		.5	Elective:		1.0
Elective:		.5			
TOTAL CREDITS 9 th grade		7.0	TOTAL CREDITS 10 th grade		7.0
<i>6.0 credits earned to be a sophomore</i>			<i>12.0 credits earned to be a junior</i>		
11TH GRADE COURSES		CREDIT	12TH GRADE COURSES		CREDIT
English 11 or AP Language and Composition		1.0	Contemporary Literature/AP English Literature and Composition/English 101 & 102		1.0
Math: Int. Math III/AP Calculus		1.0	Math Elective:		1.0
Science Elective:		1.0	Science Elective		1.0
Consumer Econ.		.5	Elective		1.0
Federal Govt. or AP Fed. Govt.		.5	Elective		1.0
Spanish III/French III/German III or Elective:		1.0	Spanish IV/French IV/German IV or Elective:		1.0
Physical Education/ROTC/M. Band		1.0	Physical Education/ROTC/M. Band		1.0
Elective		1.0			
TOTAL CREDITS 11 th grade		7.0	TOTAL CREDITS 12 th grade		7.0
<i>18.0 credits</i>			<i>24.0 credits earned to graduate</i>		

AVID

Advancement Via Individual Determination

College Preparation Course: This is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students who are accepted in this program are expected to enroll in honors courses. Please inquire with the Freshman Academy Coordinator or your counselor for more information.

AVID I

1.0 Credit

Grade: 9

AVID1

Year Course

AVID2

Prerequisite: Application Process

This is the first course of a 2-year program that prepares students for advanced placement courses in high school and future college level coursework. This class focuses on developing writing, inquiry, collaboration, and reading through the content areas as well as communication, self-advocacy, leadership, and organization/time management skills.

AVID II

1.0 Credit

Grade: 10

AVID3

Year Course

AVID4

Prerequisite: AVID I or Application Process

Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Students will also analyze various documents, in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Students will narrow down their college and careers of interest based on personal interests and goals.

BUSINESS EDUCATION

Course	Credit	Year	Notes/Prerequisites
Business & Technology Concepts	.5/semester	9-12	(May register for one or both semesters.)
Keyboarding I	.5	9-12	None
Computer Concepts I	.5	9-12	Data entry skills suggested
Accounting I	1.0	10-12	None
Accounting II	1.0	11-12	Accounting I
Computer Concepts II	1.0	10-12	Computer Concepts I
Web Page Design I	1.0	10-12	Computer Concepts I
Entrepreneurship and Enterprise	1.0	11	None
Cooperative Work Training	Variable	11-12	Application through counselor AND coordinator Employed by the first day of school
On the Job Training	Variable	11-12	Grade Given by Employer

Business & Technology Concepts

.5 Credit per semester

Grades: 9-12

BUS15

Two Semesters – Students may register for one or both

BUS16 – Second Semester

Prerequisite: None

This orientation-level course will provide an overview of all aspects of business management, marketing and also includes ethics, concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Textbook topics covered will include the various forms of business ownership as well as the basic functions of finance, management, marketing, administration and production. Student activities include a stock market simulation and other computer activities. Students will be introduced to a wide range of careers in various business fields.

Keyboarding I

.5 Credit

Grades: 9-12

BUS17

One Semester

Prerequisite: None

Keyboarding I is a course designed to develop basic skills in touch keyboarding techniques. Students will learn to edit and format documents such as letters, envelopes, memorandums, reports, and tables. Students will also learn to format works cited lists and reports using MLA style. Punctuation and capitalization skills will be reviewed. This class uses the Micro-Type, Checkpro, and Microsoft Word software programs. Students will be introduced to voice input using the voice recognition program Dragon Naturally Speaking. Grades are based on technique, speed and accuracy, tests, warm-ups, and daily work.

Computer Concepts I

.5 Credit

Grades: 9-12

BUS29

One Semester

Prerequisite: Keyboarding Skills Recommended

Computer Concepts I is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business marketing and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications. Specific units of instruction include: word processing, spreadsheet, database applications, presentations/graphics, and integration activities. Data entry skills upon entering high school will greatly assist the student's success in this class.

Accounting I

1.0 Credit

Grades: 10-12

BUS25 – Semester 1

Year Course

BUS26 – Semester 2

Prerequisite: None

Accounting I is a skill level course valuable to all students pursuing a business career. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records. Basic accounting fundamentals and terminology will be stressed. Instruction provides information on keeping financial records for a

proprietorship, a partnership, and a corporation. Students will complete concepts manually using workbook materials. They will also learn to do automated accounting. Practice sets with business papers will be used to emphasize actual business records management.

Accounting II

1.0 Credit

Grades: 11-12

BUS27 – Semester 1

Year Course

BUS28 – Semester 2

Prerequisite: Accounting I

Accounting II builds upon the foundation established in Accounting I using Accounting software. Students will develop a deeper knowledge of the principles of accounting, with more emphasis placed on financial statements and their interpretation. Skills are developed in entry, retrieval, and statistical analysis of business data. Students will become familiar with cost accounting, departmentalized accounting, payroll accounting, and managerial accounting.

This course is articulated with Accounting at Black Hawk College.

Computer Concepts II

.5 Credit

Grades: 11-12

BUS31 – Semester 1

Two Semesters-Students can register for one or both

BUS32 – Semester 2

Prerequisite: Computer Concept I

Computer Concepts II is a skill-level course that includes advanced skills, concepts and terminology related to information processing. Building on the skills developed in Concepts I, students will learn advanced features of the Microsoft Office Suite, digital photography techniques and photo editing. Students will prepare letters, reports, brochures and forms. They will learn to compose rough drafts, correct copy and transmit and receive messages electronically. Students will create data directories and learn file maintenance techniques. Students will learn to locate and retrieve information from hard copy and electronic sources to prepare a variety of business documents. Students will apply proper grammar, punctuation, spelling and proofreading practices. Accuracy will be emphasized. Workplace skills, as well as communication skills will be taught and integrated throughout this course.

Web Page Design I

1.0 Credit

Grades: 10-12

BUS85 – Semester 1

Year Course

BUS86 – Semester 2

Prerequisite: Computer Concepts I

Web Page Design I is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors (including Dreamweaver), and graphic editors, as well as programming tools such as JavaScript. Students will work in a project-based environment to create working websites. Students will use image editing programs to enhance websites.

Entrepreneurship and Enterprise

1.0 Credit

Grade 11

BUS89 – Semester 1

Year Course

BUS90 – Semester 2

Prerequisite: None

This course is designed to get students excited about becoming true entrepreneurs. Students will have the opportunity to create and fully develop their own product or service. Real-world entrepreneurs and business experts will serve as coaches and mentors guiding student teams through the process of ideation, market research, and business plan development. Over the course of the year, student teams will learn about marketing, accounting, human resources, as well as the legal aspects of running a business to get them geared up for Pitch Week. Pitch Week helps to further fire the entrepreneurial spirit by putting student teams in front of actual investors to pitch their innovative ideas.

Cooperative Work Training (CWT)

Varied Credit

Grades: 11-12

BUS43 – Semester 1

Year Course

BUS44 – Semester 2

Prerequisite: Application through Counselor AND Coordinator AND Employed by 1st Day of School

This course prepares students to enter today's workforce by focusing on practical career planning, employer/employee relations, money management, and computer skills. Students will combine one half-day of on-the-job training in a local business or industry and one half-day of study in school. Cooperative Work Training

includes a variety of work training stations and is not limited to one particular field. Transportation to the job site is the responsibility of the student. Participation and support of Co-op activities are expected, including payment of dues and signing an attendance contract.

On the Job Training (OJT)

Varied Credit

**Grades: 11-12
Year Course**

BUS03 (Periods 5-7) Semester 1

BUS04 (Periods 5-7) Semester 2

BUS05 (Periods 6-7) Semester 1

BUS06 (Periods 6-7) Semester 2

BUS07 (Period 7) Semester 1

BUS08 (Period 7) Semester 2

Prerequisite: Student must be enrolled in a CWT class

OJT is the credit earned for working. Students will attend one half-day in school and one-half day of on-the-job training supervised by the teacher-coordinator. Students must work a minimum 15 hours per week at a coordinator approved site. If a student misses more than 9 days of school in a semester, he or she will receive an F for OJT. Exceptions to attendance include: field trips and physician notes. All participants will pay dues. If a student loses a job, he or she will have two weeks to find other employment or they will be placed in study hall during scheduled OJT classes and risk failing.

DRIVER EDUCATION

DRIVER EDUCATION

.5 Credit

Grades: 10-12

Prerequisite: Students must be a sophomore in good standing (6 credits) AND

One Semester

DRED1 Sem 1 Must be 16 years of age on or before January 31st

DRED2 Sem 2 Must be 16 years of age on or before August 31st

DRED3 Behind the Wheel – Semester 1

DRED4 Behind the Wheel – Semester 2

Driver Education is a one-semester course involving a three-phase program. Students enrolled will be participating in classroom simulator and street instructional phases at the same time.

The classroom phase is a study of textbook material, state curriculum guides, and other resources pertinent to the safe operation of the automobile. **This phase is required of all students.**

Street instruction consists of at least three hours of behind the wheel in a specially equipped driver education car. (Final requirements of hours based on waiver). Simulation instruction requires 12 hours in a simulator.

Rock Island High School is a participant in the Illinois state-testing program. If a student earns a grade of B or higher in the classroom phase and passes the performance test behind the wheel, the State Examiner's road test will be waived (subject to State Examiner's spot check dates).

Students passing Driver Education will receive .5 credits. Students are required to pay the Illinois license fee (currently \$20.00). A fee will be charged for the Behind the Wheel instruction (currently \$100.00). **Course fees are subject to change, due to State legislation.**

ENGLISH LANGUAGE LEARNERS

Courses	Credit	Year	Notes/Prerequisites
English I	1.0	9-12	
ELL Study Skills I/II	1.0	9-12	Placement in English I or English II
English II	1.0	9-12	English I or Teacher Placement
English III	1.0	9-12	English II or Teacher Placement
Eng IV	1.0	9-12	English III or Teacher Placement
ELL Study Skills III/IV	1.0	9-12	Teacher Placement
Math I	1.0	9-12	
Math II	1.0	9-12	Math I or Teacher Placement
Math III	1.0	9-12	Math II or Teacher Placement
Biology I	1.0	9-12	
Global Biology	1.0	10-12	
American History	1.0	9-12	
World Studies	1.0	9-12	
Federal Government	.5	9-12	
Consumer Economics	.5	9-12	

English I

1.0 Credit

Grades: 9-12

ELL 1 – Semester 1

Year Course

ELL 2 – Semester 2

Prerequisite: Placement in this class is based on recommendations of ELL teachers.

This class offers intensive English instruction for students with limited English proficiency. This beginning ELL course is designed for students who need intensive assistance developing listening, speaking, reading and writing skills. Students receive both English and an elective credit for this course. Students exit from this course based on ACCESS test scores and teacher recommendation.

ELL Study Skills I/II

1.0 Credit

Grades: 9-12

ELL1S – Semester 1

Year Course

ELL2S – Semester 2

Prerequisite: Concurrent enrollment in English I or English II

This class is designed for student with limited English proficiency enrolled in English I or English II to help develop a wide variety of academic study skills. Students are expected to be working on developing their academic content knowledge as well as English language skills throughout the course. A wide variety of methods will be used ranging from direct instruction for effective study habits to assisting students in all academic areas. This is a pass/fail course.

English II

1.0 Credit

Grades: 9-12

ELL 3 – Semester 1

Year Course

ELL 4 – Semester 2

Prerequisite: Placement in this class is based on recommendations of ELL teachers.

This course continues to build upon the skills students develop in ELL I. This intermediate course focuses on students who are beginning to expand their English language skills. Students exit from this course based on ACCESS scores and teacher recommendation.

English III

1.0 Credit

Grades: 9-12

ELL 5 – Semester 1

Year Course

ELL 6 – Semester 2

Prerequisite: Placement in this class is based on recommendations of ELL teachers.

Students may have mastered basic interpersonal communication skills (BICS), but their cognitive academic language proficiency (CALP) continues to place them at a disadvantage in content area classes taught in English. This course emphasizes expanding students English language skills so that they may transition out of ELL classes completely. Exit criteria are based on ACCESS test scores and teacher recommendation.

