

Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration



Clinton
Home of the Maroons!

CLINTON COMMUNITY HIGH SCHOOL

2024-2025

COMMITTED TO EXCELLENCE

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CLINTON HIGH SCHOOL GRADUATION REQUIREMENTS



A student must earn a total of forty-four (44) academic credits to graduate. A maximum of ten (10) credits in music and/or band may be counted toward the forty-four credit requirements. Early graduates are exempt from one credit of physical education, but are still required to have 44 academic credits.

The following courses are required for graduation at Clinton High School:

<u>Subject</u>	<u>Credits</u>
English	8 Credits
Mathematics	6 Credits (Algebra I and Geometry are required)
Science	4 Credits
Social Studies	4 Credits (American History/AP US History and Civics are required)
Health	1 Credit
Consumer Education	1 Credit
Technology Skills I	1 Credit
Driver Education	0.5 Credits (Classroom phase is required to meet state safety instruction)
Music, Art, Foreign Language, Theatre Arts or Vocational Ed	2 Credits
Physical Education (unless exempt)*	7 Credits

All students must also pass an examination of flag etiquette, the Illinois Constitution, and the United States Constitution.



MINIMUM REQUIREMENTS FOR STATEWIDE COLLEGE/UNIVERSITY ADMISSIONS

The Board of High Education has established statewide minimum admission standards for public colleges and universities in Illinois. The following high school subjects will be required of college freshman entering any public universities.

<u>Subject</u>	<u>Credits</u>
English	8 Credits
Mathematics	6 Credits
Science (Laboratory Sciences)	6 Credits
Social Studies	6 Credits
Music, Art, or Foreign Lang.	4 Credits

Individual public universities and community colleges may have other subject requirements in effect before fall, as well as other requirements involving test scores and grade point averages. Applicants must contact each college or university individually for specific requirements.



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2024-2025 COURSE OFFERING SUMMARY

Students have one week from the beginning of the semester to drop a class without penalty. Any class dropped after that length of time may be recorded as a withdrawal/failing grade.

KEY:

***Semester Course**

****Classes that may be repeated**

(R) Required Course

(RCC) Richland College Courses

AGRICULTURE	Course #	Credit	Grade Level
Introduction to Agriculture Industry	510	2	9, 10
*Greenhouse Production and Floral Design	517	1	10, 11, 12
*Basic Horticulture	516	1	10, 11, 12
*Natural Resources Conservation & Management	514	1	10, 11, 12
*Agribusiness Operations/Management	522	1	11, 12
*Basic Animal Science	523	1	10, 11, 12
*Biological Science Applications in Agriculture-Plants	519	1	11, 12
*Biological Science Applications in Agriculture-Animals	520	1	11, 12
*Physical Science Applications in Agriculture 1	518	1	11, 12
*Physical Science Applications in Agriculture 2	521	1	11, 12
Pre-Veterinary Science	531	2	11, 12
**Supervised Agricultural Experience	525	.05	9, 10, 11, 12

510 INTRODUCTION TO AGRICULTURE

Grade Level: 9-10 **Credits:** 2 (Year) **Prerequisite:** None

Objective: This course is designed to acquaint the student with career opportunities in agriculture, with basic fundamental principles of the different areas within agriculture.

Description: The introductory course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national, and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticultural, agricultural resources, agribusiness management, agricultural mechanics and an introduction to FFA are included. The development of skills is enhanced by student involvement in Supervised Agricultural Experience and FFA activities. FFA membership is not required but is highly suggested.

514 NATURAL RESOURCES & CONSERVATION MANAGEMENT

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** None (Intro to Agriculture is suggested)

Objective: This course is designed to provide students with a greater understanding of our world's natural resources, how they impact the agriculture industry, and how we can work to conserve them.

Description: This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in: understanding natural resources and its importance; fish, wildlife, and forestry management and conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and managing tree forests, and outdoor safety education will be featured. Career exploration will be discussed including: park ranger, game warden, campground manager, forester, conservation officer, wildlife manager, and related occupations. FFA membership is not required but is highly suggested.



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516 BASIC HORTICULTURE

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** None (Intro to Agriculture is suggested)

Objective: To have a better understanding of the anatomy of plants and the ability to grow and care for plants in the greenhouse.

Description: This course is designed for students to develop knowledge on the anatomy of plants, plant propagation and growth, and plant identification. Students will learn different pruning techniques for landscape and will have the opportunity to use them. In the fall semester students will grow poinsettias for the holiday season to sell. In the spring semester the students will grow plants for the plant sale, sell strawberries, and working at least one shift at the plant sale is required. FFA membership is not required but is highly suggested.

517 GREENHOUSE PRODUCTION & FLORAL DESIGN

Grade Level: 10-12 **Credits:** 1 (Semester - Spring) **Prerequisite:** Basic Horticulture (Intro to Agriculture is suggested)

Objective: The students will be able to put together small floral arrangements, draw landscape plans, and grow plants for the spring plant sale.

Description: This course focuses on greenhouse managements, floral design, landscape design, and related segments of the horticulture industry. Students will learn how to lay out a landscape plan to scale. Assemble corsages, bud vases, and other floral design projects plus students will grow the bedding plants for the spring flower sale. Students will also learn about plant propagation, insect and disease control, and soil fertility. Working at least one shift of the plant sale is required. FFA membership is not required but is highly suggested.

523 BASIC ANIMAL SCIENCE

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** None (Intro to Agriculture is suggested)

Objective: This course is designed to provide students with an understanding of the animal science industry as it pertains to agriculture.

Description: The major focus of this course is to expose students to agriculture, animal science, and related career options. Students participating in this course will have experiences in various animal science concepts with exciting hands-on activities, projects, and problems. Students' experiences will involve the study of animal anatomy, physiology, behavior, care, and nutrition. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets. FFA membership is not required but is highly suggested.

531 PRE-VETERINARY SCIENCE

Grade Level: 11-12 **Credits:** 2 (Year) ~ Science Credit **Prerequisite:** 4 credits from science with at least 2 from Bio/Gen Bio & Intro to Ag is suggested

Objective: This course is designed to provide students with foundational knowledge needed in a career in veterinary medicine, and to develop practical skills related to animal handling and care.

Description: This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. FFA membership is not required is highly suggested.

519 BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE ~ PLANTS

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** Successful completion of 1 year of Biology (Intro to Ag recommended)

Objective: Students will have an extended understanding of basic biological science concepts and principles related to plants.

Description: Students will examine major phases of plant growth and management in agriculture and the specific biology concepts. Topics of study are in the areas of initiating plant growth-germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth-photosynthesis, respiration, translocation, metabolism, and growth regulation. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Students will also conduct many labs in each area of study. Some examples of labs include testing corn for albinism, extracting chlorophyll from plants, and many more labs. FFA membership is not required but is highly suggested.



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520 BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE ~ ANIMALS

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** Successful completion of 1 year of Biology (Intro to Ag recommended)

Objective: Students will have an extended understanding of basic biological science concepts and principles related to animals.

Description: Students will examine major phases of animal growth and management in agriculture and the specific biology concepts. Topics of study are in the areas of growth and development of animal embryology, ethology, nutrition, immunity systems, and processing animal products-preservation, fermentation, and pasteurization. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Students will also conduct many labs in each area of study. Some examples of labs include the extraction of DNA, the hatching of chicks, the making of cheese and many more. FFA membership is not required but is highly suggested.

518 PHYSICAL SCIENCE APPLICATIONS IN AGRICULTURE 1

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** Successful completion of ILS & Algebra (Intro to Ag recommended)

Objective: Students will have an extended understanding of basic physical science concepts and principles.

Description: Students will examine environmental/natural resource systems, Ag production systems, Ag structural systems, and power systems. This course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Students will also conduct many labs in each area of study. Some examples of labs include sedimentation test, soil tests, designing a free span structure and many more. FFA membership is not required but is highly suggested.

521 PHYSICAL SCIENCE APPLICATIONS IN AGRICULTURE 2

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** Successful completion of ILS & Algebra (Intro to Ag recommended)

Objective: Students will have an extended understanding of basic physical science concepts and principles.

Description: Students will examine Ag mechanics and machine systems, handling and storing of plant products, processing animal products and Ag processing systems. This will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Students will also conduct many labs in each area of study. Examples of labs include testing for carbohydrates, fats and proteins, enzymatic browning, salt as a food preservative, viscosity, testing for Vitamin C, and many more. FFA membership is not required but is highly suggested.

522 AGRIBUSINESS OPERATIONS/MANAGEMENT

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** None (Intro to Ag suggested)

Objective and Description: This course is designed to provide opportunities for the student to master skills and competencies required in agribusiness. Units emphasize advanced math, science and technical skills required in agribusiness management as well as the study of the processing and marketing of agricultural products, advanced record keeping, aquaculture, hybridization, reproduction, and genetics applications in agriculture. Opportunities in agricultural management careers are explored utilizing the FFA and Supervised Agricultural Experience. This course meets the state Consumer Education requirement. FFA membership is not required but is highly suggested.

525 SUPERVISED AGRICULTURAL EXPERIENCE PROGRAM

Grade Level: 9-12 **Credits:** 1 (0.5 per semester) **Prerequisite:** FFA Membership

Objective: To develop skills and knowledge needed in agriculture occupations including management, finance, budgeting, sales, purchasing, and records keeping.

Description: Students enrolled in an agricultural course may earn an additional 1/2 credit per semester for successful operation of a supervised occupational experience program. The program must include at least two projects areas and be part of a long-term plan, including at least part of the summer months. Projects can be in placement, improvement, or production areas. Hours of time spent should be comparable to those of a cooperative work experience program. Experiences gained, money invested, and records kept will also be considered in determining if credit will be given. Supervisory visits will be conducted by the agricultural teacher. No more than 2 credits for S.A.E.P. may be counted toward the 4 elective credits required for graduation.



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<u>ART</u>	<u>Course #</u>	<u>Credit</u>	<u>Grade Level</u>
<u>*Art I</u>	150	1	9, 10, 11, 12
<u>*3D</u>	152	1	9, 10, 11, 12
<u>*Advanced Art</u>	153	1	9, 10, 11, 12
<u>*Advanced 3D</u>	154	1	10, 11, 12
<u>*Digital Photography I</u>	155	1	10, 11, 12
<u>*Digital Photography II</u>	156	1	10, 11, 12
<u>Studio Art</u>	164	2	11, 12

150 ART I

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: This is an introductory art course designed to provide students with a foundational understanding of the elements and principles of art and a variety of media. The course provides students an opportunity to express and nurture their creative instincts and to develop a high sense of appreciation for an atmosphere where individual expression is encouraged. Weekly sketch assignments are required.

Description: This course enables students to explore tools, techniques, and media which provide them with the foundation necessary to advance their skills in art. The studio activities will focus on drawing and painting skills, art concepts, and an exploration of a variety of media including ink, scratchboard, paint, etc. Emphasis is on the commitment to concept, originality, structures and composition, process and media, and technical skills and craftsmanship within each studio activity.

152 3D

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: To introduce students to a variety of three-dimensional media, including clay, and relate these media to elements of a good design.

Description: 3D is designed for students to learn basic art skills while creating functional works of art with emphasis placed on craftsmanship and creativity. The course focuses on the design and production of artwork also encompassing art history and aesthetics. Students will be introduced to 3D construction using a variety of media including plaster, fibers, and a variety of clay building techniques.

152 ADVANCED ART

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** "C" or better in Art I

Objective: This is an advanced level class for students with a strong interest in drawing and design. Sketch assignments are required, in addition to an in depth study of the Elements and Principles Design.

Description: The artistic focus in this course is the development of individual expression through the use of creative visual problem solving. Students will be challenged to brainstorm and develop preliminary sketches for all art production. The course is designed to develop personal expression and personal style. Emphasis is on idea development and non-verbal communication. The study of artists and their styles is included in this course. Students will further develop their skills in drawing and use of a variety of 2D media.

154 ADVANCED 3D

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** "C" or better in 3D

Objective: Students will be better prepared by allowing them to explore several different three dimensional materials with a more in depth skill level, using advanced techniques.

Description: Advanced 3D is designed for students who have successfully completed 3D to learn more advanced art skills while creating functional works of art with emphases placed on advanced techniques and creativity. The course focuses on the design and production of artwork also encompassing art history and aesthetics. Students will work with a variety of 3D construction using a variety of media including plaster, fibers, with a main focus on ceramics. Students will be expected to create thoughtful, artistic designs consistent with any student in an advanced level course.



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155 DIGITAL PHOTOGRAPHY I

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: This is a project-based class designed for those with little or no experience using digital cameras or using digital imaging software. Topics covered: Digital concepts, digital camera operation, uploading files, editing files, working with layers in Photoshop, and some advanced shooting techniques.

Description: This course explores the basics of digital camera operation, digital image capture, and the electronic output of photographic images for both screen-based and printed media. Students work through a series of technical and creative projects that provide a strong foundation in the hardware, software and techniques associated with digital photographic imaging.

Equipment Required: Digital camera w/ memory card, batteries, and USB Flash drive. The majority of the work will be done in class and on the computer, however, students will be required to take weekly photograph assignments outside of class.

156 DIGITAL PHOTOGRAPHY II

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** "C" or better in Digital Photography I

Objective: This course is intended to advance student knowledge of both the technical and aesthetic aspects of digital photography and to enhance abilities in using photography as an art form. In addition to photographic skills, the creative process will be covered: capturing, enhancing, presenting, discussing, and distributing photographic work.

