



2023-2024  
Curriculum Guide

Rushville-Industry High School  
730 N. Congress  
Rushville, IL 62681  
Mr. Brad Gooding, Principal

**RIHS Graduation Requirements  
(For class of 2015 and after)**

Students must earn a total of 25 credits

English .....	4 Credits total
Mathematics.....	3 credits with Algebra and Geometry required. Three credits required, but a fourth credit is recommended for post-secondary preparation.
Science .....	3 credits with Physical Science and Biology I required.
Social Studies .....	2 credits with World History and American History required.
American Government.....	½ credit
Consumer Education.....	½ credit
Physical Education .....	4 credits
Health Education .....	½ credit
Driver’s Education.....	½ credit
Other .....	1 Credit Must have 1 credit of music, art, foreign language, or vocational class

**Grade Classification**

Students will be listed in a class according to the number of credits earned:

- Senior (after 6 semesters): 18 credits needed
- Junior (after 4 semesters): 11 credits needed
- Sophomore (after 2 semesters): 4 credits needed

**Grading Scale**

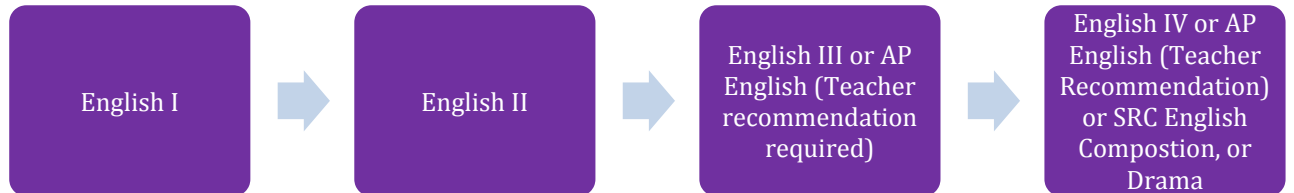
The following grading scale will be used in classes at RIHS:

A	90-100	Excellent
B	80-89	Above Average
C	70-79	Average
D	60-69	Below Average
F	59 & below	Unsatisfactory

## COURSE DESCRIPTIONS

Please note that not all courses are offered every semester. Course schedule is based on student interest and staff availability.

### English



#### English I

ISBE State Course Code: 01001A000

Grade: 9

Course Length: Full Year

Course Credit: 1

Prerequisite: None

English I builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

#### English II

ISBE State Course Code: 01002A000

Grade: 10

Course Length: Full Year

Course Credit: 1

Prerequisite: English I

English II offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

#### English III

ISBE State Course Code: 01003A000

Grade: 11

Course Length: Full Year

Course Credit: 1

Prerequisite: English II

English III continues to develop students' writing skills, emphasizing clear, logical

writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

### **Language Arts IV (up through 2020-2021)**

ISBE State Course Code: 01004A000

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: English III

Language Arts IV blends composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Students primarily write multi-paragraph essays, but they may also write one or more major research papers.

### **English IV (formerly College English IV up through 2020-2021)**

ISBE State Course Code: 01102A000

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: English III

College English IV is designed for seniors to build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, these courses – which emphasize word choice, usage, writing mechanics – provide continued and advanced instruction in writing for a variety of purposes and audiences. College English IV may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres.

### **AP English Language and Composition**

ISBE State Course Code: 01005A000

Grades: 11 or 12

Course Length: Full Year (Offered opposite year to AP English Literature and Composition)

Course Credit: 1

Prerequisite: Teacher Recommendation

AP English follows the College Board's suggested curriculum designed to parallel college-level English courses. AP English exposes students to prose written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the interaction of authorial purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes.

## **AP English Literature and Composition**

ISBE State Course Code: 01006A000

Grade: 11 or 12

Course Length: Full Year (Offered opposite year of English Language and Composition)

Course Credit: 1

Prerequisite: Teacher Recommendation

AP English Literature and Composition follows the College Board's suggested curriculum designed to parallel college-level English courses. This course enables students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own including literary analysis, exposition, argument, narrative, and creative writing.

## **English Composition I & II (Dual Credit)**

ISBE State Course Code:

Grade: 12

Course Length: Composition I (one semester)

Prerequisite: Placement Testing

Composition II (one semester)

Course Credit: 0.5 per semester

In partnership with Spoon River College, these two dual credit courses are basic composition work at the community college level. These two courses are taught at the Spoon River College Rushville Campus are designed to introduce students to college-level writing skills for students who meet the college readiness requirements. Students are required to submit an application and approval form to Spoon River College which results in the creation of a college transcript. Students and parents are responsible for all tuition and fees associated with these courses.

## **Creative Writing (2021-2023)**

ISBE State Course Code: 01104A000

Grades: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Creative Writing offers students the opportunity to develop and improve their technique and individual style in poetry, short story, essays, drama, and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft.

## **Genre Studies (2020-2021 and 2021-2022)**

ISBE State Course Code: 01061A000

Grades: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Genre Studies has the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on one or several genres.