English IV ELL7 – Semester 1 ELL8 – Semester 2	1.0 credit	Grades: 9-12 Year Course
Prerequisite: Placement in this class is based on recommendations of ELL teachers.		
Students may have mastered basic interpersonal communication skills (BICS), but their cognitive academic language proficiency (CALP) continues to place them at a disadvantage in content area classes taught in English. This course emphasizes expanding students English language skills so that they may transition out of ELL classes completely. Exit criteria are based on ACCESS test scores and teacher recommendation.		
ELL Study Skills III/IV ELL3S – Semester 1 ELL4S – Semester 2	1.0 credit	Grades: 9-12 Year Course
Prerequisite: Placement in this class is based on recommendations of ELL teachers.		
This class is designed to aid students who have limited English ability to assist in developing academic study skills. Students are expected to be working on developing their academic content knowledge as well as English language skills throughout the course. This is a pass/fail course.		
Federal Government ELL19	.5 Credit	Grades: 9-12 One Semester
Prerequisite: Placement in this class is based on recommendations of ELL teachers.		
This class allows students with limited English language skills to study the American political system while enhancing English language skills. Areas of study will include the legislative, executive, and judicial branches of government, campaigns and elections, the naturalization test, and the Constitution. A variety of activities are used for instruction.		
Consumer Economics ELL20 – Semester 1	.5 Credit	Grades: 9-12 One Semester
Prerequisite: Placement in this class is based on recommendations of ELL teachers.		
This course provides students of limited English proficiency content instruction in consumer economics as well as additional English support. Students in this course will look at the basic principles of economics and the application to student’s daily lives. Students will explore the roles of consumers, business, and government. This class prepares students to make good economic choices in their lives.		
World Studies ELL23 - Semester 1 ELL24 – Semester 2	1.0 Credit	Grades: 9-12 Year Course
Prerequisite: Placement in this class is based on recommendations of ELL teachers.		
World Studies is a required course that focuses on major events and themes in the world from prehistory to the present with English language support. Students will consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government on human events from multiple regions and time periods and link that comprehension with the English language. The course especially emphasizes the historical background of major problems in the world today.		
American History ELL18 – Semester 1 ELL21 – Semester 2	1.0 Credit	Grades: 9-12 Year Course
Prerequisite: Placement in this class is based on recommendations of ELL teachers.		
US History focuses on combining the standards and goals of American History with English language support. This course helps students understand major policies and events in U.S. History and link that comprehension with the English language. A wide variety of activities are used to develop these skills.		
Biology I SCIA - Semester 1 SCIB - Semester 2	1.0 Credit	Grades: 9-12 Year Course
Prerequisite: Placement in this class is based on recommendations of ELL teachers.		
This introductory course provides instruction in the basic structure and function of living organisms. Student will investigate these concepts through a variety of classroom and laboratory activities. This course develops student’s critical thinking skills and supports students English language development by providing a link between conversational competency and academic language.		

Global Biology
SCIC – Semester 1
SCID – Semester 2

1.0 Credit

Grades: 10-12
Year Course

Prerequisite: Placement in this class is based on recommendations of ELL teachers.

This yearlong course focuses on the relationship between humans and their environment. This class uses a variety of classroom and lab activities for instruction. Students study ecosystems and various environmental issues. Although a different course, this class continues to build upon the student's academic language developed in Biology I.

Math I

1.0 Credit

Grades: 9-12
Year Course

ELL 9 – Semester 1
ELL 10 – Semester 2

Prerequisite: Placement in this class is based on recommendations of ELL teachers.

This course is the first in a sequence for students needing additional assistance in math. Topics include positive and negative integers, multiplication and division, simple fractions and an introduction to variables. Students in these classes receive English language support and are introduced to academic language and critical thinking skills that will benefit them in all classes.

Math II

1.0 Credit

Grades: 9-12
Year Course

ELL 11 – Semester 1
ELL 12 – Semester 2

Prerequisite: Placement in this class is based on recommendations of ELL teachers.

This is the second course in the sheltered math sequence. This course builds upon the skills of Math I and further prepares students for more advanced math. Topics in this course include proportions, working with more complex fractions, and basic equations. Students will continue to build their academic vocabulary and critical thinking skills in this course.

Math III

1.0 Credit

Grades: 9-12
Year Course

ELL 15 – Semester 1
ELL 16 – Semester 2

Prerequisite: Placement in this class is based on recommendations of ELL teachers.

This course represents the final step in the sheltered math sequence. Topics in this course include evaluating expressions, solving equations, and an introduction to the quadratic formula. Students receive the necessary instruction in English, academic language and critical thinking so that they can be successful in other mathematics courses.

ENGLISH

Courses	Credit	Year	Notes/Prerequisites
English 9	1.0	9	None
English 9 Lab	.5	9	Refer to course description
Honors English 9	1.0	9	Refer to course description
English 10	1.0	10	None
*Honors English 10	1.0	10	C- or higher in Honors English 9 or teacher recommendation.
English 11	1.0	11	None
*AP English Language and Composition	1.0	11	C- or higher in Honors English 10
Journalism	1.0	11-12	Elective
Black Literature	.5	11-12	Elective
Creative Writing	.5	11-12	Elective
Contemporary Literature 12	1.0	12	None
*AP English Literature and Composition	1.0	12	C- or higher in Honors English 11
English 101 BHC Dual Credit	.5	12	ACT English score of 22 or higher or COMPASS score of 6 or higher
English 102 BHC Dual Credit	.5	12	English 101
Principals of Speech Communication BHC Dual Credit	.5	12	Enrollment in BHC Dual Credit Program

English at Rock Island High School consists of a four-year program of challenge and achievement through the study of literature and the communication arts. Students take a prescribed series of core courses in reading, literature, writing, and speaking. Four years of English credit are required for graduation from Rock Island High School. Please see your counselor to make arrangements to complete all required English courses if you are planning to graduate early.

NINTH GRADE	TENTH GRADE	ELEVENTH GRADE	TWELFTH GRADE
REQUIRED: English 9 or Honors English 9	REQUIRED: English 10 or Honors English 10	REQUIRED: English 11 or AP English Language and Composition	REQUIRED: Contemporary Literature 12, A.P. English Literature and Composition or English 101 & 102
ELECTIVE: English Lab		ELECTIVES: Journalism Black Literature Creative Writing	ELECTIVES: Journalism Black Literature Creative Writing

English 9

ENGF3 – Semester 1

ENGF4 – Semester 2

Prerequisite: None

1.0 Credit

Grade: 9

Year Course

All ninth grade students are required to pass a comprehensive, full-year English course. The course will focus on the development of students' reading skills through the reading of classic and contemporary literature as well as contemporary non-fiction. Students will also study grammar, usage, vocabulary and writing.

English LAB 9 .5 Credit **Grade: 9**
 ENGF5 – Semester 1 **One Semester**
 ENGF6 – Semester 2
Prerequisite: Teacher recommendations and previous English grades. English 9 Lab is taken in addition to their English class.
 This course will provide additional skill building support for those students who need assistance in reading, writing, and grammar skills.

Honors English 9
 ENGF1 – Semester 1 **1.0 Credit** **Grade: 9**
 ENGF2 – Semester 2 **Year Course**
Prerequisite: Teacher recommendation and grade of C or higher in previous English course.
 This class is a year-long course offered to academically accelerated 9th grade students. The course will help students develop more mature communication skills and will acquaint them with the life-enriching benefits of the study of literature. Students will also study grammar, usage, vocabulary and writing.

***Note: In order to stay in the Honors English program, students must maintain a semester grade of C-.**

English 10 **1.0 Credit** **Grade: 10**
 ENG11 – Semester 1 **Year Course**
 ENG12 – Semester 2
Prerequisite: None
 All sophomores must pass this course which focuses on the development of writing skills. Students will be expected to utilize the writing process to compose essays in a variety of genres. Additionally, students will develop reading skills through the study of novels, plays, short stories, and non-fiction. Students will continue to study grammar and usage.

***Honors English 10** **1.0 Credit** **Grade: 10**
 ENG15 – Semester 1 **Year Course**
 ENG16 – Semester 2
Prerequisite: C- or higher in Honors English 9 or teacher recommendation
 This class is a year-long course offered to academically accelerated 10th grade students. Students will investigate different types of world literature and, through analysis, come to an appreciation of different world philosophies. Students will utilize the writing process to compose essays in a variety of genres, including the research paper. Grammar and usage skills will be incorporated into daily lessons.

English 11 **1.0 Credit** **Grade: 11**
 ENG61 – Semester 1 **Year Course**
 ENG62 – Semester 2
Prerequisite: None
 All juniors must pass this year-long course that is a study of American literature and college preparatory composition. Development of writing skills will include: arguments, short stories, literary analysis, college application essays, and a processed research paper. Additionally, students will prepare for the reading and English portions of the ACT test.

***AP English Language and Composition** **1.0 Credit** **Grade: 11**
 ENGAP1 – Semester 1 **Year Course**
 ENGAP2 – Semester 2 **5.0 Weighted Credit**
Prerequisite: C- or higher in Honors English 10 or teacher recommendation
 The AP English Language and Composition course is modeled after college freshman rhetoric and composition courses. AP English Language, therefore, emphasizes reading, critical analysis, and literature study and appreciation. Literature (primarily nonfiction) from various eras and genres such as humanities, biography, philosophy, history, and political science will be studied. Students will also study visual rhetoric such as photographs, advertisements, and political cartoons. Focus will be on various modes of discourse and will require

students to understand audience, purpose, tone, context, and style. Students must come into the class expecting an intensive writing experience.

AP English is a year-long course. Students enrolled in these classes are expected to take the AP exams in May and are expected to remain in the course for the entire year unless they earn a semester grade of C- or lower at the semester. Teacher, parent, and administrative approval are required to drop this course.

Contemporary Literature 12

1.0 Credit

**Grade: 12
Year Course**

ENG45 – Semester 1

ENG46 – Semester 2

Prerequisite: None

In this one-year course, students will read, write, speak, and think critically. The course will include the study of contemporary British and world literature in a variety of genres including lyric poetry, fiction, cultural studies, modern drama, and modern short stories and novels. Students will complete a research project. Additionally, students will use research skills and MLA format for written and oral projects.

***AP English Literature and Composition**

1.0 Credit

**Grade: 12
Year Course
5.0 Weighted Credit**

ENGAP3 – Semester 1

ENGAP4 – Semester 2

Prerequisite: C- or higher in Honors English 11

In A.P. Literature and Composition, students must read, write, and speak at advanced levels. British poetry and prose, studied chronologically, brings students to understand the development of modern English literature and language. Writing focuses mainly on exposition, with emphasis on process, content, clarity, and form. Students will do extensive outside reading and present oral reports each quarter. Additionally, students use research skills and the MLA format for written and oral projects. The literature and writing content of this year-long course helps prepare students for the A.P. Literature and Composition exam in May.

Students enrolled in these classes are expected to take the AP exams in May and are expected to remain in the course for the entire year unless they earn a semester grade of C- or lower at the semester. Teacher, parent, and administrative approval are required to drop this course.

English 101 – BHC Dual Credit

0.5 Credit

**Grade: 12
One Semester
3 BHC Credits**

BHC5-Semester 1

Prerequisite: ACT English score of 22 or higher or COMPASS score of 6 or higher

English 101, Composition I, is the first of two semesters of writing instruction intended to prepare students for the advanced writing activities they will encounter in their college coursework. Students will practice a variety of writing modes common to the college level. The course will be organized around discussion of important cultural and social issues and will include written responses to essays, non-fiction books, and film.

Class work will include the practice of organizing and composing formal and informal compositions utilizing various rhetorical strategies. Instructional focus will be on various modes of discourse and will require students to understand audience, purpose, tone, context, and style. Students will be expected to produce a number of quality works in the form of researched and documented essays, short essays, reading responses, and literary analyses and critiques. Students should expect to produce, in final form, a total of approximately 4,500 words during the course.

English 102 – BHC Dual Credit

0.5 Credit

**Grade: 12
One Semester
3 BHC Credits**

BHC6- Semester 2

Prerequisite: Successful completion of English 101

English 102, Composition II, is the second of two semesters of writing instruction designed to prepare students for the advanced writing activities they will encounter in college courses. In English 102, the instruction and writing practice are structured to develop the thinking and reasoning skills needed to communicate effectively in writing, particularly with regard to composing written arguments. The organization of the course provides students with the opportunity to discuss, orally and in writing, a variety of cultural and social issues, and will include written responses to essays, non-fiction books, and film.

Students will be evaluated primarily on the basis of at least 4,500 words, total, in final draft assignments. These will include four 750-word arguments, and a researched essay of at least 1,500 words. In addition, an exam on the

writing process, terms of argument, logical fallacies, conventions of Standard English, and MLA style will be given at the conclusion of the course.

Grade 11 and 12 Electives

In addition to required English classes, juniors and seniors have an opportunity to select from a series of English classes that best take into consideration their interests, abilities and future plans.