Description: In-class lessons will generally take the form of a lecture/demo followed by in-class work sessions: A successful student will attend class and be productive during labs; hand in all assignments on time; participate in critiques; interact with classmates and teacher to discuss and improve their work; and hand in a final portfolio.

Equipment Required: Digital camera w/ memory card, batteries, and USB Flash drive. The majority of the work will be done in class and on the computer, however, students will be required to take weekly photograph assignments outside of class.

164 STUDIO ART

Grade Level: 11-12 **Credits:** 2 (Year) **Prerequisite:** Successful completion of at least 4 Art Classes, Approval of Contract by Instructor

Objective: The purpose of the course is to develop a portfolio for possible submission to art schools. Students who sign up for this course MUST be seriously considering art as a career choice. Students are required to complete a contract for this course, including project ideas, a minimum of objectives for each project, and time frames for completion. Students are required to keep a sketchbook.

Description: This course is designed for students who intend to pursue further study in art as a possible career. The aim of the course is to prepare the student to assume responsibility for the direction that study may lead. The student will be encouraged to investigate areas of concentration, (careers). They are expected to set and achieve appropriate goals; including a portfolio, and the development of a sufficient body of work to submit for review to colleges.

<u>BUSINESS EDUCATION</u>	<u>COURSE #</u>	<u>CREDIT</u>	<u>GRADE LEVEL</u>
<u>Business Concepts (Consumer Ed Credit)</u>	<u>605</u>	<u>2</u>	<u>9, 10</u>
<u>*(R) Tech Skills I</u>	<u>611</u>	<u>1</u>	<u>9, 10, 11, 12</u>
<u>*Tech Skills II (Microsoft Office – Certification Option)</u>	<u>616</u>	<u>1</u>	<u>9, 10, 11, 12</u>
<u>*Multi Media</u>	<u>617</u>	<u>1</u>	<u>10, 11, 12</u>
<u>*Web Technologies</u>	<u>618</u>	<u>1</u>	<u>10, 11, 12</u>
<u>*Sports & Entertaining Marketing</u>	<u>634</u>	<u>1</u>	<u>10, 11, 12</u>
<u>*Accounting I</u>	<u>621</u>	<u>1</u>	<u>10, 11, 12</u>
<u>*Accounting II</u>	<u>622</u>	<u>1</u>	<u>11, 12</u>
<u>**Yearbook</u>	<u>631</u>	<u>1 or 2</u>	<u>10, 11, 12</u>
<u>CEO Program</u>	<u>644</u>	<u>4</u>	<u>11, 12</u>
<u>*(R) Consumer Ed</u>	<u>690</u>	<u>1</u>	<u>12</u>
<u>** T.V. Production</u>	<u>691</u>	<u>1 or 2</u>	<u>11, 12</u>



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605 BUSINESS CONCEPTS

Grade Level: 9-10 **Credits:** 2 (Year) **Prerequisite:** None

Objective: The two major purposes of the course are to 1) introduce the students to basic business principles and 2) to increase personal financial knowledge. **This course meets the state Consumer Education requirement.**

Description: The goal of the course is to develop an understanding of the following items: forms of business ownership, personal finances and checking accounts, business math, communication skills, and business career exploration. A variety of software programs, projects and simulations will be used.

611 TECH SKILLS I ~ REQUIRED

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: Goals of this course include a review of keyboarding skills, computer operations, and Microsoft applications. Students will expand document formatting knowledge for use in high school and college.

Description: Technology instruction will include computer operations, file management, internet use, and basic knowledge of Microsoft programs. Students will become more familiar using technology for the tasks needed in school, work and college.

616 TECH SKILLS II

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** Tech Skills I or Instructor Consent

Objective: The goal of this course is to increase student proficiency in using technology for school, home, college, and on-the-job by focusing on Microsoft Office Suite (presentation, word processing, and spreadsheet software) including Microsoft 365 (cloud productivity). Students obtain skills that should prepare them for the Microsoft Office Specialist Certification.

Description: Students will utilize the team and collaboration features in Office 365 as they work on various projects that include advanced features of spreadsheets, word processing, presentations, etc. The organizational tools in Outlook will also be emphasized. This class is highly recommended for students planning on continuing their post-secondary education and those looking for employment in an office setting after high school graduation.

617 MULTI MEDIA

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: The goal of this course is for students to learn to use various media formats to create media-based projects.

Description: Instruction will be provided in various software and multi-media equipment including Web tools, video and audio editing, digital and video cameras, scanners, interactive presentation boards, and web cams. Students will use these technologies to design, edit, and produce a variety of projects. This class is a great class to take if you plan on signing up for **TV Production**.

618 WEB TECHNOLOGIES

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: This course will focus on using web tools, web design principles, a variety of web site creation tools and software and coding.

Description: Students will learn the elements of designing a web site, the principles of web design, basic coding using HTML and Java. Web tools will be utilized to create various web projects.

634 SPORTS & ENTERTAINMENT MARKETING

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: This course will introduce students to marketing concepts and focus on the promotion of Clinton School District athletics and activities.

Description: This course will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing, sponsorship, event marketing, promotions, and sponsorship proposals. Recommended (not required) Courses: Business Concepts, Multimedia, Web Technologies.



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621 ACCOUNTING I

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: This course will give students an overview of accounting. *The college-bound business major or those interested in obtaining an entry-level job in an office or running their own business should sign up for this class.*

Description: Students will gain an understanding of the accounting cycle used in sole proprietorships and partnerships. The course covers balance sheets, income statements, journalizing, posting, bank reconciliation, and accounting terms. Students will obtain accounting experience by practicing teacher-prepared projects. Computerized accounting software and financial software will be introduced.

622 ACCOUNTING II

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** Accounting I

Objective: *The college-bound business major or those interested in obtaining an entry-level job in an office or running their own business should sign up for this class as a continuation of Accounting I.*

Description: The course will reinforce fundamentals learned in Accounting I and expand the concepts to apply to corporations. Payroll, depreciation, and other transactions applicable to different business structures are incorporated into this course. **Computerized accounting**, calculator, and financial software will be reinforced.

631 YEARBOOK

Grade Level: 10-12 **Credits:** 1 or 2 (Semester or Year) **Prerequisite:** Application Approval

Objective: The goal of this course is to produce the Clinton High School yearbook.

Description: Students will take, organize, and edit photographs. They will write copy, design, edit, and produce yearbook pages, flyers, programs, invitations, newsletters and presentations. Students will compose information to be used in preparing documents that will be used throughout the building and produce the yearbook. They will also participate in yearbook advertising/sales campaigns.

691 TV PRODUCTION CLASS

Grade Level: 11-12 **Credits:** 1 or 2 (Semester or Year) **Prerequisite:** Eng 9 and 10. *Completed Application returned to Mrs. Reeves*

Objective: The students will produce a daily broadcast which will include the daily announcements, promos, feature presentations, and maintain the electronic billboard. Students will also create a variety of other unique video projects. A rotation schedule is used to provide the students with experience in all aspects of television production, including news reporting, lighting, camera operation, sound and editing.

Description: Students will learn how to operate all of the equipment and create a daily show. Students will act as reporters for the news. They will be responsible for researching, writing, taping and editing the special feature stories included in the daily newscast. Students will work with a variety of equipment including computers, digital cameras, scanners, cameras, video cameras, and digital media. In addition, they use different computer software packages such as presentation media, video editing, photo editing, desktop publishing and web tools.

690 CONSUMER EDUCATION ~ REQUIRED

Grade Level: 12 **Credits:** 1 (Semester) **Prerequisite:** None ... Consumer Education is required for graduation.

Objective: After completing this course, students should be able to 1) understand the role of a consumer in the marketplace, 2) identify roles of a citizen when coping with personal, local, state, and national economic affairs, and 3) apply budgeting, banking, and credit principles to personal and family finances while being aware of an individual's rights and responsibilities.

Description: Consumer education is the development of the individual in the skills, concepts, and understandings required for everyday living.



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644 CEO PROGRAM

Grade Level: 11-12 **Credits:** 4 (Year)

Prerequisite: The student selection process is a defined process. Students must submit an online request for admission, letters of recommendation and complete an entrepreneurial profile. Students need to have reliable transportation and counselor and/or principal approval.

Objective: Entrepreneurship education seeks to prepare people, especially youth, to be responsible, enterprising individuals who become entrepreneurs or entrepreneurial thinkers and contribute to economic development and sustainable communities. The [CEO program](#) is much more than a textbook course. Rather, students are immersed in real life learning experiences with the opportunity to take risks, manage the results, and learn from the outcomes.

Description: Creating Entrepreneurial Opportunities class meets five days a week for 90 minutes a day and is a year-long, two credit high school course including Clinton, Warrensburg-Latham, Blue-Ridge and Maroa-Forsyth school districts. The class meets in local businesses within these districts and changes locations throughout the year. Our local business community partners with area schools to create project based experiences for students by providing funding, expertise, meeting space, business tours, and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical; the 21st century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication, and inquiry are at the heart of a student's development throughout the course.

*Students have the option to earn dual credit through Western Illinois University for the spring semester

(R) DRIVER EDUCATION

	<u>Course #</u>	<u>Credit</u>	<u>Grade Level</u>
(R) Driver Education Class	276/278/280/282	.5	9, 10
Behind The Wheel (BTW)	277/279/281/283	0	9, 10

276/278/280/282 DRIVER EDUCATION (classroom required)

Grade Level: 9-10 **Credits:** 0.5 (Quarter ~ 9 weeks) **Prerequisite:** Student must be 15 years of age before quarter in which enrolling.

Objective: The goal of driver education is to develop traffic citizens who will be competent and responsible users of the highway transportation system.

Description: Driver Education is a two-phase program consisting of classroom and laboratory instruction. All students should have an equal opportunity to enroll during the semester or period of time when they have reached legal driving age or are closely approaching it. Classroom instruction lasts for a period of one quarter to meet the minimum state requirement of thirty clock hours (1800 minutes). Students may be dropped from the roster due to lack of attendance. To participate in behind-the-wheel instruction, a student must have completed the classroom instruction. Each student must have in their possession a valid instruction permit issued by the Secretary of State, when engaged in vehicle operation. To obtain an instruction permit, each student must have a social security card, pay \$20.00, and pass three tests (traffic laws, traffic signs, vision). The driving order is oldest to youngest per period. Each student needs six clock hours (360 minutes) of driving and observation.

****Special Note:** Enrollment in a driver education class is closed at the beginning of the course. No student may transfer into this class after its first meeting. Any student accumulating five days of absences/suspensions (in school or out) shall become ineligible for behind the wheel training for a period of the remainder of the school year.



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<u>ENGLISH</u>	<u>COURSE #</u>	<u>CREDIT</u>	<u>GRADE LEVEL</u>
<u>English 9</u>	<u>111</u>	<u>2</u>	<u>9</u>
<u>Advanced English 9</u>	<u>110</u>	<u>2</u>	<u>9</u>
<u>English 10</u>	<u>121</u>	<u>2</u>	<u>10</u>
<u>Advanced English 10</u>	<u>120</u>	<u>2</u>	<u>10</u>
<u>English 11</u>	<u>131</u>	<u>2</u>	<u>11</u>
<u>AP Language and Composition</u>	<u>130</u>	<u>2</u>	<u>11</u>
<u>* English 12 I</u>	<u>135</u>	<u>1</u>	<u>12</u>
<u>* English 12 II</u>	<u>136</u>	<u>1</u>	<u>12</u>
<u>Modern Text Studies</u>	<u>134</u>	<u>2</u>	<u>11, 12</u>
<u>*Creative Writing</u>	<u>137</u>	<u>1</u>	<u>12</u>
<u>*Science Fiction</u>	<u>138</u>	<u>1</u>	<u>12</u>
<u>*British Literature I</u>	<u>140</u>	<u>1</u>	<u>12</u>
<u>*British Literature II</u>	<u>141</u>	<u>1</u>	<u>12</u>
<u>AP English Literature</u>	<u>143</u>	<u>2</u>	<u>12</u>
<u>*(RCC) Composition 1</u>	<u>145</u>	<u>1</u>	<u>12</u>
<u>*(RCC) Composition 2</u>	<u>146</u>	<u>1</u>	<u>12</u>

111 ENGLISH 9

Grade Level: 9 **Credits:** 2 (Year) **Prerequisite:** None

Objective: The aim of the course is to address the core standards in **literature, reading informational text, writing, and vocabulary acquisition, and speaking.**

Description: Coursework will include analysis of stories, informational text, dramas, and poems; presentation of student understanding through oral, written, and multi-media presentations; and acquisition of vocabulary through context, word analysis, and use of reference materials. Students will be required to engage in class discussion individually and in groups; complete short-term and long-term assignments, and recall, comprehend, and analyze literary content and concepts. Students will be required to process. Students will learn to employ in their writing an improved knowledge of punctuation, spelling, and capitalization as well as more sophisticated use of a variety of grammatical constructions and appropriate word choice. The higher order thinking skills of synthesis and evaluation will be emphasized.

110 ADVANCED ENGLISH 9

Grade Level: 9 **Credits:** 2 (Year) **Prerequisite:** Recommendation of 8th grade teachers

Objective: The aim of Advanced Literature/Writing 9 is to extend instruction beyond the college and career baseline and provide opportunities for accelerated study of literature, language, and written expression.