Students will examine the structure, techniques, and intentions of the genre studied. Students will reading multiple short stories rather than large novels.

### **Drama**

ISBE State Course Code: 05053A000

Grades: 11 or 12

Course Length: Full Year

Course Credit: 1 – 2

(Students may repeat course and earn two full credits. Drama can fulfill English graduation requirement for senior year.)

Prerequisite: None

Drama is a comprehensive course intended to help develop students' experience and skill in one or more aspects of theatrical production. This introductory course provides an overview of the features of drama such as acting, set design, and stage management.

### **Photography/Stagecraft**

ISBE State Course Code: Photography (05167A000)/Stagecraft (05056A000)

Grades: 10, 11, or 12

Course Length: Semester or Full Year

Course Credit: 0.5-1.0

Photography will provide students with an understanding of photographic media, techniques, and processes. An exploration of the history of photography, historic movements, image manipulation, critical analysis and special effects will be explored. Stagecraft: Students will develop experience and skill in one or more aspects of theatrical production with concentration on lighting, costuming, set construction, makeup, and stage management.

### **Speech (2022-2023)**

ISBE State Course Code:01151A000

Grades: 11 or 12

Course Length: Semester

Course Credit: 0.5

Speech enables the student to develop communication skills that can be used in a variety of speaking situations. Course topics may include research and organization, writing for verbal delivery, stylistics choices, visual and presentation skills, analysis and critique, and development of self-confidence.

### **Yearbook**

ISBE State Course Code: 11102A000

Grades: 10, 11, or 12

Course Length: Full Year

Course Credit: 1- 3

(Students may repeat Yearbook and earn up to three credits.)

Prerequisite: Teacher Recommendation

Yearbook will require students to use their own personal creative styles paired with the 21<sup>st</sup> Century skills that are becoming more and more vital in today's society. Students will learn how to manage a full-scale, full-budget production that will

involve photography, writing, brainstorming, scheduling, editing, enhancing, advertising, selling, and distributing our school's yearbook.

### **Language Arts Enrichment**

ISBE State Course Code: 01009A000

Grades: 9, 10, 11, and 12

Course Length: Full Year

Course Credit: Students may repeat course and earn up to four credits.

Prerequisite: Teacher Recommendation/Access for ELLS: State English Language Proficiency Test

Language Arts Laboratory provides instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

### **Life Skills Reading**

ISBE State Course Code: 01999A000

Grades: 9, 10, 11, and 12

Course Length: Full Year

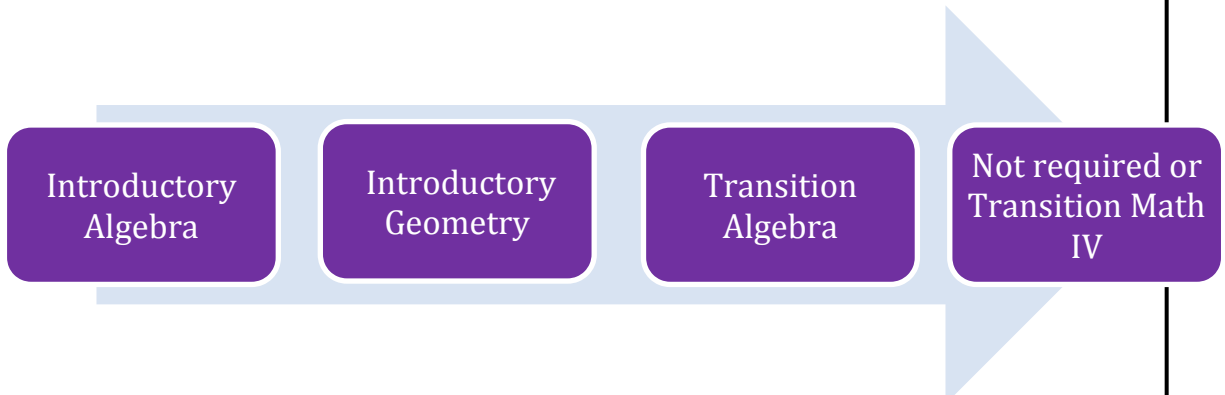
Course Credit: Students may repeat course and earn up to four credits.

Prerequisite: Student must have an Individual Education Plan.