Journalism

1.0 Credit

Grades: 11-12

ENG81

Year Course

ENG82

Students will study the methods, ethics, and fundamentals of journalistic writing. They will write and edit news, features, and sport stories, along with editorials and writing for the yearbook. Students will be introduced to and utilize desktop publishing for production. Students will do all of the writing, photography, designs, and layouts for the two publications, the school newspaper, *The Crimson Crier*, and the school yearbook, *The Watchtower*.

Black Literature

.5 Credit

Grades: 11-12

ENG59

One Semester

This course, which aims to broaden students' knowledge and appreciation of Black/African literature, surveys the history and literature of African-American people from their African background to the present. The course concentrates on the literature, but includes the music and the art that contributed to each period of African-American cultural history. Students will be writing essays in response to readings.

Creative Writing

.5 Credit

Grades: 11-12

ENG90

One Semester

This course offers writing experience with the short story, poetry, play, informal essay, drama, and autobiography. It will help students develop creative thinking. Class time will be used in writing, revising, reading students' work, and conferring with the teacher, as well as reading and analyzing examples of various literary genres.

Principles of Speech Communication

0.5 Credit

Grade: 12

BHC Dual Credit

Elective Credit

One Semester

SPCH101

3 BHC Credits

Prerequisite: Enrollment in BHC Dual Credit Program

The oral communication course combines communication theory with the practice of oral communication skills. This oral communication course: (1) develops awareness of the communication process; (2) provides inventional, organizational, and expressive strategies; (3) promotes understanding of and adaptation to a variety of communication contexts; and (4) emphasizes critical skills in listening, reading, thinking and speaking.

FAMILY & CONSUMER SCIENCE CURRICULUM

Courses	Credit	Year	Notes/Prerequisites
Child Growth and Development	.5	9-12	None
Child Care I	.5	9-12	Child Growth and Development
Child Care II	.5	10-12	Child Care I
Child Care III	2.0	12	Child Care I and II
Foods & Nutrition I	.5	9-12	None
Foods & Nutrition II	.5	10-12	Foods & Nutrition I
Culinary Arts	.5	11-12	C or higher in Foods & Nutrition I and II
Clothing & Textiles I	.5	10-12	None
Clothing & Textiles II	.5	10-12	Clothing and Textiles I

Child Growth and Development

.5 Credit

Grades: 9-12

HOM17

One Semester

Prerequisite: None

This course emphasizes knowledge and understanding of the intellectual, physical, social and emotional development of children through age one. The content includes decision-making and goal setting skills, information to meet children's adequate clothing needs, food and nutrition needs and motor skills development. Practicing health and safety standards for children is stressed. The student has an opportunity to take home a real care baby that simulates a parenting experience. Information related to careers in child, day care and education services are incorporated throughout the course.

Child Care I

.5 Credit

Grades; 9-12

HOM05

One Semester

Prerequisite: Child Growth and Development

This course is a continuation of child development that empathizes experiences, which help students gain knowledge and understanding of the intellectual, physical, social and emotional development of children from the ages of two through six years old. The course content includes meeting children's needs, of food and nutrition, clothing and shelter, encouraging human relations in children, and evaluating family and career changes in relation to impact on children. Information related to careers in child care is incorporated throughout the course.

Child Care II

.5 Credit

Grades: 10-12

HOM07

One Semester

Prerequisite: Child Growth and Development and Child Care I

Child Care II is a course that deals with the care and understanding of children. Students will learn about childcare careers and gain skills needed for personal needs and professional employment in a variety of childcare programs. Students will work with the children either within the school or through a lab experience outside of the school.

Foods and Nutrition I

.5 Credit

Grades: 9-12

HOM01

One Semester

Prerequisite: None

This course includes the basic classroom and practical experiences needed to develop a knowledge and understanding of basic food principles and nutrition. Course content includes the following basic skills: food preparation management using the decision-making process; meeting foundational needs by applying nutrition concepts; meeting health and safety needs in planning, preparing, and serving food; promoting hospitality in food practices; and analyzing individual and family nutritional needs.

Foods and Nutrition II
HOM03

.5 Credit

Grades: 10-12
One Semester

Prerequisite: Foods and Nutrition I

This course is the second level of the study of foods. It centers on food selection and preparation. Laboratory sessions are devoted to preparation of foods with specific characteristics. Course content includes the following: Careers in foods and nutrition, influence of food customs, diet and health, current food issues and special food needs. Food safety, sanitation, purchasing, conservation and preservation are also studied.

Culinary Arts
HOM31

.5 Credit

Grades: 11-12
One Semester

Prerequisite: C or higher in Foods and Nutrition I and II classes

This course is the most advanced study of the science of cooking. The course is designed to provide students interested in a career in food service, information and practical experience in management with an emphasis on food service and hospitality occupations. Topics of study include: sanitization and safety, food costing, portion control, standardized recipes, preparation of cultural foods, garnishes, decorated baked goods.

Clothing and Textiles I
HOM09

.5 Credit

Grades: 10-12
One Semester

This course is designed to teach students basic clothing construction techniques. Students will learn to select a pattern and fabric according to their figure types and pattern size. Students will become skilled in the operation of the sewing machine and other small equipment for clothing construction and maintenance. Fabric, pattern and other required materials are to be supplied by the student. Sewing supplies (or kits) may be purchased from school or any local fabric store. Students can also bring sewing supplies from home.

Clothing and Textiles II
HOM10

.5 Credit

Grades: 10-12
One Semester

This course includes the study of fashion, fabrics and wardrobe planning. It is designed to develop additional skills in clothing construction and clothing design. Career opportunities related to the apparel, textiles and fashion industries will also be explored. A sewing kit that includes shears, scissors, seam ripper, straight pins, pincushion, and sewing needles are required. Sewing supplies (or kits) may be purchased from school or any local fabric store. Students can also bring sewing supplies from home.

FINE ARTS CURRICULUM

Courses	Credit	Year	Prerequisites
Theatre Arts I	.5	9-12	
Theatre Arts II	.5	9-12	C or higher in Theatre Arts I recommended
Theatre Arts III	.5	10-12	C or higher in Theatre Arts II recommended
Music Theory	.5	11-12	Must be involved in Music Program
Music Appreciation-BHC Dual Credit	.5	11-12	Enrollment in BHC Dual Credit Program
Marching Band I	.5	9-12	Enrollment in band both semesters of previous year or private lessons previous year
Concert Band (Fall)	.5	9-12	Enrollment in band both semesters of previous year or private lessons for the previous year
Concert Band (Spring)	.5	9-12	Enrollment by audition or approval of instructor
Symphonic Band	.5	10-12	Enrollment by audition only
Jazz Band	.5	9-12	Concurrent enrollment in band, orchestra, or choir for 1 year.
Orchestra	1.0	9-12	Previous experience in playing a stringed instrument or approval by instructor.
Concert Choir	1.0	9-12	None
Symphonic Choir	1.0	9-12	Audition
Chamber Choir	1.0	9-12	Audition
Art Forms	.5	9-12	None
Art Studio I	.5	9-12	Art Forms
Art Studio II	.5	10-12	Art Studio I
AP Studio Art	1.0	11-12	Art Studio II and teacher permission
Ceramics I	.5	10-12	None
Ceramics II	.5	10-12	C in Ceramics I recommended

DRAMATIC ARTS PROGRAM

Theatre Arts I

.5 Credit

Grades: 9-12

ART21

One Semester

Prerequisite: None

Theater Arts I provides opportunities for students to explore theatre skills and techniques. Students will learn the fundamentals of theatre through various texts, daily activities, and projects, including the creation and performance of short scenes and ensemble acting.

Theatre Arts II

.5 Credit

Grades: 9-12

ART23

One Semester

Prerequisite: Theatre Arts I

Theatre Arts II provides opportunities for students to acquire new skills and understandings such as writing, producing, and directing plays, while enhancing and developing previously acquired experience in Theater Arts I. Topics also include the role and development of theatre in society. The course uses a variety of texts, daily activities, projects, tests, and performances.

Theatre Arts III

.5 Credit

Grades: 10-12

ART25

One Semester

Prerequisite: Theatre Arts I & II

Theater Arts III provides opportunities for students to advance themselves in the following areas: improving established techniques, expanding students' exposure to different types of theatrical techniques and traditions, and

increasing their chances of participating in public productions. This course may also provide a discussion of career opportunities in the theater.

MUSIC PROGRAM

The music program includes instruction in non-performance and performance classes. The non-performance classes are Music Theory and Music Appreciation / History. Performance classes are Instrumental Music (Marching Band, Concert Band, Jazz Band and Orchestra) and Vocal Music (several choirs from which to choose). The performance classes also include study of theory and appreciation / history. **Certain music classes may require the purchase of a textbook.**

Non-Performance Classes

Music Theory .5 Credit **Grades: 11-12**
ART39 **One Semester**

Prerequisite: Must be involved in the music program

Music Theory requires that a student have an understanding of basic music. They must already be capable of reading music. This class is for students who maybe considering majoring in music in college or furthering their musical knowledge beyond the basics.

Music Appreciation – BHC Dual Credit .5 Credit **Grades: 11-12**
ART40 **One Semester**
3 BHC Credits

Prerequisite: Enrollment in BHC Dual Credit Program

This course is designed to acquaint students with the various periods of musical composition and performance. No previous musical training is required. It would be beneficial to all students, especially those involved in other music classes, those planning music as a career, and those attending a college / university in liberal arts.

Performance Classes

INSTRUMENTAL MUSIC PROGRAM

The Instrumental Music Program includes instruction in small and large group performance and solo and ensemble in the areas of winds, strings, and percussion. Large group performance includes the orchestra and bands (concert, marching, pep and jazz). Individual and /or small group performance includes experience in solo preparation, duets, trios, and experience in Instrumental Music.

Marching Band I .5 Credit **Grades: 9-12**
ART31 **One Semester**

Prerequisite: Enrollment in band both semesters of previous year OR (Fall) Private lessons the previous year

Placement of students in the marching band is subject to the discretion of the director based on audition, enrollment, and/or performance.

Marching Band (Marching, Concert band) is available to 9-12 grade students who have previous experience playing an instrument, or are members of the color guard. The program includes the exploration, preparation, and performance of music written for bands and wind ensembles. All students will participate in a Marching Band camp held at the high school in July and Fall Break; as well as all Marching Band related activities, which take place during first semester. The band will rehearse concert band material throughout the semester. Course requirements include performance in all concerts and special events. All students enrolled in band will participate in pep band performances for basketball games. Students have the option to audition for the IMEA All-District band.

Concert Band (Fall)
ART29

.5 Credit

Grades: 9-12
One Semester

Prerequisite: Enrollment in band both semesters of the previous year OR private lessons for a year. Private lesson students must audition for the directory by the end of February.

Concert Band is available to students who have previous experience playing a wind or percussion instrument and prefers not to perform in marching band. The program includes the exploration, preparation, and performance of music written for bands. Course requirements include performance in all concerts and special events, sectionals, and rehearsals, and other appearances of the band. All students enrolled in band will participate in pep band performances and basketball games. Students enrolled in band are also eligible to enroll in the jazz band class. Band students have the option to audition for the IMEA All-District Band.

Concert Band (Spring)
ART30

.5 Credit

Grades: 9-12
One Semester

Prerequisite: Enrollment by audition

Concert band is the mid-level band at the high school. In order to be in this band a student must audition in the spring and be selected. The band performs 2 times in the spring semester. Those students who may never been in band before may be accepted in this band with instructor's approval.

Jazz Band

.5 to 1.0 Credit

Grades 9-12
May enroll for one year

ART27 – Semester 1
ART28 – Semester 2

Prerequisite: Concurrent registration in Band, Orchestra, or Choir (guitar, electric bass, and piano require Director's approval)
Enrollment in band the previous year OR
Private lessons for the previous year

Jazz band, as a class and performing group, includes the exploration, preparation, and performance of the various styles of the musical art known as jazz. Course requirements include performances at concerts, festivals, and other special events. Students will explore transposition, notation, improvisation, and composition of jazz music. You must be enrolled in a performing arts class in order to participate.

Symphonic Band
ART32

.5 Credit

Grades: 10-12
One Semester

Prerequisite: Enrollment by audition

Students not previously enrolled in a band class must have private lessons to be eligible for approval.

Symphonic band is the top-level band at the high school. In order to be in this band, a student must audition in the spring and be selected for this band. The band performs three times in the spring semester. Participation in concert festival is required.

Orchestra

1.0 Credit

Grades: 9-12
Year Course

ART41 – Semester 1
ART42 – Semester 2

Prerequisite: Previous experience in playing a stringed instrument
Wind and percussion players for full orchestra are selected from Band.