Description: The literary aspects of the course will include the study of the short story, poetry, informational text, drama, novels, biography/autobiography-all geared to the academically accelerated student. Students will understand, recognize, and analyze the different genres of literature beyond the basic level. The course will work at an accelerated pace. Included in the writing portion will be essays and researched essays that display above-average skill in vocabulary, spelling, grammar, and organization. Students will be expected to engage in individual and group academic discussions.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

121 ENGLISH 10

Grade Level: 10 **Credits:** 2 (Year) **Prerequisite:** Freshmen English

Objective: The aim of the course is to address college and career readiness core standards in reading, writing, speaking, and listening. Students will continue to navigate a variety of texts, both fictional and informational, in order to develop their skills in the English language arts classroom.

Description: Adhering to CCSS, English 10 centers on literature from around the world, delving into cultural elements within the literature, as well as reviewing story elements within the texts. Students will also practice learning and refining speaking and listening skills through speeches and presentations, and continue utilizing the writing process.

120 ADVANCED ENGLISH 10

Grade Level: 10 **Credits:** 2 (Year) **Prerequisite:** Advanced English 9 or recommendation of English 9 instructor

Objective: The aim of the course is to address college and career readiness core standards in **literatures, writing and vocabulary acquisition** as well as provide students with opportunities to develop their skills in **reading informational texts and in speaking and listening**.

Description: Adhering to CCSS, Advanced English 10 analyzes literature from around the world at an accelerated pace, delving into cultural elements, story elements, and literary and rhetorical devices. Students will also practice learning and refining speaking and listening skills through speeches and presentations, and continue utilizing the writing process with a special emphasis on rhetoric.

131 ENGLISH 11

Grade Level: 11 **Credits:** 2 (Year) **Prerequisite:** English 10

Objective: The aim of Literature/Writing 11 is to address the core standards in **literature, language, reading informational text, writing, and speaking** that have been adopted by the district.

Description: Using various genres of foundational and classic American literature, students will analyze complicated texts, cite thorough textual evidence to support their claims, determine meanings of unknown vocabulary, and produce clear and coherent writing appropriate to task. Students will integrate and evaluate multiple sources of information to produce a substantive research project that demonstrates command of the conventions of English grammar, usage, capitalization, punctuation, and spelling. Course recommended for students planning to attend 2 or 4 year college.

130 AP LANGUAGE AND COMPOSITION

Grade Level: 11 **Credits:** 2 (Year) **Prerequisite:** Advanced English 10 or recommendation of English 10 instructor

Objective: The aim of the course is to address the core standards in **literature, language, reading informational text, writing, and speaking** that have been adopted by the district.

Description: Advanced English 11 provides a comprehensive overview of 17th, 18th, 19th and early 20th century foundational works of American Literature and opportunities to produce complex writing that supports claims with multiple and appropriate sources of evidence. Students will conduct research to answer a question or solve a problem by synthesizing multiple sources and demonstrating understanding of the issue under investigation. Students will be able to incorporate counterarguments into their writing and choose rhetorical devices suitable to the tasks. Course recommended for students planning to attend 2 or 4 year college.

134 MODERN TEXT STUDIES

Grade Level: 11, 12 **Credits:** 2 (Year) **Prerequisite:** Previously taken or currently enrolled in English 11 or Advanced English 11.

Objective: Students in this course will learn to apply knowledge about the workings of literature (including literary and poetic devices) to other types of media and genres that they are likely to interact with.

Description: Throughout high school, students learn to actively engage with literature, analyzing and interpreting the use of literary and poetic devices, plot elements, rhetorical strategies, etc. This course transfers those skills to other types of media of various genres including: graphic novels and comic books, dance, rap music, movies and television shows, among others. Students will learn to reflect on intentional choices made by artists other than authors, becoming careful consumers of all texts.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

140 BRITISH LITERATURE

Grade Level: 12 **Credits:** 1 (Semester) **Prerequisite:** Previously taken or currently enrolled in English 11 or Advanced English 11.

Objective: Students in this course will practice and apply the Reading, Writing, Language, and Speaking core standards in preparation for college-level performance in literature, writing, and speaking that have been adopted by the district.

Description: Using various genres of foundational British Literature ranging from the Anglo-Saxon period to the Renaissance, students will analyze texts, cite thorough textual evidence to support a claim, determine meanings of unknown vocabulary, and produce clear and coherent writing appropriate to task such as analysis, synthesis, comparison, and research. Students will also engage in various speaking and real-world writing activities throughout the semester. Students will be required to compose several lengthy essays that exceed a simple report using primary and secondary sources and MLA formatting and documentation to be evaluated on depth of content, correct grammatical usage and mechanics, and precise documentation. Course recommended for students planning to attend a 2 or 4 year college.

141 BRITISH LITERATURE II

Grade Level: 12 **Credits:** 1 (Semester) **Prerequisite:** Previously taken or currently enrolled in English 11 or Advanced English 11.

Objective: Students in this course will practice and apply the Reading, Writing, Language, and Speaking core standards in preparation for college-level performance in literature, writing, and speaking that have been adopted by the district.

Description: Using various genres of foundational British Literature ranging from the 18th century to the Victorian era, students will analyze texts, cite thorough textual evidence to support a claim, determine meanings of unknown vocabulary, and produce clear and coherent writing appropriate to task such as analysis, synthesis, comparison, and research. Students will also engage in various speaking and real-world writing activities throughout the semester. Students will be required to compose several lengthy essays that exceed a simple report using primary and secondary sources and MLA formatting and documentation to be evaluated on depth of content, correct grammatical usage and mechanics, and precise documentation. Course recommended for students planning to attend a 2 or 4 year college.

138 SCIENCE FICTION

Grade Level: 12 **Credits:** 1 (Semester) **Prerequisite:** Previously taken or currently enrolled in English 11 or Advanced English 11.

Objective: Students in this course will apply the core standards in literature and writing while studying various texts in the science fiction genre.

Description: Science Fiction is a semester long English class where students will be attempting to answer the question: “What is ‘Science Fiction’?”. We will do this by examining and analyzing various pieces of literature, nonfiction articles, television episodes, and movies. Students will be asked to reflect upon the different aspects that all fall under the “Science Fiction” genre through a series of units: What is Science Fiction; Science and Technology; Alternate Worlds, Space, and Aliens; Utopias, Dystopias, and the Apocalypse; and The Future of Humanity and Alternate Histories.

137 CREATIVE WRITING

Grade Level: 12 **Credits:** 1 (Semester) **Prerequisite:** Previously taken or currently enrolled in English 11 or Advanced English 11.

Objective: Students in this course will apply the core standards in literature related to analyzing authors’ choices and those in writing narratives and using technology. This course provides opportunities for student creativity as they produce stories and poems based on the models provided by published authors.

Description: Creative Writing is a semester long English class where students will be looking at specific types of poetry as well as specific genres of short stories. Students are asked to focus on deeper analysis of pieces using various poetic and literary elements. Along with researching authors and poets, students are expected to create original poetry and short stories. Studied poetic forms are (but are not limited to) found poetry, ballads, sonnets, odes, limericks, and villanelles. Short story genres to be studied are (but are not limited to) horror, mystery, children’s literature, and graphic novels.

135/136 ENGLISH 12 I & II

Grade Level: 12 **Credits:** 1 (Semester) **Prerequisite:** Previously taken or currently enrolled in English 11 or Advanced English 11.

Objective: Students in this course will practice and apply the Reading, Writing, Language, and Speaking core standards in preparation for college level and career readiness performance in literature, writing, and speaking.

Description: Utilizing varied canonical literature, informational texts, and real-world texts, students will read, understand, and analyze texts, cite thorough and appropriate textual evidence to support a claim, determine the meaning of unknown vocabulary, and produce clear and coherent writing appropriate to task and purpose. Students will develop communication skills through various speaking and presentation activities throughout the semester. Students will be expected to compose two essays each semester that demonstrate a command of language, formatting, organization, and content appropriate to the task. Course recommended for students planning to enter the workforce, military, or college directly after high school.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

143 AP LITERATURE

Grade Level: 12 **Credits:** 2 (Year) **Prerequisite:** Recommended for advanced level students who have earned a minimum of a “B” average in their English courses. *Summer reading is required.*

Objective: To prepare students with the skills and vocabulary required to handle any literary passage with confidence.

Description: The AP English Literature course is designed to teach beginning college writing through the fundamentals of rhetorical theory. The class will talk essentially every day about some vital aspect of writing, including inventions and the rhetorical appeals (ethos, pathos, logos), disposition or structure, and style (diction, syntax, figurative language, mechanics). The kinds of writings in this course are varied but include writing to understand, writing to explain, and writing to evaluate. All critical writing asks that you evaluate the effectiveness of a literacy piece, but to be an effective evaluator, one must understand and explain. The essence of scholarship is the combination of these three approaches to writing. The AP program provides a standardized exam in May that can lead to college credit and/or advanced placement in college English courses and students are expected (but not required) to take. This course will carry an internal weighted grade for the purpose of determining the valedictorian and salutatorian and any other possible high school awards that are issued.

145 COMPOSITION 1 ~ RCC DUAL CREDIT

Grade Level: 12 **Credits:** 1HS/3 College (Semester) **Prerequisite:** Richland Community College English Placement test or SAT Reading and writing score of 480 or ACT English AND Reading score of 19 or higher; RCC tuition and fees.

Description: This is a basic course in college writing. Students write and revise essays using a variety of rhetorical methods. Through extensive writing and careful reading, students cultivate their ability to think critically and improve their ability to compose acceptable and effective academic papers. Special attention will be paid to persuasive writing.

146 COMPOSITION 2 ~ RCC DUAL CREDIT

Grade Level: 12 **Credits:** 1HS/3 College (Semester) **Prerequisite:** Richland Community College English Placement test or SAT Reading and writing score of 480 or ACT English AND Reading score of 19 or higher; RCC tuition and fees.

Description: This is the conclusion of the first-year college-level writing program. The course continues the study and practice of composition with a major focus on source-based arguments. Students learn to recognize various level of formality and to develop a style of writing appropriate for a formal research paper. All elements of research are taught: choosing a topic, focusing on a thesis, locating and evaluating varied sources, organizing materials, writing and documenting the text, and revising.

<u>FAMILY AND CONSUMER SCIENCE</u>	<u>COURSE #</u>	<u>CREDIT</u>	<u>GRADE LEVEL</u>
<u>*Intro to FACS</u>	<u>660</u>	<u>1</u>	<u>9, 10, 11, 12</u>
<u>*Foods I</u>	<u>661</u>	<u>1</u>	<u>9, 10, 11, 12</u>
<u>*Foods II</u>	<u>661</u>	<u>1</u>	<u>9, 10, 11, 12</u>
<u>*Child Development</u>	<u>662</u>	<u>1</u>	<u>9, 10, 11, 12</u>
<u>*Interior Design</u>	<u>681</u>	<u>1</u>	<u>9, 10, 11, 12</u>
<u>*Fashion/Sewing</u>	<u>663</u>	<u>1</u>	<u>9, 10, 11, 12</u>

660 INTRODUCTION TO FAMILY AND CONSUMER SCIENCE

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: This course will provide students with a variety of introductory topics in the field of family and consumer science. The knowledge and skills acquired will then help students to realize if they are interested in topic and have the desire to learn more or possibly even make a career out of that field.

Description: This course provides students with the opportunity to learn essential life skills. It allows them to develop skills in food and nutrition, childcare and safety, interior design, consumerism, family relationship, personal responsibility and job related tasks.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

661 FOODS I

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** Grades 9-10: Intro to FCS or two or more FACS courses in Jr. High, or consent of the instructor. Grades 11-12: None

Objective: After completion of this course the student will be able to apply food preparation techniques while using basic ingredients in the preparation of foods. Safety and sanitation principles will be emphasized as well as, food purchasing and storage techniques. This course will enable students to work comfortably in the kitchen with recipes of average difficulty and operate small and large appliances successfully.

Description: This course provides an opportunity for the student to prepare and serve tasty basic meals with an emphasis on good nutrition, meal planning, preparation techniques and food safety. The course is an excellent experience for those with limited food preparation skills, as well as students who know their way around the kitchen. Through lab experiences students will study units including, fruits, vegetables, dairy, eggs, and grains.

662 FOODS II

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** "C" or better in Foods I

Objective: After completion of this course the student will be able to effectively plan, prepare, and serve nutritious, appealing meals for today's lifestyles.

Description: Students will prepare foods from around the world and regional American foods. Other areas of study include yeast breads, soups, salads, cakes, meat, and poultry recipes. Emphasis is placed on food service and catering in this section as students with hand-on experience in a variety of food production opportunities.

663 FASHION/SEWING

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** Intro to FACS

Objective: This course allows students to learn more about a variety of career options such as Fashion Merchandising, Fashion Designer, Sales Representative; as well as teaching them valuable every day skills.

Description: This course is a semester course for all students. It is designed to introduce students to basic sewing techniques. The course includes the study of choosing fabrics, pattern selection, wardrobe building, and the history of fashion. Students will have the opportunity to work on many "hands-on" projects throughout the semester.

670 CHILD DEVELOPMENT

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: After completion of this course, the student will be familiar with and better understand how a child grows and develops from conception through age 5. This class is appropriate for any student who is considering working with children as an occupation, considering having children as an adult, or pursuing elementary education or pre-school fields.