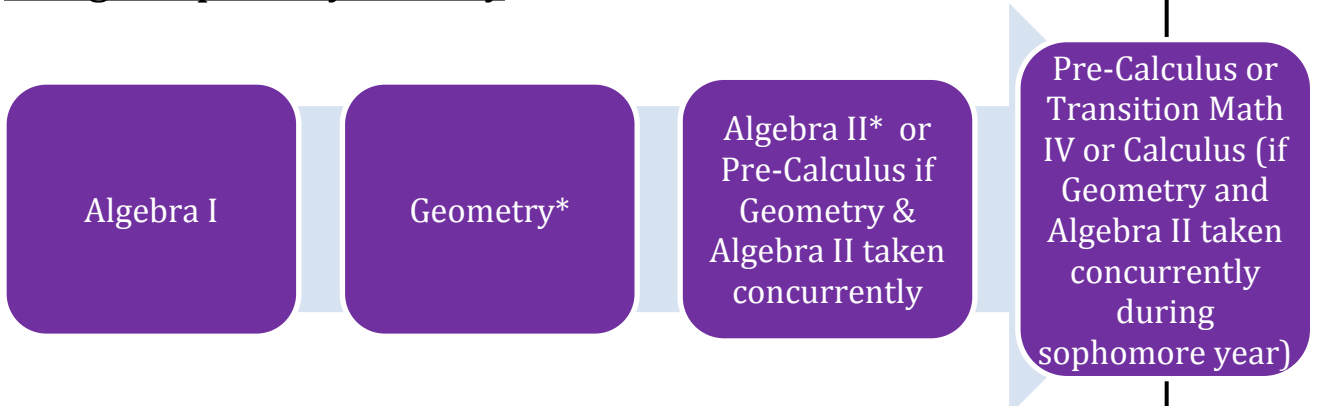
The goal of Life Skills Reading is to increase the student's skills level within reading and English and parallels the general education classroom. The course emphasizes reading comprehension, writing skills, grammar skills, dictionary usage, and other skills student need to develop to be an independent adult citizen and employee.

# Math

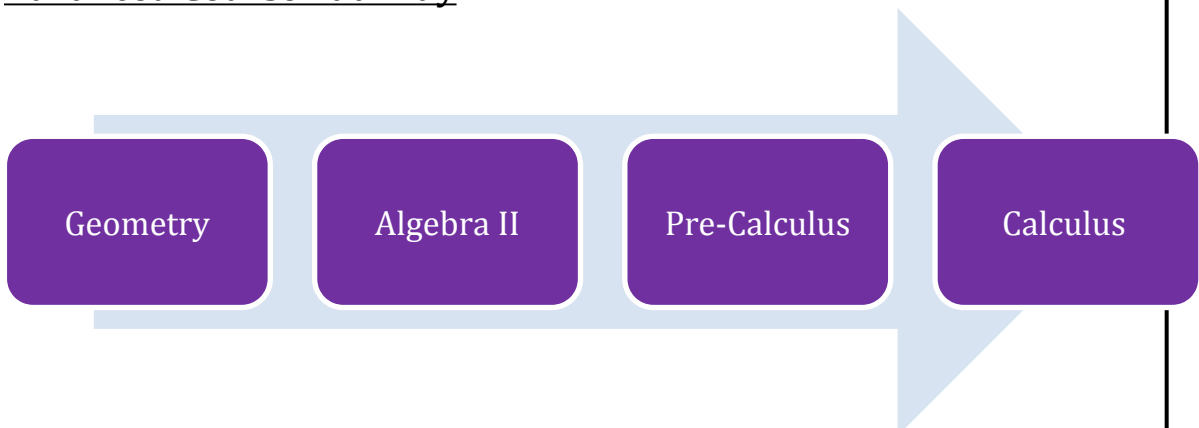
## Non-college Pathway



## College Preparatory Pathway



## Advanced Course Pathway





## **Algebra I**

ISBE State Course Code: 02052A000

Grades: 9

Course Length: Full Year

Course Credit: 1

Prerequisite: Teacher Recommendation

Algebra I includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring polynomials; and solving simple quadratic equations.

## **Introductory Algebra (Replaces Algebra I Part I/Algebra I Part 2 - 2024)**

**\*NCAA does not accept this course.**

ISBE State Course Code:

Grades: 9

Course Length: Full Year

Course Credit: 1

Prerequisite: Teacher Recommendation

Emphasis is placed upon the fundamentals of Algebra including solving linear equations and inequalities, identifying functions, operations with polynomials, factoring quadratic expressions, and graphing linear functions. This course will lay the foundation for success in the Introduction to Geometry and Transition Algebra. It also meets the Algebra graduation requirement.

## **Algebra I Part 1 (Course ended 2023)**

ISBE State Course Code: 02053A000

Grades: 9

Course Length: Full Year

Course Credit: 1

Prerequisite: Teacher Recommendation

This course is the first part in a multi-part sequence of Algebra I. This course generally covers the same topics as the first semester of Algebra I, including the study of properties of rational numbers (i.e., number theory), ratio, proportion, and estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first degree equations and inequalities.

## **Algebra I Part 2 (Course ended 2023)**

ISBE State Course Code: 02054A000

Grades: 10

Course Length: Full Year

Course Credit: 1 credit

Prerequisite: Algebra I Part I with a grade of C or better and/or teacher recommendation

This course is the second part in a multi-part sequence of Algebra I. This course generally covers the same topics as the second semester of Algebra I, including the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities,

translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.