Orchestra, as a class and performing group, is designed to increase playing abilities and knowledge of string and orchestra literature as well as basic musical knowledge. It will include outside of class performances and opportunities for small group ensembles. Students will explore string technique, composers, and other orchestra works.

VOCAL MUSIC PROGRAM

The vocal music program provides students the opportunity for performance in a choir, as well as instruction in sight-reading and theory. The beginning singer or non-singer is taught technique and beginning theory in Concert Choir. Midway through the year, all students are tested on their skills and those who have achieved success may advance throughout the year in all choirs for optional solo/ensemble work, as well as festivals and competition.

Concert Choir
ART35 – Semester 1
ART36 – Semester 2
Prerequisite: None

1.0 Credit

Grades: 9-12
Year Course

Open to all students 9-12 who are interested in learning how to sing in a choir. Intended for beginning music students since much time is spent on choral techniques and fundamentals of reading music. Students in the class should possess a teachable attitude and be able to practice self-discipline. There will be an average of one required concert performance each quarter.

Symphonic Choir
ART37 – Semester 1
ART38 – Semester 2
Prerequisite: Audition

1.0 Credit

Grades: 9-12
Year Course

Students who have experience in Band, Choir, or Orchestra are strong candidates. This is an auditioned choir of male and female singers who perform a variety of choral music. Time is spent to continue development of choral techniques and music reading skills. Two more concerts per semester plus opportunities to participate in state contests and festivals. Symphonic Choir periodically combines with Chamber Choir to form a larger group for performances. This course requires some rehearsals and performances beyond the school day, including sectional rehearsals at 7 AM in August/September and February/March to prepare for state-level festivals and contests.

Chamber Choir
ART45 – Semester 1
ART46 – Semester 2
Prerequisite: Student must audition for instructor.

1.0 Credit

Grades: 9-12
Year Course

This course enables students to develop performance techniques and proficiency in group and solo situations and to develop creativity through the study of appropriate and varied choral literature. Music reading ability is very important, as students must be able to learn a large amount of music in a short amount of time. Chamber Choir is a highly regarded performing group, not only in our district but also throughout the Quad Cities region. As such, this course will require many extra rehearsals at 7 AM in August/September and February/March to prepare for state-level festivals and contests. Private lessons are highly encouraged but not required. Auditions are conducted in the spring for the following school year. Class size is limited to 16-24 members. Students in Chamber Singers should plan to audition for IMEA District Festival in the fall and will prepare a solo and/or ensemble for the Solo & Ensemble Contest in the spring.

VISUAL ARTS PROGRAM

Six courses in art are offered over an eight-semester period in a sequential order. All courses are one semester in length.

Art Forms
ARTS1
Prerequisite: None

.5 Credit

Grades: 9-12
One Semester

Art Forms is a semester art class in which the art student is introduced to the high school art complex. This class also stresses the elements and principles of art and art theory. It also provides an opportunity for the student to become acquainted with the various facilities of the art department. The class will cover drawing basics including still life and human figure drawing as well as transforming line drawings into three dimensional drawings.

Art Studio I
ARTS5
Prerequisite: Art Forms

.5 Credit

Grades: 9-12
One Semester

This class includes skill practice in two-dimensional art, with each skill involved along with the appropriate terminology. Students incorporate the skills and terms used in their practice to create a finished product.

Art Studio II**.5 Credit****Grades: 10-12****ARTS7****One Semester****Prerequisite: Art Studio I**

Art Studio II is a course, which allows students to pursue their talents by the use of both contracted and directed art projects. With a teacher's recommendation, the serious art student may be allowed to register for more than one Art Studio II class per semester, if his/her schedule permits.

AP Studio Art**1.0 credit****Grades: 11-12****ART19 – Semester 1****Year Course****ART20 – Semester 2****5.0 Weighted Credit****Prerequisite: Art Studio II and teacher permission, grades of C- or better are recommended**

AP Studio Art is a course to provide insight and preparation for professional art school or college. Students will survey the history of art and will prepare a portfolio for college or professional art.

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. This portfolio is intended to address two-dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. Students will be expected to submit a portfolio in the spring.

Ceramics I**.5 Credit****Grades: 10-12****ART13****One Semester****Prerequisite: Art Forms**

This course will introduce students to several hand-building methods of clay construction such as slab, coil, pinch, and inverted drape. A variety of decorative methods will be demonstrated as well as glazing techniques. Each student will design his/her own unique constructions. The kick wheel and electric wheel will also be demonstrated. Knowledge of the art elements and principles will be translated into three dimensional work in the clay.

Ceramics II**.5 Credit****Grades: 10-12****ART15****One Semester****Prerequisite: C or higher in Ceramics I is recommended**

This course is designed for the student that enjoys working with clay. Discussions and demonstrations will be given prior to all projects. Students will expand on their hand-building, wheel throwing, clay design, and glazing experiences. All projects will be critiqued and photographed. Projects are self-regulated and students will work independently in a studio environment.

MATHEMATICS CURRICULUM

Course #	Courses	Credit	Year	Prerequisites
MATF3&F4	Integrated Math I	1.0	9-10	See Placement Criteria Under Listing for this course
MATH5 & 6	Integrated Math II		10-12	See Placement Criteria Under Listing for this course
MATH7 & 8	Honors Integrated Math II	1.0	9	See Placement Criteria Under Listing for this course
MATH9 & 10	Integrated Math III	1.0	11-12	Integrated Math II
MATH11 & 12	Honors Integrated Math III	1.0	10-12	Honors Integrated Math II
MAT45&46	*AP Statistics	1.0	11-12	Algebra II and Geometry or Integrated Math I and Integrated Math II
MAT19	Computer Science I	.5	10-12	
MAT20	Computer Science II	.5	11-12	Computer Science I
MAT63&64	Pre-Calculus	1.0	11-12	Honors Algebra II/ Geometry/Integrated Math III
MAT 25&26 Last year this course is offered is the 2015-16 school year	*Honors Pre- Calculus	1.0	11-12	See Placement Criteria Under Listing for this course
MAT27&28	*AP Calculus	1.0	12	Honors Pre-Calculus/Grade of A or B and ACT math score of 25 or greater
MLAB1 & 2	Math Lab	ELECTIVE	9	See Placement Criteria Under Listing for this course

Recommended course sequences:

Class of 2016

Class of 2015-16 State Requirements for Graduation: 3 years of high school level math to include Algebra I and Exp. Geometry/Geometry and Algebra II/Honors Algebra II/Integrated Math II.

General and/or Career Ed	College-Bound Students and Career Ed	College-Bound Students	Honors Math Program
Algebra I Math Lab (if applicable) Exp. Geometry/Geometry/ Integrated Math II	Algebra I Algebra II Geometry Pre-Calculus or math elective	Algebra II Geometry Pre-Calculus Calculus; AP Stats; Computer Science	Honors Algebra II Honors Geometry Honors Pre-Calculus AP Calculus; AP Stats; Computer Science

Rock Island High School students will be required to successfully complete a math course prior to moving to the next level of math.

Class of 2017

Class of 2017 State Requirements for Graduation: 3 years of high school level math to include Integrated Math I; Integrated Math II; Integrated Math III.

*** For those students that completed Honors Algebra I in 8th grade, the high school sequence is Honors Algebra II; Geometry/Honors Geometry; Honors Pre-Calculus.**

General and/or Career Ed	College-Bound Students and Career Ed	Honors Math Program
Integrated Math I Math Lab (if needed) Integrated Math II Integrated Math III Math Elective	Integrated Math I Integrated Math II Integrated Math III Pre-Calculus; AP Stats Computer Science	Honors Algebra II Honors Geometry *Honors Pre-Calculus AP Calculus; AP Stats Computer Science
		Last year Honors Pre-Calculus class is offered 2015-16 school year

Class of 2018

Class of 2018 State Requirements for Graduation: 3 years of high school level math to include Integrated Math I; Integrated Math II; Integrated Math III.

*** For those students that completed Honors Integrated Math in 8th grade, the high school sequence is Honors Integrated Math II; Honors Integrated Math III; AP Calculus.**

General and/or Career Ed	College-Bound Students and Career Ed	Honors Math Program
Integrated Math I Math Lab (if needed) Integrated Math II Integrated Math III Math Elective	Integrated Math I Integrated Math II Integrated Math III Pre-Calculus; AP Stats Computer Science	Honors Integrated Math II Honors Integrated Math III AP Calculus AP Stats Computer Science

**** Honors Pre-Calculus is no longer offered.**

*** Math classes earning weighted credit are AP Statistics, and AP Calculus.**

Math I Lab

.5 Elective Credit (not a math credit)

Grade: 9

MLAB1 – Semester 1

One semester

MLAB2 – Semester 2

Placement Criteria: Teacher recommendation and previous math grades

The lab will reinforce basic operations of integers, fractions and decimals related to the importance and relevance to real world applications of these skills. Students will be re-evaluated at the end of the first semester to determine placement for second semester.

Integrated Math I

1.0 Credit

Grade: 9

MATF3 - Semester 1

Year Course

MATF4 - Semester 2

The fundamental purpose of Mathematics I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Integrated Math II**1.0 Credit****Grades: 10-12****MATH5 - Semester 1****Year Course****MATH6 - Semester 2****Prerequisite: Integrated Math I**

The focus of Integrated Math II is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Integrated Math I as organized into 6 critical areas, or units. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, round out the course. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Honors Integrated Math II (9-12 Graders)**1.0 Credit****Grades: 10-12****MATH7 - Semester 1****Year Course****MATH8 - Semester 2****Prerequisite: Honors Integrated Math I/Grade of C- or better/Teacher Recommendation**

The focus of Honors Integrated Mathematics II is similar to Mathematics II but contains appended curriculum content from the Integrated Mathematics III curriculum. Content that was covered in Honors Mathematics I curriculum is not repeated and extension content is included. Extension topics include: use complex numbers in polynomial identities and equations, interpret structure-write equivalent equations for quadratic and exponential equations and expressions, solve systems of equations that include quadratics, analyze functions using different representations, build functions that model relationships and new functions from existing functions (include all types of functions studied), extend the domain of trigonometric functions using the unit circle, prove geometric theorems algebraically, use apply equations for conic sections, understand independence and conditional probability and use to interpret data, use probability to evaluate outcomes of decisions.

Integrated Math III**1.0 Credit****Grades 11-12****MATH9 – Semester 1****Year Course****MATH10-Semester 2****Prerequisite: Integrated Math II**

The focus of Integrated Math III is on the use of data. Students will then study the concept of functions. They will cover the different types of functions: linear, quadratic, polynomial, rational, radical, exponential, and logarithmic. Students will finish up by studying sequences and series. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Honors Integrated Math III**1.0 Credit****Grades 10-12****MATH11 – Semester 1****Year Course****MATH12-Semester 2****5.0 Weighted Credit****Prerequisite: Honors Integrated Math II/Grade of C- or higher/Teacher Recommendation**

The focus of Honors Integrated Math III is similar to Integrated Math III but contains appended curriculum content. Content that was covered in Honors Integrated Math II curriculum is not repeated and extension content is included. Students will focus on the concept of functions. They will cover the following types of functions: linear, quadratic, polynomial, rational, radical, exponential, logarithmic, and trigonometric. Students will finish up by studying sequences and series. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

***AP Calculus – Weighted Course**

1.0 Credit

Grade: 12

MAT27 – Semester 1

Year Course

MAT28 – Semester 2

5.0 Weighted Credit

Prerequisite: A or B in all previous Honors Math Courses and a min 25 on a Math ACT

This course represents a college-level mathematics course. Everyone who signs up for this course will be expected to take the AP exam in May. Students should have demonstrated mastery through honors pre-calculus before attempting this course. Course content includes the study of: functions, graphs, limits, derivatives and second derivatives in Cartesian and polar coordinates, application of derivatives, computation of derivatives, integrals, application of integrals, computation of integrals, the Fundamental Theorem of Calculus, numerical approximations, polynomial approximations and series, series of constants, and Maclaurin and Taylor series. (TI 84 Plus calculators are recommended for this class – a classroom set will be provided for use during class).

PHYSICAL EDUCATION & HEALTH CURRICULUM

Courses	Credit	Year	Prerequisites
Health Education	.5	10	
Physical Education	1.0	9, 11, 12	
Adv. Physical Education	1.0	10-12	

All students are required to take six semesters (9th grade, 11th grade, and 12th grade) of Physical Education and one semester of Health Education during high school.

Health Education

.5 Credit

Grade: 10

PE01

One Semester

This is a course that includes activities, which increase the abilities of students to make decisions affecting their personal, family, and community well being. The emphasis will be on the following topics: mental and emotional health, nutrition, exercise, substance abuse, diseases, environmental health and community health.