Description: This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting growth and development of infants and children, as well as issues faced by the modern family. The focus is on research-based nurturing and parenting practices and skills needed to support positive development of children. Students will also learn hands-on activities that they may apply in child care settings. Topics include consideration of the roles, responsibilities and challenges of parenthood; human sexuality; pregnancy; prenatal development; preparation for birth; the birth process; meeting the physical needs of infants and children; impacts of heredity, environment and family and societal crisis on development of the child; meeting children's need for food, clothing, shelter, and caregiving; caring for children with special needs; and parental resources and services.

681 INTERIOR DESIGN

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: Students will gain practical skills in designing, decorating, operating, and purchasing a home.

Description: The student will learn to design and decorate homes of various styles, applying design principles and using computer software. The class will include hands-on home design and decorating projects. The class will also examine purchasing and renting homes. Students will have the opportunity to meet an interior designer and a local realtor, and tour homes for sale.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

<u>FOREIGN LANGUAGE</u>	<u>COURSE #</u>	<u>CREDIT</u>	<u>GRADE LEVEL</u>
German I	451	2	9, 10, 11, 12
German II	452	2	10, 11, 12
German III	453	2	11, 12
Spanish I	461	2	9, 10, 11, 12
Spanish II	462	2	10, 11, 12
Spanish III	463	2	11, 12
Spanish IV	464	2	12

451 GERMAN I

Grade Level: 9-12 **Credits:** 2 (Year) **Prerequisite:** None

Objective: The aim of German I is to introduce listening, speaking, reading, and writing skills in German, as well as culture and geography of the German-speaking world.

Description: Students will be introduced to the wonderful world of German. They will gain insight into the culture of the countries where the language is spoken. Students will be able to understand and speak the language through the skills of reading, writing, speaking, and listening. Using the Comprehensible Input methodology endorsed by ACTFL and ICTFL (the national and state world language educator associations) will give students confidence in learning German.

452 GERMAN II

Grade Level: 10-12 **Credits:** 2 (Year) **Prerequisite:** Successful completion of German I

Objective: The aim of German II is to continue and expand listening, speaking, reading, and writing skills in German, as well as culture and geography of the German-speaking world.

Description: Students will continue in the wonderful world of German. They will gain insight into the culture of the countries where the language is spoken. Students will be able to understand and speak the language through the skills of reading, writing, speaking, and listening. Using the Comprehensible Input methodology endorsed by ACTFL and ICTFL (the national and state world language educator associations) will give students confidence in learning German.

453 GERMAN III

Grade Level: 11-12 **Credits:** 2 (Year) **Prerequisite:** Successful completion of German I and II

Objective: The aim of German III is to continue and expand listening, speaking, reading, and writing skills in German, as well as culture and geography of the German-speaking world.

Description: Students will continue in the wonderful world of German. They will gain insight into the culture of the countries where the language is spoken. Students will be able to understand and speak the language through the skills of reading, writing, speaking, and listening. Using the Comprehensible Input methodology endorsed by ACTFL and ICTFL (the national and state world language educator associations) will give students confidence in learning German.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

461 SPANISH I

Grade Level: 9-12 **Credits:** 2 (Year) **Prerequisite:** None

Objective: The aim of Spanish I is to introduce listening, speaking, reading and writing skills in Spanish, as well as culture and geography of the Spanish-speaking world.

Description: Spanish I concentrates first on the mastery of the sound system and basic expressions of everyday living. Most emphasis at this stage is placed on speaking and understanding Spanish. Basic grammar is then introduced and the student adds reading and writing skills to the speaking and comprehension skills. Although there is constant drill in class, memorization and study are the responsibility of the student. First semester must result in a passing grade to continue into second semester in this course.

462 SPANISH II

Grade Level: 10-12 **Credits:** 2 (Year) **Prerequisite:** Successful completion of Spanish I

Objective: The aim of Spanish II is to expand upon the skills introduced in Spanish I.

Description: Verbal skills continue to be emphasized, but emphasis on reading and writing skills is greater than in Spanish I. Grammar structures and reading materials become more complex and writing exercises are more challenging. First semester must result in a passing grade to continue into second semester in this course.

463 SPANISH III

Grade Level: 11-12 **Credits:** 2 (Year) **Prerequisite:** Successful completion of Spanish II with a "C" or better or teacher's consent.

Objective: The aim of Spanish III is to expand upon previous skills and apply them in areas beyond the usual textbook setting.

Description: The study of vocabulary and grammar will be continued. This will be supplemented with reading and discussion of Spanish literature, current events and cultural exploration. First semester must result in a passing grade to continue into second semester in this course.

464 SPANISH IV

Grade Level: 12 **Credits:** 2 (Year) **Prerequisite:** Successful completion of Spanish III with a "C" or better or teacher's consent.

Objective: The aim of Spanish IV is to expand upon previous skills and apply them in areas beyond the usual textbook setting.

Description: The study of vocabulary and grammar will be continued. This will be supplemented with reading and discussion of Spanish literature including short stories, poetry and novels. Current events and cultural exploration will also continue to be studied in the classroom. First semester must result in a passing grade to continue into second semester in this course.

HEALTH EDUCATION COURSE # CREDIT GRADE LEVEL

(R) Health Class 275 1 10

275 HEALTH EDUCATION ~ REQUIRED

Grade Level: 10 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: When the student has completed this course he or she should have a wide perspective on the kinds of things they need to do to obtain and maintain good health. The student should realize that good health not only includes a physical well-being but also a positive mental and emotional state of health.

Description: Health combines lectures, large group discussions and small group discussions to get the students thinking and talking about ways in which they can reach a state of good health. These lectures and discussions are concerned with the prevention of problems and what can be done to overcome obstacles that keep the student from reaching the goal of good health.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

<u>INDUSTRIAL & TECHNOLOGY EDUCATION</u>	<u>COURSE #</u>	<u>CREDIT</u>	<u>GRADE LEVEL</u>
<u>Introduction to Industrial Technologies</u>	530	2	9, 10, 11, 12
<u>Woodworking Technology</u>	533	2	10, 11, 12
<u>Home Construction I</u>	529	2	10, 11, 12
<u>Home Construction II</u>	528	2	11, 12
<u>*Electrical Wiring</u>	515	1	10, 11, 12
<u>*CAD Drafting I</u>	504	1	10, 11, 12
<u>*CAD Drafting II</u>	505	1	10, 11, 12
<u>*Additive Manufacturing (3-D Printing)</u>	503	1	11, 12
<u>*Metalworking</u>	506	1	10, 11, 12
<u>*Welding I</u>	507	1	10, 11, 12
<u>*Welding II</u>	508	1	10, 11, 12
<u>Advanced Welding</u>	509	2	11, 12
<u>Automotive Mechanics I</u>	501	2	10, 11, 12
<u>*Automotive Mechanics II</u>	502	2	11, 12
<u>*Intro to Auto Technology</u>	500	2	9, 10, 11, 12

530 INTRODUCTION TO INDUSTRIAL TECHNOLOGIES

Grade Level: 9-12 **Credits:** 2 (year) **Prerequisite:** None

Objective: To provide students with knowledge and fundamentals of tools, products, and processes in Industrial Technology related fields.

Description: This course will give students a basic understanding of tools and machines used in Industrial Technology related fields. Students will also learn about workplace safety and other job related skills needed to succeed in any career. The class will cover basics in woodworking/cabinetmaking, electricity, sheet metal, welding, drafting/design, and 3D printing. **Students are responsible for the cost of materials used for individual projects.**

533 WOODWORKING TECHNOLOGY

Grade Level: 10-12 **Credits:** 2 (year) **Prerequisite:** 'C' or higher in Introduction to Industrial Technologies, CAD Drafting I is recommended

Objective: To provide students with the knowledge and information relative to the fundamental uses of wood and wood products, common tools, materials, processes, devices, and procedures that will enable students to successfully build and create wood products in a safe and effective manner. They will gain the necessary skills for how to plan, estimate, and prepare for building products on their own.

Description: This course builds on the basics learned in Intro. to Ind. Tech. Students will learn how to plan out a project build from start to finish. This will include: designing the project, creating a cutting list of pieces, creating a bill of materials for all needed items, estimating cost of product, estimating timing of processes, and creating project procedures. Students may do one or two larger/more complex projects or a number of smaller/simpler projects. **Students are responsible for the cost of materials used for individual projects.**



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

529 HOME CONSTRUCTION I

Grade Level: 10-12 **Credits:** 2 (year) **Prerequisite:** 'C' or higher in Introduction to Industrial Technologies, CAD Drafting I is recommended

Objective: To provide students with the basic knowledge and understanding of necessary skills, tools, and processes involved in carpentry/construction.

Description: This course is meant to be an introduction to basic carpentry and construction skills. Students will be learning the basics of framing, electrical wiring, plumbing, blue print reading, and work place safety. In this course students will design and construct a small portable structure that will be sold off at the conclusion of its construction.

528 HOME CONSTRUCTION II

Grade Level: 11-12 **Credits:** 4 (year-double period) **Prerequisite:** 'C' or higher in Home Construction I

Objective: To provide students with the basic knowledge and understanding of necessary skills, tools, and processes involved in carpentry/construction.

Description: This course is designed to give practical application experience for skills gained in Home Construction I and to further build those skills. This course is designed to be a partnership with local construction projects which will give students exposure to contractors and the ability to work with and learn from them in a job-like setting.

515 ELECTRICAL WIRING

Grade Level: 10-12 **Credits:** 1 (semester) **Prerequisite:** None

Objective: To provide students with knowledge about basic electrical circuits for homes and small buildings.

Description: This course is designed to give practical experience in the areas of basic electrical wiring and residential wiring. Emphasis will be placed on electrical wiring applications for the home. This includes types of circuitry, different circuitry set-ups, types of wires, basic electrical code, proper wiring techniques, and best practices.

504 CAD DRAFTING I

Grade Level: 10-12 **Credits:** 1 (semester) **Prerequisite:** None, enrollment in Geometry recommended

Objective: To provide students with basic knowledge in drafting, design, and engineering concepts that would be useful in a variety of different career fields related to Industrial Technology.

Description: This course will teach the basics of drafting and designing in a 2-D computer aided drafting environment using AutoCAD. Students will learn about orthographic drawings, dimensioning, auxiliary views. This course will teach many skills valuable in construction trades, manufacturing, design, and engineering.

505 CAD DRAFTING II

Grade Level: 10-12 **Credits:** 1 (semester) **Prerequisite:** 'C' of higher in CAD Drafting I

Objective: To provide students with more knowledge in 2-D as well as basic 3-D drafting concepts used in additive manufacturing (3-D printing).

Description: This course builds off of skills learned in CAD Drafting I. New skills in this course will be section views, 3-D drawings, and full 3-D renderings that will be printed on the 3-D printer. At the end of the course, students may have the opportunity to design and print a project of their choosing; however, **students will be responsible for the cost of materials used for individual projects.**



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

503 ADDITIVE MANUFACTURING (3-D Printing)

Grade Level: 11-12 **Credits:** 1 (semester) **Prerequisite:** 'C' or higher in CAD Drafting II

Objective: To provide students with basic knowledge of additive manufacturing and on-time modeling.

Description: This course is designed to help students gain a better understanding of what additive manufacturing is and what role it plays in Industrial Technology related industries and beyond. Students will use their knowledge from CAD Drafting II to design and create practical items for every day use. **Students are responsible for the cost of materials used for individual projects.**

506 METALWORKING

Grade Level: 10-12 **Credits:** 1 (semester) **Prerequisite:** None

Objective: To provide students with the basic knowledge of metalworking production fields, tools and machines used in those fields, and the processes used in production.

Description: This course is designed to teach the basics on metalworking to students. The course will be broken down into three sections: Sheet metal, lathe machining, and forge processes. In each section, students will be constructing a project as they learn about the tools and machines through practical applications of lessons. **Students are responsible for the cost of materials used for individual projects.**

507 WELDING I

Grade Level: 10-12 **Credits:** 1 (semester) **Prerequisite:** None

Objective: To provide students the technical fundamentals of gas welding, gas cutting, and arc welding. Students will also learn basic work place and operational safety for these welding methods.

Description: This course will give students technical and practical experience using oxy-acetylene (welding, brazing, and cutting), plasma arc cutting, and arc welding (stick). Students will learn proper procedures for the safe operation of these types of welding as well as proper use of safety equipment used to protect them while welding.

508 WELDING II

Grade Level: 10-12 **Credits:** 1 (semester) **Prerequisite:** 'C' or higher in Welding I

Objective: To provide students the technical fundamentals of MIG and TIG welding. Students will also learn basic work place and operational safety for these welding methods.

Description: This course builds on the skills acquired in Welding I. Students will learn out of position techniques for arc welding as well as building practical skills for both MIG and TIG welding methods.

509 ADVANCED WELDING

Grade Level: 11-12 **Credits:** 2 (year) **Prerequisite:** 'C' or higher in Welding II

Objective: To provide students the opportunity to apply skills learned in Welding I and Welding II by designing and building a project requiring them to utilize all of their skills as well as build additional skills.