### **Geometry**

ISBE State Course Code: 02072A000

Grades: 9 or 10

Course Length: Full Year

Course Credit: 1 credit

Prerequisite: Algebra I or Algebra I Part I/Algebra Part II with a grade of C or better and/or teacher recommendation

Geometry emphasizes an abstract, formal approach to the study of geometry, typically including topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

### **Introductory Geometry (Informal Geometry through 2023)**

**\*NCAA does not accept this course.**

ISBE State Course Code: 02071A000

Grades: 10

Course Length: Full Year

Course Credit: 1 credit

Prerequisite:

Students will maintain and broaden their algebra skills and emphasize practical applications of properties of and work with plan and solid figures, inductive methods of reasoning and use of logic, concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

## **Algebra II**

ISBE State Course Code: 02056A000

Grades: 10 or 11

Course Length: Full Year

Course Credit: 1

Prerequisite: Geometry with grade of C or better and/or teacher recommendation  
Algebra II typically includes field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents. Algebra II can be taken concurrently with Geometry with math departmental approval.

## **Transition Algebra**

**\*NCAA does not accept this course.**

ISBE State Course Code: 02055A000

Grades: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Geometry or Informal Geometry with grade of C or better and/or teacher recommendation

Transition Algebra reviews and extends algebra and geometry concepts for students who have already taken Algebra I and Geometry. Transition Algebra includes a review of such topics as properties and operations of real numbers; evaluation of rational algebraic expressions; solutions and graphs of first degree equations and inequalities; translation of word problems into equations; operations with and factoring of polynomials; simple quadratics; properties of plane and solid figures; rules of congruence and similarity; coordinate geometry including lines, segments, and circles in the coordinate plane; and angle measurement in triangles including trigonometric ratios.

## **Pre-Calculus (Previously named Trigonometry/Adv. Alg.)**

ISBE State Course Code: 02110A000

Grades: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Algebra II with grade of C or better and/or teacher recommendation  
Pre-Calculus combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for Calculus. It will include the study of complex numbers, polynomial logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs, trigonometric identities and equations, solutions of right and oblique triangles, vectors the polar coordinate system and conic sections

### **Transition Math IV**

ISBE State Course Code: 02201A001      Course Length: Full Year  
Course Credit: 1

Prerequisite: Student must have met the requirement of three math credits for high school graduation. This course will replace the remedial math course at the community/junior college level and at some four-year institutions.

Upon completion, students should be able to demonstrate proficiency and understanding in operations sense, estimation, measurement, quantitative reasoning, basic statistics, application of basic algebraic topics, functions, and modeling. Transition Math IV is delivered through an authentic application, problem based instruction designed to build mathematical conceptual understanding and critical thinking skills.

### **Calculus**

ISBE State Course Code: 02121A000  
Grade: 12      Course Length: Full Year  
Course Credit: 1

Prerequisite: Trigonometry/Adv. Geometry with C or better and/or teacher recommendation

Calculus includes the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of Calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

### **Life Skills Math**

ISBE State Course Code: 02151A000  
Grades: 9, 10, 11, and 12      Course Length: Full Year  
Course Credit: Students may repeat course and earn up to four credits.

Prerequisite: Student must have an Individual Education Plan (IEP).

Life Skills Math reinforces general math skills as with extending the skills to include pre-algebra, algebra, and geometry topics. Life Skills Math emphasizes skills used in a variety of practical, consumer, business, and occupational applications. Students repeating the course will meet the graduation requirement in algebra, geometry, and the third year math credit.

## **Science**

### **Physical Science**

ISBE State Course Code: 03159A000

Grade: 9

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Physical Science is an introduction to physics, chemistry, and Earth science. The general topics of physics such as mechanics, heat, sound, light, and electricity will be covered. This course will deal with general topics of chemistry such as the properties of matter, states of matter, chemical bonds, periodic table of elements, and solutions. This course will also cover general topics of Earth science such as weather and climate, Earth's surface, and the solar system.

### **Biology I**

ISBE State Course Code: 03051A000

Grade: 10

Course Length: Full Year

Course Credit: 1

Prerequisite: Physical Science

Biology I is designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, genetics, taxonomy, evolution, natural selection, and ecology.

### **Biology II**

ISBE State Course Code: 03052A000

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: C or better in Biology I

Biology II covers biological systems in more detail. Topics included are reproduction, energy transformation, human anatomy and physiology, and the evolution and adaptation of organisms, genetics, bacteria, viruses, fungi, protists and plants.

### **Chemistry**

ISBE State Course Code: 03101A000

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or better in Algebra I and Biology I **and** concurrent enrollment in Geometry or Algebra II.