Physical Education courses at Rock Island High School are designed to provide students the fundamentals of a variety of activities in order to help support the importance of physical fitness. Physical Education promotes students' physical, mental, and social wellness and emphasizes the importance of continued physical activity after high school.

Physical Education

1.0 Credit

Grade: 9

PE25 – Semester 1

Year Course

PE26 – Semester 2

This is an introductory physical education class at Rock Island High School for ninth grade students.

Physical Education

1.0 Credit

Grades: 10-11

PE27 – Semester 1

Year Course

PE28 – Semester 2

Students will be provided an opportunity to enhance the fundamentals of a variety of sports and activities learned during their freshman year, with an emphasis on developing lifetime skills. In addition, curriculum will cover such areas as cardiovascular fitness, exercising safely, weight control and other areas of wellness. Each of these activities will extend over four nine-week periods and many will be on a coed basis. They will include individual and team sports, aquatics, wellness and recreational activities.

Activities offered include but not limited to: Soccer, Speedball, Flag Football, Tennis, Golf, Softball, Aquatics, Ultimate Frisbee, Jogging, Basketball, Weight Training, Table Tennis, Volleyball, Badminton, Pickle ball, Dance / Rhythms, Floor Hockey, Volley-tennis, Pillo Polo, and Aerobic Exercise.

Physical Education

1.0 Credit

Grades: 12

PE33 – Semester 1

Year Course

PE34 – Semester 2

Students will be provided an opportunity to enhance the fundamentals of a variety of sports and activities learned during their sophomore/junior year, with an emphasis on developing lifetime skills. In addition, curriculum will cover such areas as cardiovascular fitness, exercising safely, weight control and other areas of wellness. Each of these activities will extend over four nine-week periods and many will be on a coed basis. They will include individual and team sports, aquatics, wellness and recreational activities.

Activities offered include but not limited to: Soccer, Speedball, Flag Football, Tennis, Golf, Softball, Aquatics, Ultimate Frisbee, Jogging, Basketball, Weight Training, Table Tennis, Volleyball, Badminton, Pickle ball, Dance / Rhythms, Floor Hockey, Volley-tennis, Pillo Polo, and Aerobic Exercise.

Advanced Physical Education

1.0 Credit

Grades: 10-12

PE30 – Semester 1

Year Course

PE31 – Semester 2

Advanced Physical Education Girls Basketball (PE11 & PE12) Advanced Physical Education Football (PE13 & PE14)

Advanced Physical Education Track/Wrestling (PE15 & PE16) Advanced Physical Education Swimming (PE17 & PE18)

Advanced Physical Education Boys Basketball (PE23 & PE24) Advanced Physical Education 7th period (PE25 & PE26)

Student-athletes and fitness minded students have the option of taking an Advanced Physical Education/Fitness class rather than the traditional class. This class is based on the Bigger, Faster, Stronger Fitness Program. The students in this class will concentrate on proper weight lifting techniques and improving their cardiovascular fitness levels.

(This class may need a recommendation of a coach or teacher to determine the student's ability to be in this class.

Ninth grade students may be added to class if room permits.)

NCAA ELIGIBILITY CENTER REFERENCE GUIDE

Divisions I and II Initial-Eligibility Requirements

www.eligibilitycenter.org

What is the NCAA Eligibility Center?

The NCAA Eligibility Center certifies the academic and amateur credentials of all college-bound student athletes who wish to compete in NCAA Division I or II athletics.

Core Courses

- **NCAA Divisions I and II require 16 core courses.**
- **Beginning August 1, 2016, NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.
- *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- **Be sure** to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** students enrolling full time **before August 1, 2016**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- **Division I** GPA required to receive athletics aid and practice **on or after August 1, 2016**, is 2.000-2.299 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **Division I** GPA required to be eligible for competition **on or after August 1, 2016**, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **The Division II** core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

For more information on registering with the Eligibility Center, contact your counselor or the Athletic Director.

RESERVE OFFICER TRAINING CORPS (ROTC) CURRICULUM

Courses	Credit	Year(s)	Prerequisites
Aerospace Science 100/Leadership 100	1.0	9-11	None – Introductory Course to AFJROTC program
Aerospace Science 300/Leadership 300	1.0	10-12	Aerospace Science 100 2013-14 School Year
Cultural Studies 220/ Leadership 200	1.0	10-12	Aerospace Science 100 2014-2015 School Year
Aerospace Science 200/Leadership 400	1.0	10-12	Aerospace Science 100 2015-2016 School Year

The Rock Island Air Force Reserve Officer Training Corp consists of a four-year based program. Students shall be exposed to Aerospace Science, Leadership, and Wellness. This course is by no means a tool to recruit students into any military branch of service but is designed to make better citizens and prepare our cadets for life after high school. In addition to teaching Aerospace and Leadership, Wellness (physical fitness) is incorporated through the participation in the Presidential Fitness Challenge. By completing three of the four-year program, students meet the physical education requirements for high school graduation.

Aerospace Science 100/ Leadership 100 – A Journey into Aviation History/Citizenship, Character, Air Force Tradition

ROTC 1 - Semester 1 **1.0 Credit** **Grades: 9-11**
ROTC 2 - Semester 2 **Year Course**

This is the introductory course to AFJROTC Aerospace Science and Leadership Education. Students develop skills and self-discipline through class instruction, hands-on activities, and military drill. Academic instruction covers the history of aviation, leadership education, and healthful living. Communication skills, problem solving, human relations, and logical thinking are a strong part of this course. Cadets are required to participate in physical education training and activities. Physical education components include fitness training, personal fitness, and individual and team sport skills.

Aerospace Science 200/Leadership 400 –The Science of Flight/Cadet Corp Management/Principles of Management

ROTC 3 - Semester 1 **1.0 Credit** **Grades: 10-12**
ROTC 4 - Semester 2 **Year Course**

Prerequisite: Aerospace Science 100/Leadership 100

This course is a continuation in the study of Aerospace Science and Leadership Education. Academic emphasis is on the aerospace environment, human requirements of flight, and the principles of flight and navigation. Leadership emphasis is on importance of management, planning and decision making, managing change, stress, and innovation, and key elements of group behavior, communication process, and good leaders. Cadets are required to participate in physical education training and activities. Physical education components include fitness testing, personal fitness, team sports, aerobics, and outdoor education skills.

Aerospace Science 300/Leadership 300 – The Exploration of Space/Life Skills and Career Opportunities

ROTC 5 - Semester 1 **1.0 Credit** **Grades: 10-12**
ROTC 6 - Semester 2 **Year Course**

Prerequisite: Aerospace Science 100/Leadership 100

The development of space flight is discussed. This includes a study of terminology and general principles of launch vehicles, the vehicles in use, and an overview of our country’s ventures into space. Leadership emphasis is on career options, personal budget and financial planning, requirements for applying to colleges or universities, and the process for pursuing a career. Third year cadets put leadership skills learned in AFJROTC I and II into practice by holding leadership roles in the corps of cadets. They are required to participate in physical education training and

activities. Physical education components include fitness testing, personal fitness, team sports, aerobics, and outdoor education skills.

Cultural Studies 220/Leadership 200 -- Communication, Awareness, and Leadership

ROTC 7-Semester 1

1.0 Credit

Grades: 10-12

ROTC 8- Semester 2

Year Course

Prerequisite: Aerospace Science 100/Leadership 100

Academic emphasis is on a multidisciplinary course titled Global Awareness that introduces students to various regions of the world from a geographic, historical and cultural perspective. Issues such as terrorism, economics, politics, military, religion, environmental concerns, human rights, disease, literacy, and the migration of peoples are examined. The regional areas included are Europe, the Middle East, South Asia, East Asia, Africa, and Latin America. Leadership emphasis is on importance of management, planning and decision making, managing change, stress, and innovation, and key elements of group behavior, communication process and good leaders. Cadets are required to participate in physical education training and activities. Physical education components include fitness testing, personal fitness, team sports, aerobics, and outdoor education skills.

SCIENCE CURRICULUM

Courses	Credit	Year	Prerequisites
Biology	1.0	9-10	
Global Biology	1.0	10-12	Biology I
Chemistry	1.0	10-12	Biology I
*Honors Chemistry	1.0	10-12	Biology I
Anatomy and Physiology (A & P)	1.0	11-12	Biology I
*AP Biology	1.0	11-12	See Course Description
Physics	1.0	10-12	Biology I
*AP Physics	1.0	11-12	See Course Description

***Designates course(s) that receive weighted credit.**

The Science courses offered at Rock Island High School are an essential part of the general education of all students. They also provide unique experiences dealing with the technology and understanding necessary for success in our changing society. Student responsibilities in science courses include:

1. Students are expected to participate fully in all aspects of laboratory work
2. Students enrolled in any science course are required to pay for any breakage or loss of equipment incurred as well as for any excessive or unauthorized usage of chemicals or other materials/supplies.
3. Students enrolled in any science course are required to observe all safety precautions while working in a laboratory; i.e., when dealing with chemicals, the wearing of goggles.

Sequence of Progress for Science Curriculum

General Education/Career Ed	College Bound/Honors Science Program
Biology I Chemistry or Global Biology Physics or Anatomy and Physiology	Biology I Chemistry or Honors Chemistry or Global Biology Anatomy and Physiology or Physics AP Biology or AP Physics

Biological Science Program

Biology I	1.0 Credit	Grades: 9-10
SCIF1 – Semester 1		Year Course
SCIF2 – Semester 2		
Prerequisite: None		

A study is made of the basic structure and function of living organisms. Laboratory investigations and other activities will lead to an understanding of biological principles and the interaction between an organism and its environment, including Earth systems. The course encourages the development of critical thinking skills needed by the student who enrolls in Chemistry, Physics, A&P, Global Biology, or Biology II.

Global Biology**1.0 Credit****Grades: 10-12**

SCI09 – Semester 1

Year Course

SCI10 – Semester 2

Prerequisite: Biology I

Focus is placed on the interrelationship between humans, their environment and the earth. In addition to ecosystems, students will study environmental and other earth science issues. Aimed at both, college and non-college bound students; this class is a laboratory based class. Special activities include guest speakers, fieldtrips, oil hungry bacteria, environmental testing, and owl pellet dissection.

Anatomy and Physiology**1.0 Credit****Grades: 11-12**

SCI37 – Semester 1

Year Course

SCI38 – Semester 2

Prerequisite: Biology I

Anatomy and Physiology will provide students with a study of the structure and function of the human body. The course takes the student through the various organ systems that make up the human body. The course has a laboratory experience where students will be expected to dissect. This course is designed primarily for students who have an interest in medical, health, or sports-related fields. This course is a prerequisite or may be taken concurrently with Occupational Health.

AP Biology*1.0 Credit****Grades: 11-12**

SCI11 – Semester 1

Year Course

SCI12 – Semester 2

5.0 Weighted Credit**Prerequisite: Biology I**

Successful completion of Chemistry is highly recommended. A “C” average in science, English, and math is also recommended

AP Biology prepares students for college and challenges them to investigate biological concepts at advanced levels. Lectures, in-depth lab investigations, and other activities provide a study of evolution, biochemistry, genes and expression, biotechnology, and ecology. A field trip will focus on ecology, which will include the short grass and tall grass prairie reserves near Albany and Fulton, Illinois.

Students enrolled in this class are expected to take the AP exam in May and are expected to remain in the course for the entire year.

Physical Science Program**Chemistry****1.0 Credit****Grades: 10**

SCI21 – Semester 1

Year Course

SCI22 – Semester 2

Prerequisite: Biology I

Students will consider the properties and chemical nature of matter and the earth. Topics include measurement; nature of matter; atomic structure and molecules; molecular bonding; nature of reactions; conditions affecting reactions; solutions; acids, bases, and salts; oxidation-reduction; and nuclear chemistry. Students need a basic calculator. For students who plan to take Physics, calculators with trig-functions are recommended.

Honors Chemistry*1.0 Credit****Grades: 10-12**

SCI01 – Semester 1

Year Course

SCI02 – Semester 2

5.0 Weighted Credit**Prerequisite: Biology I**

Students consider chemical properties and structure of atoms and molecules. In addition to general chemistry, topics include Kinetic Theory; solutions; reaction rates, equilibrium; electro-chemistry, nuclear chemistry, and organic chemistry. The course is recommended for students pursuing engineering, chemistry, physics, electronics, or other high-technology science related field.

Physics**1.0 Credit****Grades: 10-12**

SCI17 – Semester 1

Year Course

SCI18 – Semester 2

Prerequisite: Biology I

This is a general introduction to physics for students actively interested in how the world operates. Whenever possible, graphic methods are substituted for mathematical analysis to learn about basic ideas of physics. Topics include principles of measurement; force and motion, work, energy, and the conservation laws; states of matter; heat, waves, sound, and light; electricity and magnetism; and nuclear energy. The course may be taken concurrently with Chemistry, Biology II, Global Biology and Anatomy and Physiology.