Description: This course will help students to design and build a single project or series of custom projects that can be used within the school district or sold upon completion. Students will also tour a welding facility and gain first-hand experience of the industry.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

501 AUTOMOTIVE MECHANICS I

Grade Level: 10-12 **Credits:** 2 (Year) **Prerequisite:** Power Mechanics or consent of instructor

Objective: The aim of this course is to prepare a student for entry into the field of auto mechanics. It is designed to acquaint students with: job opportunities, theory of operation, and basic repair and overhaul procedures.

Description: This course focuses on preparing the student for a career in the automotive field. It is also good for students who are interested as a car owner or in cars as a hobby. The course includes: principles of operation, tune-up, overhaul, and maintenance. Instruction covers: ignition systems, fuel systems, lubrication, cooling, disassembly, measurements, reassemble, adjustment and basic body work. Students will also learn use of diagnostic and testing equipment and tools used in the repair process. This course is designed to have students spend time in the shop applying what they learn in the classroom to getting hands-on experience while servicing vehicles brought in for that purpose. Students are encouraged to work as much as possible on their own or family vehicles. Supplies: Students must have safety glasses for the class which can be purchased from the instructor. Coveralls or an old flannel shirt or sweatshirt is recommended that a student can slip on to prevent ruining good clothes.

502 AUTOMOTIVE MECHANICS II

Grade Level: 11-12 **Credits:** 2 (Semester – double period) **Prerequisite:** Automotive Mechanics I

Objective: The aim of this course is to prepare a student for entry into the field of auto mechanics. It is designed to acquaint students with: job opportunities, theory of operation, and basic repair and overhaul procedures.

Description: Students enrolled in this course will be given advanced instruction in the areas covered in the Auto Mechanics I. This class stresses unit repair as opposed to unit replacement, which is covered in Auto I. Students are given ample time to perfect troubleshooting skills during the lab time built into the course outline. Business organization and shop procedures used in the automotive shop are studied. Students are encouraged to work as much as possible on their own or family vehicles. Supplies: Students must have safety glasses for the class which can be purchased from the instructor. Coveralls or an old flannel shirt or sweat shirt is recommended that a student can put on over the clothes they are wearing to prevent ruining good clothes.

500 INTRODUCTION TO AUTO TECHNOLOGY

Grade Level: 9-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective: Students will be able to disassemble measure, recognize part failures, machine damaged parts, make sound decisions as to whether it is better to repair or replace, and reassemble the engine. Students will also have a basic understanding of charging and starting circuits and basic power transmission.

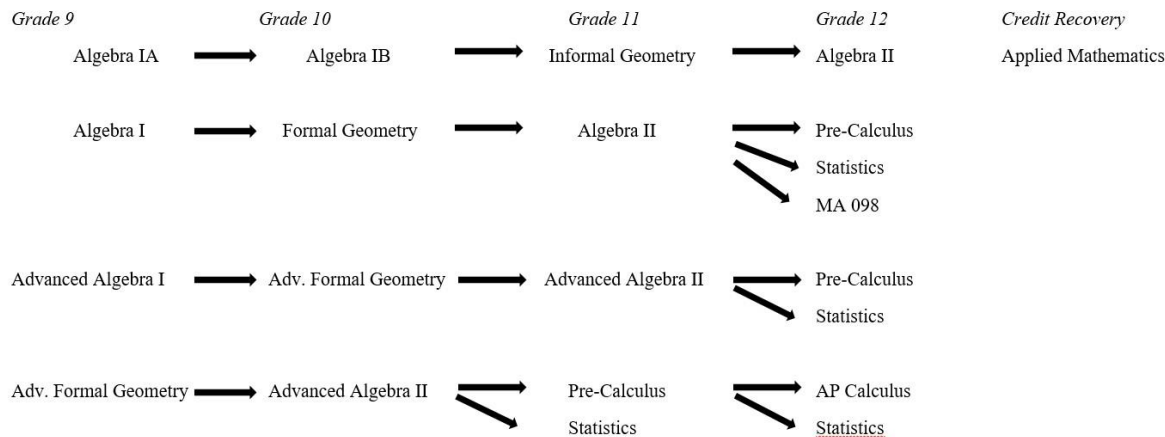
Description: This course is designed to introduce students to the many systems of power technology. Included are mechanical parts of an engine, lubrication, cooling, electrical, and overhaul of a gas engine. Students will be taught the correct use of hand tools, power tools, measuring devices, manufacturer's specifications, and shop safety. Small engine repair and maintenance will be taught, also. Supplies: Students must have safety glasses for the class which can be purchased from the instructor. Coveralls or old flannel shirt is recommended that a student can put over the clothes they are wearing to prevent ruining good clothes. No open toe shoes, sandals, flip flops, or loafers permitted.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

MATHEMATICS	COURSE #	CREDITS	GRADE LEVEL
Algebra IA	205	2	9, 10
Algebra IB	206	2	10, 11
Algebra I	213	2	9, 10
Advanced Algebra I	214	2	9
Algebra II	220	2	10, 11, 12
Advanced Algebra II	219	2	10, 11
Formal Geometry	216	2	9, 10, 11
Informal Geometry	215	2	10, 11
Advanced Formal Geometry	217	2	9, 10
Math 098	229	2	12
Applied Mathematics	230	2	12
Statistics	221	2	11, 12
AP Pre-Calculus	222	1	11, 12
AP Calculus	223	2	12

Mathematics Map – Suggested Course Sequence



*Any Algebra I student in grade 9 desiring to enroll in AP Calculus in grade 12 is recommended to dual enroll in Geometry and Algebra II in grade 10, pending teaching approval.

Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

205 ALGEBRA IA

Grade Level: 9 **Credits:** 2 (Year) **Prerequisite:** Teacher Recommendation

Objective: To provide the student with a basic understanding of the structure of algebra and to develop a set of problem solving skills.

Description: The topics consist of the following: number sets and use of variables; basic number properties and their use; operations with positive and negative numbers; solving equations and inequalities; solving written problems; functions and relations with graphing; and systems of equations.

206 ALGEBRA 1B

Grade Level: 10 **Credits:** 2 (Year) **Prerequisite:** Teacher Recommendation

Objective: To provide the student with a continued understanding of the structure of algebra and to develop a set of problem solving skills. This course is a continuation of Algebra I-A and together comprises the entirety of Algebra I.

Description: The topics consist of the following: Solving systems of inequalities, linear programming, operations with polynomials, factoring polynomials, quadratic equations, roots, trigonometry, probability, and statistics.

213 ALGEBRA I

Grade Level: 9 **Credits:** 2 (Year) **Prerequisite:** Teacher Recommendation

Objective: To provide the student with a basic understanding of the structure of algebra and to develop a set of problem solving skills based on this understanding and the logic of deductive reasoning.

Description: The topics consist of the following concepts: number sets and use of variables; basic number properties and their use; solving equations and inequalities; solving written problems; functions and relations with graphing; systems of equations; polynomials with factoring; and quadratic equations.

214 ADVANCED ALGEBRA I

Grade Level: 9 **Credits:** 2 (Year) **Prerequisite:** Teacher Recommendation

Objective: To prepare those students who wish to challenge themselves. These students will have an opportunity to be exposed to more mathematics and more depth than those not in this course. To develop problem-solving and reading skills, to develop the skill of using a graphing calculator as an effective tool.

Description: The topics consist of the following: number sets and use of variables; basic number properties and their use; solving equations and inequalities; solving written problems; graphing linear equations and inequalities; solving systems of equations and inequalities, exponents, polynomials and operations, quadratic functions and graphs, rational expressions and equations, and radicals.

220 ALGEBRA II

Grade Level: 10-12 **Credits:** 2 (Year)

Prerequisite: Recommending "C" or higher in Algebra I and Geometry or consent of instructor. Purchasing a TI-84 graphing calculator is *highly recommended*.

Objective: To develop problem-solving and reading skills, to develop the skill of using a graphing calculator as an effective tool, and to bridge the gap from Algebra I and Geometry to Pre-Calculus.

Description: Algebra II will cover quadratic, linear, and power functions, graphs, variation, matrices, systems of equations and inequalities, inverses, exponential and logarithmic functions, and basic trigonometry.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

219 ADVANCED ALGEBRA II

Grade Level: 10-11 **Credits:** 2 (Year)

Prerequisite: Recommended “B” or higher in Algebra I and Geometry or consent of instructor. Purchasing a TI-84 graphing calculator is *highly recommended*.

Objective: To prepare those students who wish to challenge themselves will have an opportunity to be exposed to more mathematics and more depth than those not in this course. To develop problem-solving and reading skills, to develop the skill of using a graphing calculator as an effective tool, and to bridge the gap from Algebra I and Geometry to Pre-Calculus.

Description: This course offers students a greater depth of coverage of Algebra II topics and consists of the following topics: Equations and Inequalities, Linear Functions, Systems of Equations, Matrices, Quadratic Functions and Factoring, Inverses and Radical Functions, Exponential and Logarithmic Functions, Trigonometry, Rational Functions, Sequences and Series.

216 FORMAL GEOMETRY

Grade Level: 9-10 **Credits:** 2 (Year)

Prerequisite: Recommended “C” or higher in Algebra I or consent of instructor. Purchasing a TI-84 graphing calculator is *highly recommended*.

Objective: To enable the student to understand basic geometry figures, construction techniques, logic and proof.

Description: There will be a study of the vocabulary of geometry. The topics will include sets, angles, proof, triangles, congruence of triangles, similarity, parallelism, basic trigonometry, quadrilaterals, circles, Pythagorean Theorem, construction, area, volume, surface area, and transformations.

215 INFORMAL GEOMETRY

Grade Level: 10-11 **Credits:** 2 (Year) **Prerequisite:** Algebra IB or Teacher Recommendation. Purchasing a TI-84 graphing calculator is *highly recommended*.

Objective: This course takes an informal approach to topics in geometry. The course is designed to enable students to understand basic figures and concepts along with some construction techniques.

Description: Topics include Angles – measuring, Polygons and Polyhedrons – classifying and sketching, measures of interior angles, Transformations – Reflections, Translations, Rotations, and Symmetries, Triangles – Inequalities, Congruence, and Similarities, Parallel Lines – Special angles, Quadrilaterals – Properties of Rhombi, Parallelograms, Trapezoids, Rectangles, and Squares, Perimeter, Area, Volume, Circles, - Arcs, Angles, Special Segments, Trigonometry of Right Triangles.

217 ADVANCED FORMAL GEOMETRY

Grade Level: 9-10 **Credits:** 2 (Year)

Prerequisite: Recommended “B” or higher in Algebra I or consent of Instructor. Purchasing a TI-84 graphing calculator is *highly recommended*.

Objective: To enable the student to understand complex geometry figures, logic, proof, and construction techniques.

Description: There will be a study of the vocabulary of geometry. The topics include sets, angles, triangles, congruence of triangles, parallelism, quadrilaterals, Pythagorean Theorem, basic trigonometry, similarity, circles, constructions area, volume, surface area, and transformations.

229 MATH 098

Grade Level: 12 **Credits:** 2 (Year) **Prerequisite:** Algebra II. Purchasing a TI-84 graphing calculator is *highly recommended*.

Objective: This course is designed for students who have completed Algebra II and desire to go on to Richland Community College. The course is designed by and supported by Richland and offers the students the opportunity to transition into math-credit earning classes at RCC upon graduation from CHS if they maintain a “C” or 70% in this class their senior year. This allows students to accomplish this without need of the RCC math placement exam.

Description: MATH 098 is designed for seniors who need to review Intermediate Algebra concepts. The topics include real numbers, polynomials, rational expressions, equations, inequalities, problem solving, complex numbers, systems of equations, graphing, functions, relations, exponents, and logarithms. A graphing calculator is required.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

230 APPLIED MATHEMATICS

Grade Level: 12 **Credits:** 2 (Year) **Prerequisite:** Consent of Instructor / credit recovery

Objective: This course is designed to teach students some basic mathematic skills involved with everyday life. This course is *not* considered a college preparatory course. Students planning to go to college may not count this as a year of math for college applications.

Description: This course will explore topics including income, taxes, checking and savings accounts, credit cards, loans, transportation, investments, budgets, business concepts, and elementary accounting practices.

221 STATISTICS

Grade Level: 11-12 **Credits:** 2 (Year) **Prerequisite:** Recommended “C” or higher in Alg II. Purchasing a TI-84 graphing calculator is *highly recommended*

Objective: This course is designed for the student who is planning to attend college, yet does not feel a need to take Pre-Calculus or Calculus. This course can also be taken concurrently with Pre-Calculus or AP Calculus. The student will encounter mathematics which is useful in computer science, business administration, industrial technology, engineering, economics, education, psychology, and other mathematics-related fields.

Description: Topics covered will be Combinatorics, Probability, frequency distributions, data collection, distributions, confidence intervals, hypothesis testing, and correlation.

222 AP PRE-CALCULUS

Grade Level: 11-12 **Credits:** 2 (Year)

Prerequisite: Recommended “C” or better in Algebra II or consent of instructor. Purchasing a TI-84 graphing calculator is *required*.

Objective: Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations.

Description: In this course, students will cover the following topics: Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric and Polar Functions, Functions involving Parameters, Vectors, and Matrices. Each unit will include features of exploration, analysis, and application of new function types, development of key function concepts, examination of how variables change relative to each other, modeling contexts and data sets, and rigorous application of algebraic skills needed. Students will use technology throughout the course as a tool to explore concepts. The use of a TI-84 graphing calculator is required.