Chemistry is designed for students who wish to enter the scientific fields, engineering, nursing, pharmacy, or other medical careers. Chemistry deals with structure and composition of matter and the changes in composition of these materials. A strong review of mathematics is needed to complete this course

(dimensional analysis, calculator use, scientific notation, significant figures, rounding and proportions), matter and its changes, atomic structure, electron configurations of elements, the periodic table, chemical bonds, chemical formulas, chemical reactions, density and percent error, percent composition, balancing chemical equations, stoichiometry, types of reactions and gas laws. Classroom labs and virtual labs will be used.

## **Chemistry II**

ISBE State Course Code: 03102A000

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or better in Chemistry I

Chemistry II includes a review of Chemistry I topics in further details and to apply them to new concepts. New concepts include gas laws continued, acids, bases, salts, titration, molarity, molality, normality, pH problems, introduction to organic chemistry, liquids and solids, solutions, calorimeter problems, chemical equilibrium and reaction rates.

## **Environmental Science**

ISBE State Course Code: 03003A000

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or better in Biology I

Environmental Science examines the mutual relationships between organisms and their environment. Includes studying the interrelationships among plants, animals, and humans. Topics covered are ecosystems, populations, growth studies, pollution, natural disasters, conservation of natural resources the human impact on the planet. Some of the big ideas covered are sustainability, biodiversity, climate change, resource management, minerals and mining, environmental health and toxicity, agriculture and the mineral cycles.

## **Environmental Science II**

ISBE State Course Code: 03999A000

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or better in Environmental Science II

Environmental Science courses examine the relationships between humans and their environment. This is an interdisciplinary approach involving ecology, earth science, chemistry, biology, geography, economics, political science, demography, ethics, and others. The students use research to tackle environmental topics such as global warming, ozone depletion, use of resources, population growth rates, food shortages and pollution to see natural causes, human causes for environmental injustices and seek remediation for these conditions and to attain sustainability.

## **Physics**

ISBE State Course Code: 03151A000

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or better in Algebra II

Physics is a math-based study of the relationship between matter and energy. Classical physics involves the study of forces and laws of nature affecting matter such as motion, momentum, and heat. The study of physics includes examination of sound, light and magnetic and electric phenomena.

## **Anatomy & Physiology**

ISBE State Course Code: 03053A000

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or better in Biology I

Human anatomy and physiology terminology and basic concepts will be emphasized. The course will deal with how anatomy (structure) is intricately related to the physiology (function) of the human body. This course deals with numerous examinations of slides, both cytology and histology. The course also involves numerous dissections of organs both virtual and manual. This course is for students looking at a career in life science or health occupations.

## **Life Skills Science**

ISBE State Course Code: 03999A000

Grade: 9, 10, 11, and 12

Course Length: Full Year

Course Credit: Students may repeat course and earn up to four credits.

Prerequisite: Student must have an Individual Education Plan.

Life Skills Science parallels the general education science classes, but places more emphasis on the individual student needs. Students repeating the course will meet the graduation requirement in physical science and biology, and the third year science credit.

## **Social Studies**

### **Contemporary History (2017-2021)**

ISBE State Course Code: 04064A000

Grade: 10, 11, or 12  
other year)

Course Length: Full Year (Offered every

Course Credit: 1

Prerequisite: None

Contemporary History takes an extensive look at the post-World War II America. Starting with the Cold War (leading to present day), Contemporary History attempts to explain how foreign policies, social ideology, and global issues have changed drastically in the past century.

### **History through Pop Culture (2017-2021)**

ISBE State Course Code: 04301A000

Grade: 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

History through Pop Culture is aimed at the artistic side of the United States. History through Pop Culture will cover subject areas that are often skipped over in other American History classes. This course will offer students the opportunity to learn more about the history of films, novels, music, art, entertainment, and other hidden areas of society.

### **History of the Wild West (2018-2021)**

ISBE State Course Code: 04109A000

Grade: 10, 11, or 12

Course Length: Full Year

Course Credit: 0.5

Prerequisite: None

History of the Wild West will survey the exploration, settlement, and development of the American West. It will study the conflicts that arose between Europeans and the Native Americans. It will also examine the delicate balance between resource extraction and environmental protection.

### **Military History (2018-2021)**

ISBE State Course Code: 04155A000

Grade: 10, 11, or 12

Course Length: Full Year (Prior to 2019-Semester)

Course Credit: 1

Course Credit: 1

Military History will examine policies and engagements which had a significance in America's independence, expansion, and present world position.

## **Sociology**



ISBE State Course Code: 04258A000

Grade: 10, 11, or 12

Course Length: Full Year (Offered every other year)

Course Credit: 1

Prerequisite: None

Sociology introduces students to the study of human behavior in society. Sociology provides an in-depth look into both the foreign and domestic arenas as the course will attempt to answer questions about social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

### **Sports Writing and History (formerly named Sports Writing)**

ISBE State Course Code: 04149A000

Grade: 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Sports History and Writing will survey the different sports, seasons, from their origins to the present. It will focus on college, professional, and Olympic sports. Students will be exposed to article readings, writing reflections, and term papers.