AP Physics*1.0 Credit****Grades: 11-12**

SCI31 – Semester 1

Year Course

SCI32 – Semester 2

5.0 Weighted Credit**Prerequisite: Biology I and Chemistry****B average in science, math, and English is recommended**

AP Physics 1: Algebra-Based is the equivalent to a first-semester college course in Algebra based Physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work energy, and power; mechanical waves and sound. It will also introduce electrical circuits.

AP Physics is a year-long course. Students enrolled in this class are expected to take the AP exam in May and are expected to remain in the course for the entire year

SOCIAL STUDIES CURRICULUM

Courses	Credit	Year(s)	Notes
World Studies	1.0	9	
American History	1.0	10	
*AP American History	1.0	10	
Psychology I	.5	10-12	
Sociology	.5	10-12	
Consumer Economics	.5	11,12	Class of 2016 will take Senior Year
Federal Government	.5	11,12	Class of 2016 will take Senior Year
*AP Federal Government	.5	11,12	Class of 2016 will take Senior Year
*AP European History	1.0	12	
*AP Psychology	1.0	11-12	
State and Local	.5		Students graduating in the class of 2016 and 2017.

The social studies program is designed to provide an understanding of people through an examination of relationships among diverse peoples and cultures and by studying their institutions (governmental, economic, and social). Each class will focus on college and career readiness by using Common Core State Standards in a curriculum that teaches students to gather, comprehend, evaluate, synthesize, and report on information and ideas. Each of the social science disciplines is studied in a historical context. Important goals include teaching the rights and responsibilities of citizenship, fostering an understanding of and an appreciation for our rich cultural heritage, developing a respect for other humans, cultures, our environment, and preparing the student to participate in society intelligently, responsibly, and successfully.

GRADUATION REQUIREMENTS

CLASS of 2016, 2017		CLASS of 2018	
State and Local	.5	World Studies	1.0
American History or AP American History	1.0	American History or AP American History	1.0
Consumer Economics	.5	Consumer Economics	.5
Federal Government or AP Fed. Government	.5	Federal Government or AP Fed. Government	.5
Total Social Studies Requirements	2.5	Total Social Studies Requirements	3.0

World Studies

1.0 Credit

Grade: 9

SOCF1 – Semester 1

Year Course

SOCF2 – Semester 2

World Studies is a required course that focuses on major events and themes in the world from prehistory to the present. Students will consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government on human events from multiple regions and time periods. The course especially emphasizes the historical background of major problems in the world today.

American History

1.0 Credit

Grade: 10

SOC09 – Semester 1

Year Course

SOC10 – Semester 2

This required course will provide an overview of the events, people, values, innovations, etc. which shaped our nation's history. The time period up to the Civil War will be the subject of a short review; while the remainder of the year will focus on the Reconstruction era onward. Key historical concepts like cause and effect, chronological order, primary document use/interpretation, and standard inquiry (who, what, where, when, and why) will be put to use. Students will learn how present institutions, conditions, etc. relate to the past.

***AP American History** **1.0 Credit** **Grade: 10**
SOC23 – Semester 1 **Year Course**
SOC24 – Semester 2 **5.0 Weighted Credit**

Following the College Board’s approved curriculum designed to parallel college-level U.S. History courses, AP U.S. History provides students with the analytical skills and factual knowledge necessary to address critical problems and materials in U.S. history. Students must possess strong reading and writing skill, have the ability to do independent study, and have good attendance. The course provides coverage of major historical topics with emphasis on political history, foreign affairs and economic/social development. Attention is also given to literature and culture in American History. Students will use a **COLLEGE LEVEL TEXTBOOK**. Students enrolled in this course are expected to take the Advanced Placement test in May. Success on the AP exam may result in the student earning college credit.

Consumer Economics **.5 Credit** **Grade: 11, 12**
SOC15 **One Semester**

This course includes units on: an analysis of the American economy, distribution of the national income, price /supply /demand, American business organization, production, marketing, labor-management relations, advertising, and consumer protection. Also included are units on: financial planning, money and banking, investing, the use of credit, insurance, real estate, and public welfare.

Federal Government **.5 Credit** **Grade: 11, 12**
SOC13 **One Semester**

This course is required for graduation and provides a basic study of the Presidency, Congress, the judicial process, the criminal justice system, the United States Constitution, citizenship rights and responsibilities, federal national politics, and the Bill of Rights.

***AP Federal Government** **.5 Credit** **Grade: 11, 12**
SOC29 **One Semester**
5.0 Weighted Credit

Following the College Board’s approved curriculum designed to parallel college-level U.S. Government and Politics courses, this course provides students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The goal of the course is to increase understanding of the American government and political system, its processes, framework, traditions, and values. Students will use a **college level textbook**. Students enrolled in this course are expected to take the Advanced Placement test in May. Success on the AP exam may result in the student earning college credit.

Psychology I **.5 Credit** **Grades: 10-12**
SOC07 **One Semester**

This elective course will provide students a general understanding of the basic tenets of psychology. It will emphasize the relationship of psychological theories and techniques on the lives of the students and their relationships with others. It will cover some of the most basic components of psychology including general history, research methods, well known individuals and perspectives, and various styles of learning. It is a subject for students with an interest in the why and how behavior affects them and others around them.

***AP Psychology** **1.0 Credit** **Grades: 10-12**
SOC11 – Semester 1 **Year Course**
SOC12 – Semester 2 **5.0 Weighted Credit**

This elective course is designed to give students a thorough scientific study of the behavior and mental processes of human beings. Topics include the biological basis of behavior, sensation and perception, states of consciousness, motivation and emotion, learning and cognition, developmental psychology, personality, and abnormal psychology. This course will help students prepare for college level course work. Students enrolled in this course are expected take the Advanced Placement test in May. Success on the AP exam may result in the student earning college credit.

Sociology
SOC20

.5 Credit

Grades: 10-12
One Semester

Sociology is an elective course, which studies how people behave and relate in group settings. It involves the use of the scientific method in dealing with human interaction. In addition to vocabulary development, it uses a multicultural approach to analyze sociological concepts found in case studies. Students will encounter information and knowledge, which can be applied to future life situations.

***AP European History**

1.0 Credit

Grade: 12
Year Course
5.0 Weighted Credit

SOC21 – Semester 1

SOC22 – Semester 2

This is an elective Advanced Placement course that covers a study of modern European history from 1400 to the present. Emphasis is on: Renaissance, Reformation, Louis XIV, Age of Absolutism, English Civil Wars, French Revolution, the Century of Isms, the Balance of Power, World War I, Russian Revolution, Rise and Fall of Nazism, and the Post-War World. The course could provide the college bound student with a head start. Students enrolled in this course are expected to take the Advanced Placement test in May. Success on the AP exam may result in the student earning college credit.



Courses	Credit	Year(s)	Prerequisites
Adaptive P.E.	1.0	9-12	
Personal Living Skills	1.0	9-12	
SC English	1.0	9-12	Teacher Permission
Reading Mastery	1.0	9-12	
English I	1.0	9	
English II	1.0	10	
English III	1.0	11	
English IV	1.0	12	
World Studies	1.0	9-12	
American History	1.0	11-12	
Federal Government	.5	12	
Consumer Economics	.5	12	
Health Education	.5	10	
Life Science / Biology	1.0	9-10	
SC Math	1.0	9-12	Teacher Permission
Math I	1.0	9-12	
Math II	1.0	9-12	
Math III	1.0	9-12	
Math IV	1.0	9-12	Teacher Permission
Vocational Readiness	.5/1.0	9-12	Teacher Permission
Secondary Transition Experience Program (S.T.E.P.)	1.0	11-12	Teacher Permission
Transitions I	.5/1.0	9-12	
Job Skills I/II	1.0	9-12	
Social Skills	.5/1.0	9-12	
Functional Math	1.0	9-12	
Functional PE	1.0	9-12	
Functional Reading	1.0	9-12	
Functional Health	1.0	9-12	
Resource	.5/1.0	9-12	

Cross-Categorical Program

The Special Services Department at Rock Island High School provides an educational program for students who are classified as learning disabled (LD), orthopedic impairment (OH), mild and moderate emotional disturbance (ED), intellectually disabled, visual impairment, hearing impairment, speech/language impairment, other health impairment (OHI), autism, and traumatic brain injury (TBI). These students have one or a combination of emotional, social, intellectual, perceptual, or physical difficulties, which make it difficult for them to succeed in the mainstream high school program. Student placement into the program follows a logical and consistent format prescribed by federal, state, and district policies and procedures.

Students are referred to the program by parents, outside agencies, counselors, teachers, administrators, and other interested persons. All referrals are channeled through the high school Building Intervention Team, and the special education department case manager. Eligibility for special education and/or related services is determined by a multi-disciplinary team, and if eligible, an Individual Education Plan (IEP) is written before a student is placed into the program. Annual meetings are held to determine the next year's placement and program services for each student. Cross-categorical special education classes and regular education classes are chosen based on each student's individual needs.

Thurgood Marshall Learning Center

The District #41 secondary program is a cross-categorical alternative program located in a separate building. Students in this program are in need of a more highly structured environment that can be provided in a cross-categorical special education or regular education setting. The program serves senior high school level students. Students are permitted to attend alternative education programs to the maximum extent possible. Placement is made according to District #41's placement procedures and follows documented efforts to serve the student in a less restrictive environment. Each student will have an IEP, which will include a management plan for the individual student. This management plan includes: 1) the recent behavior that caused placement, and 2) behavior goals the student need to achieve to exit the program.

Adaptive Physical Education – Functional 1.0 Credit

Grades: 9-12

SE321 – Semester 1

Year Course

SE322 – Semester 2

Adaptive Physical Education is available to students who are unable to participate in the regular physical education classes due to a physical impairment. The Adaptive Physical Education program for the orthopedically impaired has two major aspects: 1) low organized games and recreational sports, and 2) implement physical therapy and occupational therapy programs. The level of each student's involvement is based on their physician's prescription to insure that any medical concerns are not overlooked.

Adaptive Physical Education - Cross-Categorical 1.0 Credit

Grades: 9-12

SE319 – Semester 1

Year Course

SE320 – Semester 2

Adaptive Physical Education at Rock Island High School gives students an opportunity to participate successfully in a physical education program designed to accommodate each individual's special needs. The students are not required to wear an official physical education uniform. Students will learn the importance of staying physically active and fit both during and after high school. The curriculum will concentrate on individual and team sports, cardiovascular fitness, muscular strength, and recreational activities.

Personal Living Skills

1.0 Credit – 1 Period

Grades: 9-12

SE203 – Semester 1 Grade 9/10

SE203A (1 Period)

Year Course

SE204 – Semester 2 Grade 9/10

SE204A (1 Period)

SE205 – Semester 1 Grade 11/12

SE205A (1 Period)

SE206 – Semester 2 Grade 11/12

SE206A (1 Period)

The purpose of this course is to study many different areas of curriculum where more practice is needed. These areas may include a wide variety of units to study such as nutrition and foods, shopping, laundering, independent living, map skills, transportation and social development skills.

SC English SC1 – Semester 1 SC2 – Semester 2 Prerequisite: Teacher Permission The self-contained English classes are for students who have had difficulty mastering reading skills in previous grades. Emphasis is on phonics, sight words, and various reading aids such as cloze reading, wonder stories, and visual imagery. Each level is progressively more difficult with the goal to successfully read a newspaper and complete job applications correctly.	1.0 Credit	Grades: 9-12 Year Course
Reading Mastery SE171 – Semester 1 SE172 – Semester 2 This course is designed to improve the decoding, comprehension, vocabulary, and written language skills of those students who are below grade level reading ability. This program is based on each student’s performance. Skills and strategies are taught through direct instruction. This course consists of various fictional and non-fictional short stories and the introduction of novels.	1.0 Credit	Grades: 9-12 Year Course
English I SE101 – Semester 1 SE102 – Semester 2 The purpose of this course is to provide a curriculum adjusted to the individual needs of the students reading below grade level. The course is designed so as to improve and maintain the reading, listening, spelling, writing, and vocabulary skills of special students in the ninth grade.	1.0 Credit	Grade: 9 Year Course
English II SE103 – Semester 1 SE104 – Semester 2 This course is a continuation of English I and will provide additional work based on student needs and reading ability. Improvement on reading, listening, and basic grammar skills will be stressed.	1.0 Credit	Grade: 10 Year Course
English III SE105 – Semester 1 SE106 – Semester 2 The purpose of this course is to provide a curriculum adjusted to the individual needs of the students reading below grade level. The course is designed so as to improve and maintain the reading, listening, spelling, writing, and vocabulary skills of special education students in the eleventh grade.	1.0 Credit	Grade: 11 Year Course
English IV SE109 – Semester 1 SE110 – Semester 2 The purpose of this course is to provide a curriculum adjusted to the individual needs of the students reading below grade level. The course is designed so as to improve and maintain the reading, listening, and spelling, writing, and vocabulary skills of special education students in the twelfth grade.	1.0 Credit	Grade: 12 Year Course
World Studies SE23 – Semester 1 SE24 – Semester 2 World Studies is a required course that focuses on major events and themes in the world from prehistory to the present. Students will consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government on human events from multiple regions and time periods. The course especially emphasizes the historical background of major problems in the world today.	1.0 Credit	Grades: 9-12 Year Course

American History**1.0 Credit****Grade: 11**

SE119 – Semester 1

Year Course

SE120 – Semester 2

The American History course provides a brief investigation of world geography, world history, and its impact throughout the historical development of the United States from colonial days to present days America. Emphasis on the human side of history is presented through text notes, which explain the roles Americans have played and are playing in the building of our country. Units are developed so that the student is actively involved in the learning process with workbooks, homework, outside projects, reading participation, and classroom discussions.