223 AP CALCULUS ~ CALCULUS & ANALYTICAL GEOMETRY

Grade Level: 12 **Credits:** 2 (Year)

Prerequisite: Pre-Calculus

Objective: This is a college level course designed to enable students to gain advanced placement in college and to give the student appreciation of mathematical methods and the use of calculus as a tool.

Description: AP Calculus/Math 121 is the first course in the single variable calculus series intended for students going into areas of science, technology, engineering, or mathematics. The course begins with a review of algebra and trigonometry followed by the introduction of limits and continuity. Derivatives of elementary, transcendental, and inverse functions are covered with their applications including L'Hospital's rule. The course ends with integrals of elementary functions. This course will carry an internal weighted grade for the purpose of determining the valedictorian and salutatorian and any other possible high school awards that are issued. ***Math 121 will run given a sufficient number of students meet the prerequisite, otherwise the course will be Advanced Placement Calculus.**



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<u>MUSIC</u>	<u>COURSE #</u>	<u>CREDITS</u>	<u>GRADE LEVEL</u>
**Symphonic Band	171	2	9, 10, 11, 12
**Concert Band	172	2	9, 10, 11, 12
**Mixed Chorus	175	2	9, 10, 11, 12

171 SYMPHONIC BAND

Grade Level: 9-12 **Credits:** 2 (one per semester)

Prerequisite: Consent of Instructor - Students will be placed in the band which best suits their musical abilities. The Symphonic Band is primarily for upperclassmen and a few underclassmen who have demonstrated excellence in instrumental performance. Every effort will be made to achieve the balanced instrumentation listed below.

Objective & Description: The study, rehearsal and performance of band literature in different styles; creative elements of interpretation in performance; understanding and usage of music related to terminology; study of major scales; understanding in the importance of ensemble and sectional playing. Instruction during the first quarter is devoted primarily to marching band. The fundamentals of street marching and field show marching will be taught and performed. Instruction during the second semester is devoted primarily to concert band literature. Pep band music is taught and performed during both semesters. This is a performance based class. You will be required to perform outside of normal school hours as part of your grade.

Balanced Instrumentation for Symphonic Band: 6-8 Flutes 9-10 Trumpets 1-2 Oboes 4-6 French Horns 10-12 Clarinets 6-8 Trombones 2 Bass Clarinets 2-3 Baritones 2-3 Alto Saxophones 3-5 Sousaphones-Tubas 1-2 Tenor Saxophones 1 String Bass/Bass Guitar 1-2 Bari-Saxophones 5-7 Percussionists (including mallet)

*Often more percussionists perform in symphonic band during first quarter, then perform with the Concert Band during the rest of the year.

172 CONCERT BAND

Grade Level: 9-12 **Credits:** 2 (one per semester) **Prerequisite:** Consent of Instructor

Objective & Description: The aim of Concert Band is to provide an opportunity for a student to improve his/her playing skills before advancing to Symphonic Band. Rehearsals will include instruction in proper tone production, scales, rhythmic notation, key signatures, balance, blend, dynamics, and style. Instruction during the first quarter is devoted primarily to marching band. The fundamentals of street marching and field show marching will be taught and performed. Instruction during the second semester is devoted primarily to concert band literature. Pep band music is taught and performed during both semesters. This is a performance based class. You will be required to perform outside of normal school hours as part of your grade.

175 MIXED CHORUS

Grade Level: 9-12 **Credits:** 2 (one per semester) **Prerequisite:** Consent of the Director

Objective & Description: The aim of Mixed Chorus is to provide a chance for students to study vocal music in a group setting. Music will be studied as an art and science; attitudes of discipline and enjoyment will be developed in both areas. 1 Rehearse and perform a variety of choral literature; 2 Discuss and practice techniques of proper tone production (posture, breathing, and listening); 3 Discuss and apply qualities of basic musicianship (diction, balance, blend, dynamics, intonation, rhythm, style); 4 Study and practice concepts and vocabulary of music theory (reading rhythmic notation, scales, intervals, etc.); 5 Develop attitudes of music appreciation, self-confidence, leadership, individual and group responsibility; 6 Perform in public concerts, participate in IHSA solo/Ensemble Contest, and for other groups when possible (other schools, civic groups, etc.) This is a performance based class. You will be required to perform outside of normal school hours, up to four times a year, as part of your grade.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

<u>PHYSICAL EDUCATION</u>	<u>COURSE #</u>	<u>CREDITS</u>	<u>GRADE LEVEL</u>
<u>Physical Education I</u>	<u>261, 262</u>	<u>2 (1 per sem)</u>	<u>9, 10</u>
<u>Physical Education II</u>	<u>263, 264</u>	<u>2 (1 per sem)</u>	<u>11, 12</u>
<u>Intro to Strength and Conditioning</u>	<u>271, 272</u>	<u>2 (1 per sem)</u>	<u>10, 11, 12</u>
<u>Advanced Strength and Conditioning</u>	<u>273</u>	<u>1 (1 per sem)</u>	<u>10, 11, 12</u>

261/262 PHYSICAL EDUCATION I

Grade Level: 9-10 **Credits:** 2 (one per semester) **Prerequisite:** None

Objective: The physical education program will provide students with the opportunity to acquire knowledge of rules and skills in a variety of activities. The students will participate in a daily physical activity. The program will enable each student to develop a program for improvement which he or she can use throughout his/her life.

Description: Students will gain knowledge to understand fitness concepts. The curriculum will center around building individual fitness levels. Students will then be able to assess and evaluate their progress throughout the school year. Written handouts of rules and terminology will be handed out in a semester booklet to each student. The student will take a nine weeks test covering the material presented in the quarter. When applicable, the student will be given skills tests. Students will be required to wear their P.E. uniform daily. Units taught are flag football, physical fitness, aerobics, badminton, pickle ball, golf, square, social, folk, and country line dancing; basketball, weightlifting, gymnastics, roller skating, tennis, basketball, and adventure education.

263/264 PHYSICAL EDUCATION II

Grade Level: 11-12 **Credits:** 2 (one per semester) **Prerequisite:** None

Objective: This course is designed to give each student an introduction of several lifetime fitness activities. The course content will build upon principles introduced in Physical Education I. Students will understand, assess, and evaluate their fitness levels throughout the school year.

Description: Written handouts of rules and terminology will be handed out in a semester booklet to each student. The student will take a nine weeks test covering the material presented in the quarter. When applicable, the student will be given skills tests. Students will be required to wear their P.E. uniform daily. Units taught in P.E. II will be: Archery, Speed away, Fitness, Pickle ball, Step Aerobics, Personal Fitness, Square, Social, Folk, and Country Line Dancing, Floor Hockey, Circuit Training, Gymnastics, Roller Skating, Tennis, Golf, Bowling, Team Handball, Adventure Education, Ultimate Frisbee, Bowling, and Flag Football.

271/272 INTRO TO STRENGTH AND CONDITIONING

Grade Level: 10-12 (Freshman athletes may take class after 1st semester with coach recommendation)

Credits: 2 (One per semester)

Prerequisite: Have a grade of "B" or higher in PE 1 or teacher recommendation

Objective: The weight & speed training class will provide students with an opportunity to acquire the skill and knowledge of weight & speed training where they can then apply these skills daily. Through the application of these skills daily, the students will improve overall strength, flexibility and speed. **Description:** This class will be taught with an emphasis on athletic training and improvement. This class will work to improve strength, flexibility and speed. Students will lift three days a week (Monday-Wednesday-Thursday). One day (Tuesday) will focus solely on speed training and development. Friday will be a game day. Students will maintain daily record keeping and will be expected to follow the lifts, as instructed, each day in class. This is a rigorous class and students will be taught advanced weight training. Students will be challenged daily.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

273 ADVANCED STRENGTH AND CONDITIONING

Grade Level: 10-12

Credits: 1 (One per semester)

Prerequisite: A semester of Intro to Strength and Conditioning or current varsity athlete

Objective: This course will focus on improving skill related fitness (speed, power, agility, reaction time, and balance) and sports performance. Students will be tested and will look to improve these skill related fitness concepts. Students will be able to identify and perform aspects of skill related fitness. Students will learn about proper nutrition and supplementation including the ethics of supplementation. Students will examine what it entails to prepare as an elite athlete.

SCIENCE	COURSE #	CREDITS	GRADE LEVEL
(R) Introduction to Lab Science	300	2	9
(R) General Introduction to Lab Science	301	2	9
General Biology	320	2	10
Biology	321	2	10
*Earth Science I	312	1	10, 11, 12
*Earth Science II	313	1	10, 11, 12
Biology II	322	2	11, 12
(RCC) Environmental Science	329	2	11,12
Chemistry	331	2	11, 12
(RCC) Chemistry 100	330	2	12
Physics	333	2	11, 12
Human Anatomy & Physiology	334	2	11, 12

The four science credits needed for graduation must include Introduction to Lab Science and General Biology or Biology

R-Introduction to Lab Science or General ILS is the required science course for the freshman year

R-General Biology or Biology is the required science course for the sophomore year

300 INTRODUCTION TO LAB SCIENCE (ILS)

Grade Level: 9 **Credits:** 2 (Year) **Prerequisite:** None

Objective: The purpose of this course is to prepare students for future science courses (Biology, Biology II, Anatomy & Physiology, Chemistry, Physics, Earth Science, and future college level courses.) Focus will be on application, communication, and demonstration of scientific content according to state standards.

Description: This course includes introductory study of chemical, physical, earth, environmental, and life science content. Focus is on Lab Safety, Scientific Method, Metric System, Chemistry, Physics, and Environmental Science. The method employed to achieve the state goals will be student experimentation and science reasoning to develop the concepts gained in this course.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

301 GENERAL INTRODUCTION TO LAB SCIENCE (Gen. ILS)

Grade level: 9 **Credits:** 2 (Year) **Prerequisites:** None

Objective: General ILS is designed to work with students who had difficulties with previous classes (Science, English, Math), and prepare them for future science courses. Focus will be on application, communication, and demonstration of scientific content according to state standards.

Description: This course covers the same curriculum as ILS except it is less in depth. This course includes introductory study of chemical, physical, earth, environmental, and life science content. Focus is on Lab Safety, Scientific Method, Metric System, Chemistry, Physics, and Environmental Science. The method employed to achieve the state goals will be student experimentation and science reasoning to develop the concepts gained in this course.

320 GENERAL BIOLOGY

Grade Level: 10 **Credits:** 2 (Year) **Prerequisite:** Introduction to Lab Science

Objective: General Biology is designed to work with students who had difficulties in previous science classes.

Description: This introductory biology course covers the same, less in depth curriculum as Biology. The focus of the course is in the basic principles of cells, cell processes, genetics, photosynthesis, five kingdom classifications, and the theory of the evolution process.

321 BIOLOGY

Grade Level: 10 **Credits:** 2 (Year) **Prerequisite:** Introduction to Lab Science

Objective: To gain knowledge and develop wholesome attitudes about life from the basic cell to ecological interactions. To study the delicate balance of all life processes and the results of abuse to the environment.

Description: This introductory biology course deals with the basic principles governing living things; the study of the cell and its role in the life functions of simple organisms; the study of some chemicals involved in the maintenance of life; the study of nucleic acids and the process of cellular reproduction. The ways in which organisms maintain homeostasis and the principles of heredity are discussed. The process of gene replication and the determination of genetic characteristics through the coding of DNA molecules is explained. Population genetics is studied to promote better understanding of the reasons for the variety and diversity of plant and animal life on earth today. Protozoans and bacteria are studied as simple life forms. The variety of habitats from the ocean depths to the mountain peaks provide the requirements for the existence and continuation of various species of these organisms. A study of ecological interactions completes the course.

322 BIOLOGY II

Grade Level: 11-12 **Credits:** 2 (Year) **Prerequisite:** 4 science credits (2 from General Biology or Biology)

Objective: To gain knowledge and insight into the interconnectedness of humans to the organisms around them. To study the delicate balance of all life processes and results of abuse to the environment. Students will have experiences in microbiology, zoology, botany, and ecology as a continuation of their prior biological studies.

Description: In this project-driven course, students will study bacteria, viruses, protists, fungi, plants, and animals according to their classification. Students will apply the knowledge they acquire throughout the course in thematic projects during the school year, including designing their own experiments in the microbiology and botany units. Biology II focuses on using the scientific process to investigate real-life questions that pertain to the information being learned in the course. The anatomy and physiology of the earthworm, starfish, crayfish, and shark will also be studied in lab dissections.

312 EARTH SCIENCE I

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** Introduction to Lab Science; sophomores must be enrolled in Biology or gain instructors permission

Objective: To provide an introduction of Earth Science focusing on Interconnectedness, Mapping the Earth, Plate Tectonics, Earthquakes, and Volcanoes (time permitting).

Description: This is a laboratory approach to Earth Science including textbook and computer research. The class will emphasize studying the Ecosystems, interconnectedness, Reading and using various maps of the Earth, Earthquakes, and Volcanoes (time permitting)



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

313 EARTH SCIENCE II

Grade Level: 10-12 **Credits:** 1 (Semester) **Prerequisite:** Introduction to Lab Science; sophomores must be enrolled in Biology or gain instructors permission

Objective: To provide an introduction of Geology, Erosion, Meteorology, and Astronomy (time permitting)

Description: This is a laboratory approach to Earth Science including textbook and computer research. The class will emphasize studying Rocks, Minerals, Soil, Erosion & Weathering, Atmosphere and Meteorology, and Astronomy (time permitting).