### **Women in History (2018-2021)**

ISBE State Course Code: (04062A000)

Grade, 10, 11, or 12

Course Length: One semester

Course Credit: 0.5

Prerequisite: None

Women of History will shed light on the key figures in American History who do not always receive as much attention. This course will examine famous first ladies, inventors, revolutionaries, officials, and soldiers.

### **World Geography**

ISBE State Course Code: 04001A000

Grade: 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment, the political landscape, the relationship between the people and the land; economic production and development; and the movement of people, goods, and ideas.

### **World History**

ISBE State Course Code: 04051A000

Grade: 10

Course Length: Full Year

Course Credit: 1

Prerequisite: None

World History provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments.

### **American History**

ISBE State Course Code: 04101A000

Grade: 11

Course Length: Full Year

Course Credit: 1

Prerequisite: None

American History is a comprehensive course that provides students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. American History typically includes a historical overview of political, military, scientific, and social developments.

### **American Government**

ISBE State Course Code: 04151A000

Grade: 12

Course Length: One Semester

Course Credit: 0.5

Prerequisite: None

American Government provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of the political parties, and interest groups, and the importance of civic participation in the democratic process. American government examines the structure and function of state and local governments.

### **World Studies**

ISBE State Course Code: 04156A000

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: A letter grade of A in World History, World Geography, or American History and teacher recommendation.

World Studies is designed for students who have a profound interest in geography and history. Topics in the class vary from year to year depending on students' interests. This class emphasizes writing, research, and presentations and does require the ability to analyze and evaluate issues in an interdependent world context.

## **Life Skills Social Studies**

ISBE State Course Code: 04999A000

Grade: 9, 10, 11, and 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Student must have an Individual Education Plan

Life Skills Social Studies parallels the general education social studies classes, but places more emphasis on the individual student needs. Students repeating the course will meet the graduation requirement in World History, American History, and American Government.

# **Physical Education**

## **Physical Education**

ISBE State Course Code: 08001A000

Grade: 9, 10, 11, 12

Course Length: Full Year

Course Credit: 4 credits

Prerequisite: Required each year

The Physical Education course provides students with the knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and conditioning activities. This course is required for all students except those who have a PE waiver (approved juniors and seniors in a fall and/or spring IHSA sport).

## **Fitness PE**

ISBE State Course Code: 08005A000

Grade: 9, 10, 11, 12

Course Length: Full Year

Course Credit: 4 credits

Prerequisite: Teacher recommendation and Grade of C or better in PE

Fitness PE course emphasizes conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. Students are expected to keep a record book of activities and will be tested at the end of each quarter.

## **Driver's Education/Health**

### **Driver's Education**

ISBE State Course Code: 08151A000

Grade: 9

Course Length: Semester

Course Credit: 0.5

Prerequisite: Enrollment by age

Driver's Education is a semester course (minimum of 30 clock hours) to be taken by students according to their age. Older students are scheduled into the course first.

Driver education consists of two parts: the classroom phase and the behind the wheel (driving) phase. The classroom portion is required to be successfully completed. In the classroom, principles of sportsmanlike driving are installed with special emphasis on driving defensively. During the behind-the-wheel instruction, students learn the fundamental skills of safe driving. Concentration is given to development of good highway habits. The behind-the-wheel instruction consists of six hours of instruction. Driving may be scheduled during or after regular school hours.

### **Health**

ISBE State Course Code: 08051A000

Grade: 9

Course Length: Semester

Course Credit: 0.5

Prerequisite: None

Health course introduces students to personal health (nutrition, mental health and stress management, drug/alcohol prevention, disease prevention, and first aid) and consumer health issues.

# **Agriculture**

## **Agriculture Orientation**

ISBE State Course Code: 18001A001

Grade: 9

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Agriculture Orientation 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, and social science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

## **BSAA Plant/Animal Science**

ISBE State Course Code: 18051A002 (BSAA Plant Science)/18101A001 (BSAA Animal Science)

Grade: 10

Course Length: Full Year

Course Credit: 1

Prerequisite: Agriculture Orientation with grade of C or better or teacher recommendation.

Plant/Animal Science builds on basic skills and knowledge gained in the Agriculture Orientation course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, and advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

## **Agriculture Business Management**

ISBE State Course Code: 18201A001

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Agriculture Orientation and Plant/Animal Science with grade of C or better or teacher recommendation.

Agriculture Business Management will provide students with the basic knowledge and skills necessary to manage personal finance and develop into a successful entrepreneur and/or a business person. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial

management of an agribusiness, local, state, and federal taxes, and development of employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Career preparation concepts including resume building, public speaking, and interviewing skills, and the development of public relations skills are part of this course. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

### **Agricultural Mechanics**

ISBE State Course Code: 18402A001

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Ag Orientation and Plant/Animal Science with grade of C or better or teacher recommendation.