Federal Government**.5 Credit****Grade: 12**

SE 123

One Semester

This course is designed to provide students with the principles and practices of our democratic system of government and to develop student interest in reading, thinking, and making informed decisions about our system of government. Emphasis is on having the student become a responsible citizen.

Consumer Economics**.5 Credit****Grade: 12**

SE121

One Semester

This course is designed to enable students to understand economic concepts in a practical and meaningful way. Emphasis is on consumer problems and their solutions, wise consumer choices, and positive consumer planning in the area of budgeting, savings, insurance, and establishing good credit.

Health Education I**.5 Credit****Grade: 10**

SE127

One Semester

Health is designed to provide the basics of wellness education to assist students in making informed living choices.

Life Science / Biology**1.0 Credit****Grades: 9-10**

SE125 – Semester 1

Year Course

SE126 – Semester 2

This course is designed to give the special needs student an understanding of both general and specific biology concepts relevant to their lives. The students are presented the basic science concepts through classroom presentations, lecture and discussion, cooperative learning, laboratory activities, and video.

SC Math**1.0 Credit****Grades: 9-12**

SC3 – Semester 1

Year Course

SC4 – Semester 2

Prerequisite: Teacher Permission

Emphasis in this course is on the mastery of basic mathematical concepts including: basic addition, subtraction, multiplication facts, time and money, graphing, and basic measurement.

Math I**1.0 Credit****Grade: 9-12**

SE107 – Semester 1

Year Course

SE108 – Semester 2

Emphasis in this course is on the mastery of basic mathematical concepts including fractions, decimals, and percentages. Competency of basic skills is emphasized to attain a higher level of performance.

Math II**1.0 Credit****Grade: 9-12**

SE111 – Semester 1

Year Course

SE112 – Semester 2

The ultimate objective of this course is for the special needs student to use individual math reasoning in solving career and/or consumer problems. Lessons are introduced at the basic level of understanding with enrichment lessons at the average and comprehensive levels of understanding.

Math III**1.0 Credit****Grades: 9 -12
Year Course**SE113 – Semester 1
SE114 – Semester 2

This course will provide students instruction in the foundational skills needed to understand concepts taught in first semester Integrated Math I in the general education setting. Skills will include Algebra, Geometry, Probability and Statistics as well as some Algebra II skills.

Math IV**1.0 Credit****Grades: 9-12
Year Course**SE115 – Semester 1
SE116 – Semester 2

This course will provide students instruction in the foundational skills needed to understand concepts taught in second semester Integrated Math I in the general education setting. Skills will include Algebra, Geometry, Probability and Statistics as well as some Algebra II skills.

Vocational Readiness**.5 or 1.0 Credit****Grade: 9**SE141 – Semester 1
SE142 – Semester 2**Prerequisite: Teacher Permission**

This class is project based with functional work skills emphasized in every unit. The work class emphasizes following directions, time on task, project development, work skills development and community involvement. Functional reading, English and math skills are incorporated into every lesson. Students are encouraged to explore different types of employment to assist in career choice. Each project is designed to teach a specific skill such as measurement, use of small tools, painting, cleaning etc.

Secondary Transition Experience Program (S.T.E.P.) 1.0 Credit**Grades: 10-11
Year Course**SE151 - STEP Semester 1
SE152 - STEP Semester 2**On The Job Training (OJT)****Varied Credit****Grades: 11-12**

SE153 - OJT5	Semester 1	SE162 - OJT6	Semester 2
SE154 - OJT5	Semester 2	SE163 - OJT7	Semester 1
SE155 - OJT5-6	Semester 1	SE164 - OJT7	Semester 2
SE156 - OJT5-6	Semester 2	SE165 - OJT3	Semester 1
SE157 - OJT5-7	Semester 1	SE166 - OJT3	Semester 2
SE158 - OJT5-7	Semester 2	SE167 - OJT4	Semester 1
SE159 - OJT6-7	Semester 1	SE168 - OJT4	Semester 2
SE160 - OJT6-7	Semester 2	SE169 – OJT 4-6	Semester 1
SE161 - OJT6	Semester 1	SE170 – OJT 4-6	Semester 2

Prerequisite: Teacher Permission

This program prepares the special student to take his/her place in the working community. It assists the students in bridging the gap between the school, the community, and the world of work through related classroom instruction, in-school experience, and community work experience. Placements are geared to meet the needs and abilities of the individual student.

Transitions I**.5 or 1.0 Credit****Grades: 9-12**AE199 – Semester 1
AE200 – Semester 2**One Semester or Year Course****Prerequisite: Teacher Permission**

In this course, students will learn and develop social and academics skills needed in a variety of settings: home, job, community and school. Role-plays are utilized to teach skills learned in class. The two A.R.T. units covered are Empathy and Anger Control. At the end of this course students should be able to demonstrate self-control and know how to appropriately communicate frustration, anger, and other feelings in a socially acceptable manner.

JOB SKILLS I/II
CD021/022 - Semester 1
CD023/024 - Semester 2

1.0 Credit

Grade: 9-12
Year Course

This class is project based with functional work skills emphasized in every unit. The Job Skills class emphasizes following directions, time on task, project development, work skills development and community involvement. Functional reading, English and math skills are incorporated into every lesson. Students are encouraged to explore different types of employment to assist in career choice. Each project is designed to teach a specific skill such as measurement, use of small tools, painting, cleaning etc. The class participates in community based training 2-3 times per month using public transportation. The Job Skills class and the Social Skills class are responsible for preparing food and serving teachers breakfast at the Rock Star Café every Friday. Students are registered for Job Skills I & II at the same time.

Social Skills
CD033 – Semester 1
CD034 – Semester 2

.5 or 1.0 Credit

Grades: 9-12

Prerequisite: Teacher Permission

Students develop communication skills that will help them be successful in the work place and in adult social relationships. Students are encouraged to develop appropriate conversational skills while working in a small group setting. Students learn to follow written and verbal directions as they apply to specific projects. Many times the Job Skills class and Social Skills class are taken back to back to allow for community training.

Functional Math
CD011 – Semester 1
CD012 – Semester 2

1.0 Credit

Grades 9-12
Year Course

All skills are taught in relationship to what students will need to know in the real world. Skills are concentrated in the areas of money skills, time and measurement. Skills are taught in real life activities and in the community.

Functional Reading
CD001 – Semester 1
CD002 – Semester 2

1.0 Credit

Grades: 9-12
Year Course

This is a life skills class designed to help students learn the necessary skills to be successful in today's world. This class will teach student's how to read a menu, safety signs, and the importance of being able to complete forms.

Functional Health
CD041 – Semester 1
CD042 – Semester 2

1.0 Credit

Grades: 9-12
Year Course

This is a life skills class designed to help students learn skills to be successful in today's world and will show them how to use these skills in their daily life. The skills include learning how to balance a menu, personal hygiene skills, and the benefits of exercise.

Resource
AE399 – Semester 1
AE400 – Semester 2

.5/1.0 Credit

Grades: 9-12
Semester Course

The resource class is designed for development of essential skills necessary for academic success and to provide academic support for classes the student is taking. Assistance includes, but is not limited to, instructional support to complete grade-level assignments, test taking strategies, test taking assistance, organizational skills, development and writing of research papers, and reading and math strategies. The resource teacher will collaborate with the student's teachers regarding possible accommodations and/or modifications that may be necessary or are required for student success. This is a pass/fail course.



Courses	Credit	Year	Prerequisites
Introduction to Engineering Design	1.0	9-12	Must be enrolled in Integrated Math I or higher
Principles of Engineering	1.0	10-12	Must have earned C- or higher in Integrated Math I/Algebra I. Must be enrolled in Geometry, Algebra II or higher level math class
Civil Engineering and Architecture	1.0	11-12	Must have earned C- or higher in Integrated Math I/Algebra I. Must be enrolled in Integrated Math II, Geometry, Algebra II or higher level math class
Intro to iJAG	1.0	11-12	Recommendation of counselor and interview with instructor
iJAG II	1.0	12	Successful completion of Intro to iJAG
Shielded Metal Arc Welding	1.0	11-12	
Occupational Welding	2.0	11-12	Shielded Metal Arc Welding
Basic Precision Measurement-BHC Dual Credit	.5	11-12	Enrollment in Welding Program
Essentials Of Technical Math-BHC Dual Credit	1.0	12	Enrollment in Welding Program
Computer Aided Design I	1.0	10-12	None
Computer Aided Design II	1.0	11-12	Computer Aided Design I
Graphic Design I	1.0	10-12	Art Forms
Graphic Design II	1.0	11-12	Graphic Design I
Trinity Health Occupation Academy	1.0	11-12	Biology I
Occupational Health	2.0	11-12	Biology I and Anatomy & Physiology
Medical Terminology – BHC Dual Credit	.5	11-12	83 or higher on COMPASS Reading Test

PROJECT LEAD THE WAY (PLTW)

“Project Lead The Way is the nation's leading provider of science, technology, engineering, and math (STEM) programs. Through world-class K-12 curriculum, high-quality teacher professional development, and outstanding partnerships, PLTW is helping students develop the skills needed to succeed in the global economy. PLTW’s success in preparing students with the knowledge and skills they need to succeed has been recognized by colleges and universities, Fortune 500 businesses, and numerous national organizations including Change the Equation, the Social Impact Exchange, and more.” (<https://www.pltw.org/about-pltw>)

Introduction to Engineering Design (IED) 1.0 Credit Grades: 9-12

VOC81 – Semester 1

Year Course

VOC82 – Semester 2

Prerequisite: Must be enrolled in Integrated Math I/Algebra I or higher

This is a Project Lead the Way foundation course (PLTW). Using industry standard, three-dimensional modeling software, students utilize a problem-solving model to improve existing products and/or invent new ones, and learn how to effectively communicate their ideas and solutions to peers and members of the professional community. The major focus of the IED course is to expose students to the design process, teamwork, research and analysis, engineering standards, and technical documentation. Strong math skills are recommended.

Principles of Engineering (POE) 1.0 Credit Grades: 10-12

VOC85 – Semester 1

Year Course

VOC86 – Semester 2

Prerequisite: Must have earned C- or higher in Integrated Math I/Algebra I. Must be enrolled in Integrated Math II/Geometry, Algebra II, or higher level math class.

This is a Project Lead the Way foundation course (PLTW). This course exposes students to major concepts they will encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials and kinematics. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. Strong math skills are recommended.

Civil Engineering and Architecture (CEA) 1.0 Credit Grades: 11-12

VOC67 – Semester 1

Year Course

VOC68 – Semester 2

Prerequisite: Must have earned C- or higher in Integrated Math I/Algebra I. Must be enrolled in Integrated Math II/Geometry, Algebra II, or higher level math class.

Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building and site design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation energy efficiency, and careers in the design and construction industry. Students use industry standard 3D architectural modeling software to facilitate site and building design and technical documentation.