329 ENVIRONMENTAL BIOLOGY (RCC DUAL CREDIT)

Grade Level: 11-12 **Credits:** 2 Year) **Prerequisite:** Successful completion of ILS and Biology I

Objective: Understand and discuss ecological principles and global environmental problems. Critically think about global solutions to environmental problems. Analyze human impacts on the environment through indoor exercises. Examine ecological principles and environmental problems/solutions through field exercises. Examine environmental issues of local concern.

Description: Teaches a foundation of basic ecological principles that leads to an examination of current issues of environmental concern. Lectures include such topics as air/water/soil pollution, overpopulation, extinction, deforestation, global warming, and ozone depletion. Laboratory exercises include indoor experiments, outdoor field studies, and visits to local facilities of environmental concern. This course is applicable toward all certificates and degrees; group requirements include natural/life science; areas of concentration include biology, general science (credit hours 4.0, lecture hours 3.0, lab hours 2.0). IAI:L1 905L

333 PHYSICS

Grade Level: 11-12 **Credits:** 2 (Year) **Prerequisite:** Algebra I, Geometry and Lab Science and enrolled in Algebra II

Objective: The purpose of Physics is to introduce students to some of the fundamental concepts of the physical world and to stimulate the student's interest in these concepts. This is achieved in part by the analysis of data from a variety of physical experiments. This course will prepare students who are interested in pursuing a career in engineering or physical sciences for future course work they may encounter.

Description: Physics is the study of the physical world, including matter and energy and how they are related. Students must have a strong math background as physics links math and science together. Studies in this course will include motion, forces, momentum, work, energy, light and sound waves, electricity and magnetism, and modern physics.

331 CHEMISTRY

Grade Level: 11-12 **Credits:** 2 (Year) **Prerequisite:** 4 credits of Science and Algebra I

Objective: To develop an understanding of the fundamental chemical concepts and the ability to apply these concepts to the everyday world.

Description: This course studies the atom and its structure; the periodic table and its trends; chemical bonding; the names, formulas, and uses of chemical compounds and their reactions; a study of solids, liquids, and gases; chemical rates and equilibrium; acids, bases, salts, and solutions; electrochemistry; and an introduction to organic chemistry. Mathematics is an interwoven part of Chemistry and used extensively throughout the course.

330 CHEMISTRY 100 – RCC DUAL CREDIT

Grade Level: 12 **Credits:** 2 HS / 4 College (Year)

Prerequisite: RCC Math Placement Test or a SAT score of 560 or higher, an ACT Math score of 22 or higher; RCC English Placement test or SAT Reading and writing score of 480 or ACT English AND Reading score of 19 or higher; RCC tuition & fees

Objective & Description: The course examines the fundamental concepts of chemistry, both theoretical and practical. Course content includes the following: measurement, atomic structure, chemical bonding, stoichiometry, the three states of matter, solutions, and acids and bases. The topic of chemical equilibrium is also introduced. This course will carry an internal weighted grade for the purpose of determining the valedictorian and salutatorian and any other possible high school awards that are issued. *This course will run given a sufficient number of students meet the prerequisite. In the event the course is unable to run, it will be replaced with Advanced Placement Chemistry.*



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

334 HUMAN ANATOMY & PHYSIOLOGY

Grade Level: 11-12 **Credits:** 2 (Year) **Prerequisite:** 4 credits of science (2 from Biology or General Biology)

Objective: The goals of this course are to furnish the students with an understanding of the structure (anatomy) and function (physiology) of the human body. The students will study the systems of the human body to see how the body meets changing demands while maintaining the internal constancy necessary for the functioning of cells and organs. This information about the human body will help the students in their daily life and aid them in furthering their medical training in nursing, laboratory technology, X-ray technology, biology and medicine.

Description: Human Anatomy and Physiology is the study of the human body's design and function. Because the structures of the body are so exquisitely designed to carry out specific functions, one can best understand and appreciate anatomy and physiology when they are studied together. The study of the structure and function of the body is done by study of the various systems of the body and how the systems work in relationship with each other. To understand the mechanisms of the body the student must learn the names of a host of the body structures and must also learn what each does, and how they all do it together. One must have a working knowledge of atoms, molecules, cells, tissues, organs, systems, and the interaction of all these. The approach of the course will be to integrate all aspects of the body at every opportunity so that the student may develop the habit of thinking of the body as single functional unit. Anatomy must be the most visual of all the sciences; so good illustrations, diagrams, and dissections of organs will be used to gain better understanding of the body. Laboratory experience will include measure of blood pressure, EKG, EMG, pulse rates, respiratory volumes, and chemical content of blood and urine. The student will learn to prepare slides of various cells and tissues, stain and examine them under a microscope. The course will provide career education for those students who are interested in entering the fields of nursing, medical technology, X-ray technology, medicine, biology, and veterinary sciences.

<u>SOCIAL STUDIES</u>	<u>COURSE #</u>	<u>CREDITS</u>	<u>GRADE LEVEL</u>
<u>*World Geography</u>	<u>410</u>	<u>1</u>	<u>9, 10</u>
<u>*Modern History</u>	<u>422</u>	<u>1</u>	<u>9, 10</u>
<u>*Ancient-Medieval History</u>	<u>421</u>	<u>1</u>	<u>9, 10</u>
<u>(R) American History</u>	<u>430</u>	<u>2</u>	<u>11</u>
<u>AP United States History (may be substituted for Am. Hist)</u>	<u>437</u>	<u>2</u>	<u>11, 12</u>
<u>*Sociology</u>	<u>434</u>	<u>1</u>	<u>11, 12</u>
<u>*Psychology</u>	<u>436</u>	<u>1</u>	<u>11, 12</u>
<u>(R) *Civics</u>	<u>432</u>	<u>1</u>	<u>12</u>
<u>(RCC) *Intro to Psychology</u>	<u>445</u>	<u>1</u>	<u>12</u>
<u>(RCC) *Intro to Sociology</u>	<u>446</u>	<u>1</u>	<u>12</u>

410 WORLD GEOGRAPHY

Grade Level: 9-10 **Credits:** 1 (Semester) **Prerequisite:** None

Objective & Description: This course explores how physical features of the earth, population settlement patterns, human activities, customs and traditions contribute to defining a place, a culture and people. The course examines how the land, features, people and cultures of the world affect the social, political, and economic character of nations and regions.

421 ANCIENT MEDIEVAL HISTORY

Grade Level: 9-10 **Credits:** 1 (Semester) **Prerequisite:** None

Objective & Description: The purpose of this course is to acquaint the student with the past, beginning with Stone Age development. The Greeks and Romans are studied in depth, along with the feudal system. Also, eastern culture will be studied. The course concludes with African and early American cultures in the period prior to the Renaissance.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

422 MODERN HISTORY

Grade Level: 9-10 **Credits:** 1 (Semester) **Prerequisite:** None

Objective & Description: Modern History is a study of our global community's past, emphasizing the people and events that changed past societies, and how these changes affect our modern society. The course is separated into lessons comprising the following topic areas: The Renaissance and Reformation, The Age of Discoveries, The French Revolution and Napoleon. The second half of the class will cover the beginning of the Industrial Revolution, World War I, the Russian Revolution, World War II, its aftermath, and the Cold War. The course ends with the struggles for survival in a modern world.

434 SOCIOLOGY

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective & Description: The purpose of this course is to determine how groups and individuals interact with each other. Different cultures and societies are studied along with the American society. Different social institutions are studied, such as the family, the church, education, and government, to determine the effect each institution has on the individual.

436 PSYCHOLOGY

Grade Level: 11-12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective & Description: The goal of this course is to introduce the principles of psychology to students by using real world examples that are relevant to their lives. Students will engage in the scientific study of the human mind. The course will encompass the study of psychology as a science and the determinants of human personality and functioning. The course also focuses on how we may use the principles of physical and emotional/cognitive growth, leaning, personality functioning and coping, and social interactions in our daily lives.

445 INTRODUCTION TO PSYCHOLOGY – RCC DUAL CREDIT

Grade Level: 12 **Credits:** 1 HS / 3 College (Semester) **Prerequisite:** RCC English Placement test or ACT English AND Reading score of 19 or higher; RCC tuition and fees

Objective & Description: This course examines major psychological approaches to the study of human behavior and mental processes. It includes topics on the biological basis of behavior, learning, motivation, personality, stress, mental illness, memory and perception. This course will carry an internal weighted grade for the purpose of determining the valedictorian and salutatorian and any other possible high school awards that are issued.

446 INTRODUCTION TO SOCIOLOGY – RCC DUAL CREDIT

Grade Level: 12 **Credits:** 1 HS / 3 College (Semester) **Prerequisite:** RCC English Placement test or ACT English AND Reading score of 19 or higher; RCC tuition and fees

Objective & Description: This course provides a basic introduction to the discipline of sociology. The course explores the basic perspectives and methods of sociological inquiry, the relationships between humans, their society, and their culture, and the concept of social organizations. This course will carry an internal weighted grade for the purpose of determining the valedictorian and salutatorian and any other possible high school awards that are issued.

430 AMERICAN HISTORY ~ REQUIRED

Grade Level: 11 **Credits:** 2 (Year) **Prerequisite:** None

Objective & Objective: The course is a survey of the development of the United States from the beginning as colonies to the present. Major areas of study will include colonial life and institutions, the revolution, the early national period, the age of Jackson, Civil War and Reconstruction, the Gilded Age, World War I, the Depressions, World War II, undeclared wars, the sixties, and contemporary times. Other areas of interest that are to be explored will be women in American History, the role of African American's in our nation, American diplomacy, American cultural and intellectual history, and the American labor movement. Current events will be introduced to the students in order to relate and help the student to appreciate the parallels in current history and our nation's past.

432 CIVICS ~ REQUIRED

Grade Level: 12 **Credits:** 1 (Semester) **Prerequisite:** None

Objective & Description: To convince the student that effective government depends upon a citizen who is informed, educated and knowledgeable on the political and government working of our nation. Students will acquire and learn to use the skills, knowledge, and attitudes that will prepare them to be competent and responsible citizens throughout their lives. The Civics course content focuses on government institutions, the discussion of current and controversial issues, service learning, and simulations of the democratic process.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

437 AP UNITED STATES HISTORY (can be taken in place of regular American History)

Grade Level: 11-12 **Credits:** 2 (Year)

Prerequisite: Recommended for advanced level students who have earned a minimum of a “B” average in their English courses and/or teacher recommendation. Summer reading and writing is required.

Objective & Description: The objective of this course is to increase the student’s understanding of United States history from discovery to the present with the goal of having each student pass the AP examination. The course is divided into units of study arranged chronologically corresponding to major periods in American History. The areas of concentration include historical, political, and economic history coupled with an intense study of cultural and intellectual institutions and their development. This course is taught at the college level and revolves around intense student-initiated research, discussion, and writing.

RICHLAND COMMUNITY COLLEGE COURSES



Richland Community College provides students an opportunity to enroll in college courses concurrently with his or her high school studies. High school students may enroll at Richland to earn dual credit toward both high school and college simultaneously. Eligibility for admission to Richland is restricted to students having senior standing and must be verified in writing by the high school principal. The high school admission program may be entered through the following procedures:

- A high school senior requests permission from the high school principal for the student to register for a course at Richland
- Final approval for enrollment will then be determined by the coordinator of Student Recruitment and Admissions

College credit will not be awarded until the student completes high school and an official high school transcript is submitted to the college. Grades are submitted from Richland Community College at the completion of the semester course, then the grade is applied toward the student’s high school transcript.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

BLOOMINGTON AREA CAREER CENTER ~ BACC



Students who plan to take these courses will be transported to the Bloomington Area Career Center (BACC) from the high school at 8:40 a.m. and return to CHS by 11:45 p.m. Students will need utilize their returning commute as their lunch period on the bus and are responsible for all class information and homework provided first period that will be missed. Students must plan their courses carefully to meet all the prerequisites. It is advised that students make a four-year plan with their counselor as soon as possible during their freshman year. Students who have earned an overall “C” average with a good attendance record will be given priority enrollment consideration. Some programs in different time blocks may require students to provide their own transportation at the expense of the family.

NOTE: Since CUSD #15 pays tuition for students to attend BACC, no student may drop or add these classes after the *fifth day of attendance according to the Bloomington Public Schools calendar.* A contract is signed in the spring before each school year for these courses of study. See your counselor for further details.

BACC	COURSE #	CREDIT	GRADE LEVEL
Barbering I	596	4	11, 12
Barbering II	597	4	12
Cosmetology I	568	4	11, 12
Cosmetology II	569	4	12
Construction I	571	4	11, 12
Construction II	572	4	12
Criminal Justice & Law Enforcement I	581	4	11, 12
Criminal Justice & Law Enforcement II	582	4	12
Culinary Arts I	583	4	11, 12
Culinary Arts II	584	4	12
EMT ~ Basic	590	4	12
Fire Science I	591	4	11, 12
Graphic Design & Video Production I	562	4	11, 12
Graphic Design & Video Production II	563	4	12
Health Careers and Medical Terminology	575	4	11, 12
Nurse Assistant	565	4	11, 12
Advanced CNA	566	4	12
Robotics & Engineering	586	4	11, 12
Laborers' Training	599	4	11, 12



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

596 BARBERING I & 597 II

Grade Level: 11-12 **Credits:** 4 (year)

Description: There are tremendous opportunities for a great career in the barbering industry. As a barber, you'll devote your talents to making others look and feel their best. You'll keep up with current trends through practice, instructor demonstrations, and working on mannequins. The barbering industry offers many options for personal growth and many career paths to choose from. Students attend Hairmasters which is a Pivot Point Legacy School. While attending, students demonstrate competencies in several of the classroom modules needed for the required Illinois State Board Exam. All students will focus on one module in the first year and another module in the second year. Classes will also attend the Midwest Beauty Show in Chicago, IL where they are able to network with over 50,000 barbering and cosmetology industry professionals.