Agricultural Mechanics course will concentrate on expanding students' knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are: design, construction, fabrication, maintenance, welding, internal combustion engines, agriculture machinery, and employability skills. Careers of agricultural engineer, welder, equipment designer, parts manager, safety inspector, welder, and other related occupations are examined. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

### **Horticulture Production and Management**

ISBE State Course Code: 18051A001

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Ag Orientation and Plant/Animal Science with a grade of C or better or teacher recommendation.

Students will experience greenhouse production and landscape areas of horticulture. Instruction will focus upon plant identification, greenhouse management, growing greenhouse crops, landscape design, installation and maintenance, horticulture mechanics, nursery management, and turf production. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

## **Agricultural Leadership**

ISBE State Course Code: 18203A002

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Teacher Recommendation; Must have completed a minimum of 3 agricultural courses and hold chapter officer status.

Agricultural leadership is designed to provide students with the knowledge and leadership experiences to help them to become successful in the life and in the workplace. Students will further enhance their potential for leadership development, personal growth, and career success. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts.



## **Business**

### **CEO (Creating Entrepreneurial Opportunities)**

ISBE State Course Code: 12053A001

Grade: 11 or 12

Course Length: Full Year

Course Credit: 2

Prerequisite: Selection based on application process.

CEO (Creating Entrepreneurial Opportunities) course acquaints students with the knowledge and skills necessary to own and operate their own businesses through a project based classroom. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Problem solving, teamwork, self-motivation, responsibility, and higher order thinking, communication, and inquiry are emphasized throughout the course.

### **Computer Applications**

ISBE State Course Code: 10004A001

Grade: 9, 10, 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Computer Applications is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing, and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, database management, presentation software, and photo editing.

### **Introduction to Computers**

ISBE State Course Code: 10152A001

Grade: 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Introduction to Computers is designed to develop computer programming and program designed skills through the use of programming language such as Python. Students will be exposed to the fundamentals of system analysis and design. Instruction will include basic programming tools that are common in the Python language.

### **Accounting**

ISBE State Course Code: 12104A001

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Accounting is a course that assists students pursuing a career in business, marketing, or management. This course includes planned learning experiences that

develop initial or basic skills used systematically computing, classifying, recording, verifying, and maintaining business transactions. The course teaches the use of journals, ledgers, worksheets, income statements, and balance sheets.

### **Introduction to Business**

ISBE State Course Code: 12001A001

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Introduction to Business will provide an overview of all aspects of business marketing and management including concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as finance, management, marketing, administration, and production. Business ethics as well as other workplace skills will be taught and integrated within this course.

### **Business Partnership**

ISBE State Course Code: 22153A001

Grade: 12

Course Length: Full Year

Course Credit: 1-3

Prerequisite: Business Partnership Teacher Recommendation

Business Partnership is designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school, and on the job through cooperative education. Students are released from school for their cooperative work experience and participate in related classroom instruction.

### **Consumer Education**

ISBE State Course Code: 22210A000

Grade: 12

Course Length: Semester

Course Credit: 0.5

Prerequisite: None

Consumer Education provides students with an understanding of the concepts of principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. This course meets the requirement for consumer economics instruction as required by the School Code of Illinois (Section 27-12-1).

## **Fine Arts**

### **Exploring Contemporary Art**

ISBE State Course Code: 05151A000

Grade: 9, 10, 11, 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

This unique visual arts course will focus on today's artists and will include class discussions, investigations of artwork, art criticism, and art production. Students will explore the world of contemporary art, make connections to other disciplines and current events while gaining an understanding of the artists' ideas and intentions.

### **Art I**

ISBE State Course Code: 05154A000

Grade: 9

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Art I is a basic introductory course that provides students with the knowledge and opportunity to explore an art form and to create individual works of art. This course emphasizes the basic fundamentals of visual art through the study of art history, art appreciation, and studio projects. Art I students will create art work through various techniques in drawing, painting, and sculpture. Reflection upon specific artists or artistic periods will take place with each project. The following topics will be included in this course: Elements and Principles of Art, Asian Art, Renaissance, Impressionism, Post-Impressionism, Cubism, Medieval, Modern/Contemporary and Realism.

### **Art II**

ISBE State Course Code: 05170A000

Grade: 10

Course Length: Full Year

Course Credit: 1

Prerequisite: Art I with a grade of a C (75%) or higher

Art II is a course designed for the art student who wants a chance to expand on the basic ideas of Art I. Art II will cover art history, art appreciation, studio projects as well as art criticism. Topics covered will be Renaissance, Impressionism, Art Nouveau, Modern/Contemporary, and Realism.

### **Drawing/Painting**

ISBE State Course Code: 05155A000

Grade: 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Art I and Art II with a grade of C (75%) or higher

Drawing/Painting is an advanced art course that will spend the first semester covering different drawing techniques and media and the second semester will

emphasize the same with painting. This class is designed for the art student that desires more freedom in choosing their art projects. Students are required to turn in six projects a semester with emphasis placed on creativity, originality, and deadlines. Media included: pastels, Conte crayon, charcoal, pencil, watercolor, acrylics, and oils.