Introduction to iJAG**1.0 Credit****Grades: 11-12**

VOC83 - Semester 1

Year Course

VOC84 - Semester 2

Prerequisite: Recommendation of counselor and interview with instructor

Introduction to iJAG, a career exploration and preparation program, provides an educational hands-on approach in exploring personal strengths and weaknesses. Students will work to build strengths in academic areas, time management, learn about personality and temperament, understand communication models for personal and career use, identify values and understand the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities and aptitudes by determining their education and career goals. Students will be able to demonstrate core competency attainment. All students are expected to participate in the student led Career Association. The program format involves individual assignments, team building activities/projects, academic remediation, service learning and guest speakers. Fieldtrips may be included. An interview with the instructor will be held prior to admittance to the course.

iJAG II**1.0 Credit****Grade: 12**

VOC87- Semester 1

Year Course

VOC88 - Semester 2

Prerequisite: Successful completion of Introduction to iJAG

iJAG II offers an advanced career preparation program that provides an educational, hands-on approach in employability/job attainment skills (resumes, cover letters, job applications, interviewing, etc.) and work place survival skills. Students will continue their own self-study on career options, with emphasis on planning of life after high school graduation. This format involves individual assignments, team activities/projects, academic remediation, service learning and guest speakers. Field trips may be included. All students will be expected to complete a job shadow and participate in the student led Career Association. All students will complete a professional career portfolio.

Graphic Design I**1.0 Credit****Grades: 10-12****Prerequisite: Art Forms****Year Course**

VOC19 - Semester 1

VOC20 - Semester 2

This course is the first year of a two-year program which teaches the principles of layout and graphic design. Students will expand their design skills by developing their artwork, photographs, and graphics by using computer programs in the Adobe CS3 suite. The first year will focus on learning and applying Adobe Photoshop, Adobe Illustrator, and Adobe Indesign. Basics of digital photography will be applied to their final designs.

Graphic Design II**1.0 Credit****Grades: 11-12****Prerequisite: Graphic Design I****Year Course**

VOC21 - Semester 1

VOC22 - Semester 2

This course expands the student's ability learned in the first year of Graphic Design I. Students will apply advanced techniques in Adobe CS3 suite. First semester will focus on print publications, applying their graphic design skills in Adobe Photoshop, Adobe Illustrator, and Adobe Indesign. Second semester will incorporate video production and basic animation using Adobe Premier Pro and Adobe Flash CS3 Professional. Digital video photography will be applied to final design as a final portfolio will be required.

Computer Aided Design I**1.0 Credit****Grades: 10-12**

VOC13 - Semester 1

Year Course

VOC14 - Semester 2

This course will introduce students to the basics of Computer Aided Design using 3-dimensional modeling software that is used in today's manufacturing industry. In the first semester, students will learn the functions of the program, including the sketch entities and features. In second semester, students will learn how to assemble parts and display them in a drawing.

Shielded Metal Arc Welding**1.0 Credit****Grades: 11-12****BHC Dual Credit****Year Course****VOC25 – Semester 1****6 BHC Credits****VOC26 – Semester 2**

Students will learn basic Shielded Metal Arc welding skills and safety around a welding shop. There will be a concentration on flat, horizontal, and vertical positions and butt, lap and corner joints. This is a dual credit class with Black Hawk College. Students will be required to provide their own welding gloves, safety glasses and pay a registration fee to Black Hawk College. (\$15 per credit hour)

Occupational Welding BHC Dual Credit**2.0 Credits****Grades: 11-12****VOC27 – Semester 1****Year Course (2 Periods)****VOC28 – Semester 2****8 BHC Credits****Prerequisite: Shielded Metal Arc Welding**

In this course, students will continue working with Shielded Metal Arc welding and learn the basics of MIG welding, TIG welding, and Oxy-Acetylene cutting. Metal working procedures such as cutting, bending, drilling, forming and identifying various types of metal will also be included and safety will be emphasized. A project will be required. This is a dual credit class with Black Hawk College. Students will be required to provide their own welding gloves, safety glasses and pay a registration fee to Black Hawk College. (\$15 per credit hour)

Basic Precision Measurement**.5 Credit****Grades: 11-12****BHC Dual Credit****One Semester****BHC7****2 BHC Credits****Prerequisite: Enrolled in the Welding Program**

Measuring techniques required for machine operations in industry.

Course Objectives:

Upon completing this course, students should be able to:

- Measure parts using vernier calipers
- Measure parts using micrometers
- Measure and layout parts using scales
- Measure and layout parts using a combination square
- Evaluate part dimension according to blueprint dimensions and tolerances

This course, taken along with Essentials of Technical Math, will allow welding students to receive certification in welding. This course is intended for students enrolled in the welding program and students must be either junior or senior status.

Essentials of Technical Math**1.0 Credit****Grade: 12****BHC Dual Credit****Year Course****BHC9 – Semester 1****5 BHC Credits****BHC10 – Semester 2****Prerequisite: Enrolled in the Welding Program**

This course includes a thorough review of arithmetic, an in-depth study of plane geometry concepts, an introduction to the metric system, and an introduction to trigonometry.

Course Objectives:

Upon completing this course, students should be able to:

- Perform arithmetic operations with real numbers including scientific notation.
- Perform arithmetic operations to evaluate algebraic expressions and formulas.
- Convert between metric and English units of measurement.
- Solve problems in technology using elementary geometric terms, concepts, and formulas.
- Solve problems in technology using right angle and oblique trigonometry

All problem solving will be done with and without the use of a graphing calculator. . This course is intended for students enrolled in the welding program and students must be either junior or senior status.

Trinity Health Occupations Academy
VOC55
2 Periods

1.0 Credit

Grades: 11-12
One Semester
Dual Credit
3 Trinity Credits

Prerequisites: Completion of application paperwork for acceptance into the course. Heart-saver CPR required prior to the start of the course. CPR certification is provided free of charge at Trinity College of Nursing & Health Science for accepted Health Occupations Academy students.

The Health Occupations Academy provides a beginning exploration of healthcare and the careers that make up the industry. Topics include an overview of the history of healthcare, common healthcare safety practices, patient rights, values, ethics, healthcare worker shortages, economics and educational opportunities. Students will participate in both classroom activities and clinical observations. Clinical observations will take place in Trinity Health System facilities as well as community healthcare settings. **This course meets during intersession.**

Occupational Health – BHC Dual Credit 2.0 Credits

Grades 11-12
Year Course
8 BHC Credits

Prerequisites: Biology I and Anatomy & Physiology (can be taken concurrently)

2.0 GPA and application signed by counselor

VOC59 – Semester 1

VOC60 – Semester 2

This is a yearlong course designed to prepare the student to become a Nursing Assistant. Students will attain the knowledge and understanding of the skills to function as a responsible member of the health team. This course includes theory, laboratory practice, and clinical experience. The focus of the 40 hour clinical rotation will be caring for patients in a long term care facility. With successful completion the student will be able to take a state exam to become a Certified Nursing Assistant. It is a dual credit course with Black Hawk College. (\$15 per credit hour) If at the semester the student does not have a C- or higher, he/she will not be able to continue enrollment in the class. Students must obtain a “C” both semesters and complete 40 clinical hours to earn college credit. Clinical days will vary. Students must have good attendance. Additional costs may be associated with this course of study. Information regarding fees and course requirements are available through the instructor.

Medical Terminology – BHC Dual Credit .5 Credit

Grades: 11-12
One Semester
3 BHC Credits

BHC11 – Semester 1

BHC12 – Semester 2

Prerequisites: 83 or higher on COMPASS Reading Test

This course presents the principles of medical word construction through identification of root words, prefixes, suffixes, combining forms, and methods of building medical terms. Emphasis is placed on correct medical word spelling, pronunciation and definition, while introducing terminology specific to various body systems. The course is intended to prepare students to classify medical information for use in a variety of health care professions. This is a Dual Credit class with Black Hawk College earning 3 cr. hrs. It is a Semester class at Rock Island High School earning .5 cr. hrs.



Courses	Credit	Year	Notes/Prerequisites
Spanish I	1.0	9-12	C in English is strongly recommended
French I	1.0	9-12	C in English is strongly recommended
German I	1.0	9-12	C in English is strongly recommended
Spanish II	1.0	10-12	C in Spanish I is recommended
French II	1.0	10-12	C in French I is recommended
German II	1.0	10-12	C in German I is recommended
Spanish III	1.0	11-12	C in Spanish II is recommended
French III	1.0	11-12	C in French II is recommended
German III	1.0	11-12	C in German II is recommended
Spanish IV	1.0	12	C in Spanish III is recommended
French IV	1.0	12	C in French III is recommended
German IV	1.0	12	C in German III is recommended

Whether you enter the business world or choose to continue your education beyond high school, there are many excellent reasons for studying a world language. If you desire to speak and write in a world language while enhancing your own cultural background, you are encouraged to enroll in the course of your choice.

World language requirements at the college and university level vary. To learn the graduation requirements for a specific college or university, consult the respective college catalog or your counselor. Four years of a world language is the equivalent to two years at the college level.

Daily homework, regular attendance, active participation, and the ability to memorize considerable amounts of material are required for successful completion of these courses.

Students may begin a study of world language in grades 9 through 12. Students are permitted to take more than one language with permission of language instructor.

French I - German I – Spanish I **1.0 Credit**
 F/L13 F/L23 F/L01 **Grade: 9-12**
 F/L14 F/L24 F/L02 **Year Courses**

Prerequisite: C or higher in English is strongly recommended
 This is the beginning course, designed to develop oral and written communication skills in the target language. The student will develop a proficiency in speaking, reading, and writing at a first year level. The student will develop an appreciation and awareness of the culture and the importance of languages. **Students at all levels must have the ability to memorize vocabulary, verb conjugations, and other grammar points.**

French II - German II - Spanish II **1.0 Credit**
 F/L15 F/L25 F/L03 **Grades: 10-12**
 F/L16 F/L26 F/L04 **Year Courses**

Prerequisite: C or higher in first year French, German, or Spanish is recommended
 This is a second year course, designed to further develop oral and written communication skills in the target language. The student will develop a proficiency in speaking, reading, and writing at a second year level. The student will continue to develop an appreciation and awareness of the culture and the importance of languages.

French III - German III - Spanish III **1.0 Credit**
 F/L17 F/L27 F/L05 **Grades: 11-12**
 F/L18 F/L28 F/L06 **Year Courses**

Prerequisite: C or higher in second year French, German, or Spanish is recommended
 Emphasis is placed on reading comprehension with continued attention to conversational written skills. The course provides a thorough review of grammar. It offers more insights into the culture of the people and their history, literature, art and music.

French IV - German IV - Spanish IV

1.0 Credit

Grade: 12

F/L19

F/L29

F/L07

Year Courses

F/L20

F/L30

F/L08

5.0 Weighted Credit

Prerequisite: C or higher in third year French, German, or Spanish is recommended

Emphasis is placed on oral communication skills, composition, and the projects using the target language. Grammar and structure are reviewed, and the study of culture and civilization continues.

Area Career Center Courses Available to Juniors and Seniors
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Auto Body I	2.0 credits Prerequisite: None	Grades: 11-12 Year Course (3 Periods)
Auto Body II	2.0 credits Prerequisite: Auto Body I	Grade: 12 Year Course (3 Periods)
Auto Mechanics I	2.0 credits Prerequisite: None	Grades: 11-12 Year Course (3 Periods)
Auto Mechanics II	2.0 credits Prerequisite: Auto Mechanics I	Grade: 12 Year Course (3 Periods)
Barbering and Hairstyling	2.0 credits Prerequisite: None	Grades: 11-12 Year Course (3 Periods)
Building Trades I	2.0 credits Prerequisite: None	Grades: 11-12 Year Course (3 Periods)
Building Trades II	2.0 credits Prerequisite: Building Trades I	Grade: 12 Year Course (3 Periods)
Cosmetology	2.0 credits Prerequisite: Provide transportation	Grades: 12 Year Course (3 Periods)
Extended Campus Health Occupations II	2.0 credits Prerequisite: Health Occ. I	Grades: 12 Year Course (3 Periods)
Fire Science & Fire Fighting I	2.0 credits Prerequisite: None	Grades: 11-12 Year Course (3 Periods)
Fire Science & Fire Fighting II	2.0 credits Prerequisite: Fire Science & Fire Fighting I	Grade: 12 Year Course (3 Periods)
Law Enforcement & Public Safety I	2.0 credits Prerequisite: None	Grades: 11-12 Year Course (3 Periods)
Law Enforcement & Public Safety II	2.0 credits Prerequisite: Law Enforcement & Public Safety I	Grade: 12 Year Course (3 Periods)
Manufacturing Tech. I	2.0 credits Prerequisite: Screening Committee	Grades: 11-12 Year Course (3 Periods)

Manufacturing Tech. II	2.0 credits	Grade: 12
	Prerequisite: Manufacturing Tech. I Year Course (3 Periods)	
Woodworking Trades I	2.0 credits	Grades: 11-12
	Prerequisite:	Year Course (3 Periods)
Woodworking Trades II	2.0 credits	Grade: 12
	Prerequisite: Woodworking	