Module One will consist of the basic skills in men's and women's haircutting and styling. Students will practice these skills until they have mastered them based upon industry standards. **Module Two** will consist of furthering skills in men's and women's haircutting and styling as well as adding skills in perming, relaxing, and coloring services. Students then practice these skills until they have mastered them based upon industry standards. All hours accumulated during the student's time at BACC Hairmasters Barbering are credited towards the completion of the 1,500-hour course and licensure.

568 COSMETOLOGY I & 569 COSMETOLOGY II

Grade Level: 11-12 **Credits:** 4 (year)

Description: Do you want to learn how to braid, style, and perm long and short hair? Then this is the program for you! Students attend Hairmasters, which is a Pivot Point Legacy School. While attending, students demonstrate competencies in two of the five classroom modules needed for the required Illinois State Board Exam. All students will focus on one module in the first year and another module in the second year. Classes will also attend the Midwest Beauty Show in Chicago, where they are able to network with over 50,000 hair, skin, and nail professionals.

Module One will consist of styling hair in the wet and dry state. Training on manikins will develop an understanding of the shape of the head. Observation will be made of different ways of styling long and short hair. These methods may include braiding, curling, straightening, up and down styles, and many more. Students then practice these methods until they have mastered these techniques based upon industry standards.

Module Two will consist of understanding the texture of the hair. This will include adding and removing texture to hair, as well as multicultural texture reformation. Observation will be made of different ways of perming using different chemicals and rod styles, and relaxing hair using different chemical relaxers. Students then practice these methods until they have mastered these techniques based upon industry standards. All hours accumulated during the student's time at BACC Hairmasters Cosmetology are credited towards the completion of the 1,500-hour course and licensure.

First and second year students may also attend extra hours on Saturday and attend night school to complete their certification early with the approval of their instructor. The Bloomington Area Career Center will pay for one-night school class and may pay for some Saturday hours. *This program pathway can be completed at Hairmasters where they will prepare you to take the Illinois State mandated exam.*

571 CONSTRUCTION I

Grade Level: 11-12 **Credits:** 4 (year)

Description: This course provides an opportunity for students who are planning on entering a post-secondary educational program in construction or entering into the workforce at entry level. The focus of the class is the construction by the students of a residential home, with emphasis on foundations, framing, exterior and interior finish and roofing. Students will develop workplace skills in basic math, hand and power tools, basic blueprint reading, safe work habits, proper job attitudes, technical jargon and learn about the wide variety of opportunities in the field of construction.

OSHA 10-hour safety certification and CertainTeed Master Shingle Applicator Certification

This class is dual credit with Heartland Community College, Construction 101, 3 credit hours.

572 CONSTRUCTION II

Grade Level: 12 **Credits:** 4 (Year) **Prerequisite:** Successful completion of Construction I

Description: This course provides an opportunity for students who are planning to enter a postsecondary educational program in construction or enter into the workforce at entry level. Students will enhance workplace skills in blueprint reading, mechanical systems, electrical wiring, and construction estimating and scheduling, while developing leadership roles.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

581 CRIMINAL JUSTICE & LAW ENFORCEMENT I

Grade Level: 11-12 **Credits:** 4 (Year) **Prerequisite:** None

Description: This program is designed to acquaint students with the various aspects of the criminal justice system, including the structure of law enforcement; procedures of criminal law; the court system; corrections; and juvenile justice. Students will first learn the basics of the criminal justice system and become familiar with criminal law and how it applies to individual rights. United States Supreme Court landmark cases will be examined to have a better understanding of their importance in today's role in our criminal justice system. Students will also hear from experts who will expand their knowledge about the multitude of career opportunities within the criminal justice field. Students will take part in field trips to various locations within the criminal justice specialty areas to see and learn about their daily operations. Students will also take part in various hands-on activities similar to the duties of a police officer, as well as explore aspects of various roles within the police departments, including exploration in forensic science, evidence processing, and steps to properly process a crime scene.

582 CRIMINAL JUSTICE & LAW ENFORCEMENT II

Grade Level: 12 **Credits:** 4 (Year) **Prerequisite:** Successful completion of Criminal Justice & Law Enforcement I

Description: During this phase of the program, students will have the opportunity to explore more concise and detailed operations of the criminal justice field. Students will participate in various job-shadowing opportunities and off-site visits to select venues to gain a better understanding of specialties and characteristics within the criminal justice field. Independent study units will be used to allow a more advanced insight, as students will research and analyze actual police cases to examine findings and submit recommendations. Students will also have the opportunity to take on leadership and mentoring roles to first-year students and utilize their first-year experiences to assist in guiding students toward a successful year.

583 CULINARY ARTS I

Grade Level: 11-12 **Credits:** 4 (Year) **Prerequisite:** None

Description: This course provides students considering a career in culinary arts and the food service industry with classroom instruction and lab experiences to develop job-related competencies. Students start with basic sanitation and workplace safety, and then continue with instruction on food handling, preparation, quantity production, quality control, planning, operation, and presentation. Commercial quality food service equipment will be used to prepare food and provide hands-on instruction for each area of food study. Students will have the opportunity to earn the Foodservice Food Handler Certification.

This class is Dual Credit with Joliet Junior College: CA 106, 2 credits. Through this Dual Credit course, students will have the opportunity to earn the ServSafe Food Handler and Servsafe Food Production Manager Certification through ServSafe, which is endorsed by the National Restaurant Association.

584 CULINARY ARTS II

Grade Level: 12 **Credits:** 4 (Year) **Prerequisite:** Successful completion of Culinary Arts I

Description: This course provides students with leadership opportunities and responsibility for food service management. Students in this class have the opportunity to cater many different events. Students have the opportunity to plan menus, select food, supervise food preparation, develop pricing strategies, order food, and maintain safety and sanitation, while mastering operation of all food preparation equipment. Students develop skills that will prepare them for postsecondary education and employment opportunities.

590 EMT (EMERGENCY MEDICAL TECHNICIAN) ~ BASIC

Grade Level: 12 **Credits:** 4 (Year) **Prerequisite:** None

Description: This course will introduce the care and handling of the critically ill and injured. Emphasis is on the development of skills in assessment of illnesses and the application of proper emergency care procedures. This course will meet federal and state guidelines for basic EMT training. Students who successfully complete this course will be able to sit for the Illinois State or National Registry EMT-Basic licensure exam after turning 18 years of age and graduating from high school.

This class is Dual Credit with Heartland Community College, EMT 101, 8 credits.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

591 FIRE SCIENCE I

Grade Level: 11-12 **Credits:** 4 (Year) **Prerequisite:** None

Description: This program allows students to explore and prepare for a possible career in Fire Service and as an Emergency Medical Responder (EMR). Professional Firefighters teach the course. Students will gain lab experience on-site at Bloomington and Normal Fire Stations and will learn technical and manipulative skills. Those skills include, but are not limited to, the following areas of study: fire behavior, safety, self-contained breathing apparatus, turnout gear use, portable fire extinguishers, ladders and ladder use, fire hose and appliances, building construction, forcible entry, ventilation, water supply, nozzles and fire streams, rescue, fire control, and ropes and knots. The students will be offered the opportunity to participate in Skills USA, a competition of other fire science students in Illinois. Students must be in good physical condition to enroll in the course, as training will include climbing stairs and crawling with additional equipment and supplies.

This program is Dual Credit with Illinois Central College: Fire Science 110, 3 credits & Fire Science 113, 3 credits.

562 GRAPHIC DESIGN & VIDEO PRODUCTION I

Grade Level: 11-12 **Credits:** 4 (Year) **Prerequisite:** None

Description: Do you want to know how to turn your ideas into digital graphics? Have a skill at conceptualizing advertising graphics and want to turn them into usable pieces? Well here is a class for you. Students in this course will develop skills used by digital media graphic designers, desktop publishers, and other members of the multimedia/communications industry. Students will be using industry standard software packages, such as: Photoshop, Illustrator, Final Cut Pro X, and more. Students will be introduced to drawing techniques, digital photography, page assembly, multimedia production and print technologies, as well as vinyl printing. Students will also utilize the steps necessary to mass produce digital media designs. If you are considering a career in graphic arts, this is the class for you!

This class is Dual Credit with Heartland Community College, Digital Media 101, 3 credits. Students have the opportunity to become Adobe certified in Illustrator CC and Photoshop CC.

563 GRAPHIC DESIGN & VIDEO PRODUCTION II

Grade Level: 12 **Credits:** 4 (Year) **Prerequisite:** Successful completion of Graphic Design & Video Production I

Description: Students in this class will receive intensive study in advanced digital media design. Students will have the opportunity to establish a leadership role within the print shop, and partner with outside resources to create projects for distribution. This class is recommended for students who are considering a career in the industry as well as preparing for post-secondary education.

This class is Dual Credit with Heartland Community College, Digital Media 120, 3 credits.

575 HEALTH CAREERS AND MEDICAL TERMINOLOGY

Grade Level: 11-12 **Credits:** 4 (Year) **Prerequisite:** None

Description: Health Careers and Medical Terminology is a one-year program offered to sophomore, junior and senior students interested in pursuing a career in the medical field or in public safety. Students will learn basic human anatomy and physiology, a solid foundation in medical terminology, and injury/disease processes. Students will have many opportunities for hands-on training and skills development. It will provide a clear understanding of the first aid process in an emergency situation. The course will include field trips to local hospitals to see the skills firsthand with the potential for job shadowing. The course will explore many medical career options such as Physical and Occupational Therapy, Radiology, Dental Assistant, Nursing, Sports Medicine, X-Ray Technician, as well as Physician specialties. It will give students an up-close look at employment opportunities and educational pathways.

This class is Dual Credit with Heartland Community College, Health 110, 3 credits.

565 NURSE ASSISTANT

Grade Level: 11-12 **Credits:** 4 (Year) **Prerequisite:** None

Description: Are you contemplating a career in health care? Well, this is the class for you! The opportunities are unlimited for trained professionals in the healthcare field. Upon successful completion of this course, students are eligible to take the state competency exam to become certified nursing assistants (CNAs). Classroom instruction includes certification in Basic Life Support/CPR and fundamental healthcare principles. Some of these healthcare principles include infection control, safety, patient confidentiality, measuring vital signs, bathing and grooming techniques, nutrition, and transferring residents. Students will participate in hands-on care of residents in long-term care facilities as part of the clinical requirements. Attendance is essential due to the number of state-mandated hours that are required. This class is recommended for students planning for post-secondary education or career attainment. Excellent attendance and communication skills are necessary.

This class is Dual Credit with Heartland Community College, Nursing 110, 8 credits.



Course offerings listed in the curriculum handbook are not guaranteed All courses are subject to minimum enrollment requirements set by each department and administration

566 ADVANCED CNA

Grade Level: 12 **Credits:** 4 (Year)

Prerequisite: Completion of Nurse Assistant program, CNA certification, and approval from Nurse Assisting instructors

Description: Are you interested in getting hands-on experience in local hospitals, clinics, and medical offices? The Advanced CNA program is an internship program in which students gain learning experiences in local health care facilities. Students will benefit from speakers within the industry, enhance their technical skills, and develop workplace readiness. Students who have completed the BACC Nurse Assistant program have an opportunity to apply for the Advanced CNA program. The top 15 students are chosen based on their clinical skills, grades, attendance, professionalism, communication skills, and leadership qualities. Participating internship sites include, but are not limited to: Carle Bromenn Medical Center, OSF St. Joseph Medical Center, Center for Wound Healing and Hyperbaric Medicine, and Illinois Cancer Care. This class is recommended for students planning for post-secondary education or career attainment.

586 ROBOTICS & ENGINEERING

Grade Level: 11-12 **Credits:** 4 (Year) **Prerequisite:** None

Description: Students enrolled in this course will demonstrate the knowledge and skills necessary for robotic and engineering industries. Through implementation of the design process, students will apply concepts learned in physical science and physics classes to mechanical devices. Students will develop skills in mechanical design (CAD), and construction as they work in teams to build simple and complex robotic devices. They will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the engineering fields.

599 LABORERS' TRAINING

Grade Level: 11-12 **Credits:** 4 (Year) **Prerequisite:** None

Description: Are you interested in concrete finishing, bridging, mason tending, landscaping, GPS, blueprint reading, and pipe laying? The options and specializations available to Union Laborers are incredible! Upon successful completion of this program, students are eligible to apply for the Laborer's Union apprenticeship program with thirteen of the fifteen required classes for the Laborer's Union Apprenticeship Program. This course is a combination of both classroom instruction and hands-on experiences. Attendance is important for this course. This class is recommended for students who are highly interested in joining the Laborer's Union upon graduation. An interest in hands on work and a willingness to try new things are essential for this course:

Class held at Laborers' facility in Stanford, IL ... students will need reliable personal transportation.