### **3D Design/Printmaking**

ISBE State Course Code: 05158A000

Grade 11 or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Art I and Art II with a grade of C (75%) or higher

3D Design/Printmaking is an advanced art course that will spend the first semester covering different three dimensional sculptures and the second semester will provide emphasis upon a variety of printmaking techniques. Media includes: Linoleum printing, mono printing, screen printing, clay plaster, wire, aluminum, and assemblage.

### **Band or Band/Chorus**

ISBE State Course Code: 05101A000

Grade: 9, 10, 11, 12

Course Length: Full Year

Course Credit: 1-4 (Students may enroll in the course and earn up to four credits.)

Prerequisite: Middle School Band or Lessons

Membership in the Rushville-Industry High School Band is open to any student who can play a band instrument. Band provides music for both the school and the community. Emphasis is on marching band during the first quarter and on concert band and pep band the remainder of the year. Several concerts are presented annually, and the opportunity is provided for almost every student to participate in the IHSA solo and ensemble contest. Band rehearsals prepare the band for its performance in developing musical skills and in playing worthwhile music for individual enjoyment. Students will be required at all band performances whether it is a field show, parade, concert, or basketball game.

### **Chorus**

ISBE State Course Code: 05110A000

Grade: 9, 10, 11, 12

Course Length: Full Year

Course Credit: 1-4 (Students may enroll in the course and earn up to four credits.)

Prerequisite: Teacher approval

Membership in the RIHS Choral program is open to any student, who can sing and is capable of reading music or willing to learn to read music. Chorus provides musical entertainment for the schools, or various civic organizations in the community as well as singing for the student's personal enjoyment. Curriculum consists of the study of various numbers, a study in introductory music theory, learning of vocal techniques, and the study of music appreciation. Involvement in the IHSA Choral Ensemble and Solo Contest and the annual RIHS musical is encouraged and expected. Chorus meets as a class during the high school day.



## **Foreign Language**

### **Spanish I**

ISBE State Course Code: 06101A000

Grade: 9

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Spanish I is designed to introduce students to Spanish language and culture. Spanish I course emphasizes upon basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within the predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

### **Spanish II**

ISBE State Course Code: 06102A000

Grade: 10

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or above in Spanish I or teacher approval

Spanish II will build upon skills developed in Spanish I extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

### **Spanish III**

ISBE State Course Code: 06103A000

Grade: 11

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or above in Spanish II or teacher approval

Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing within limited situations.

### **Spanish IV**

ISBE State Course Code: 06104A000

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Grade of C or above in Spanish III or teacher approval

Spanish IV course focuses on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple

conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

## **Industrial Technology**

### **Introduction to Industrial Technology (Industrial Technology I through 2020-2021)**

ISBE State Course Code: 13052A001

Grade: 9, 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: None

Industrial Technology I is a course designed to foster an awareness and understanding of manufacturing and construction technology to include applied math skills. Experiences in manufacturing include product design (drafting), materials and processes (woodworking), tools, and equipment including computers, safety procedures, production planning, mass production, marketing and servicing.

### **Industrial Technology II (up through 2020-2021 school year)**

ISBE State Course Code: 13302A001

Grade: 9, 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Industrial Technology I with grade of C or above or teacher approval.

Industrial Technology II allows students to build upon foundational skill from Industrial Technology I with planned learning experiences and activities that include safety, basic hand and power tools, mathematics, precision measurement, blueprint reading, introduction to electricity and basic carpentry.

### **Beginning Cabinetmaking (New Course added 2022-2023)**

ISBE State Course Code: 17007A003

Grade: 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Industrial Technology I with a grade of C or above or teacher approval. Students will have experience in constructing cases, cabinets, counters, and other interior woodwork. Students will learn how to use various woodworking machines and power tools for cutting and shaping wood. Joining wood, how to use mechanical fasteners, and attaching hardware will be included.

### **Introduction to Engineering (New course added 2021-2022)**

ISBE State Course Code: 21006A000

Grade: 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Students will experience solving problems by applying a design development process. Often using solid modeling computer design software, students develop, analyze, and test produce solutions models as well as communicate the features of those models.

### **Introduction to Image Editing (New course added 2021-2022)**



ISBE State Course Code: 11154A003

Grade: 10, 11, or 12

Course Length: Semester

Course Credit: 0.5

Introduction to Image Editing will teach students to use artistic techniques to effectively communicate ideas via illustration and other forms of digital media. Topics will include concept design, layout, and paste-up.

### **Metalworking (New course added 2021-2022)**

ISBE State Course Code: 13202A000

Grade: 10, 11, or 12

Course Length: Full Year

Course Credit: 1

Metalworking courses introduce students to the physical and chemical properties of various metals and the tools and equipment used to manipulate metal and form it into products. Students will develop planning, layout, and measurement skills to gain experience in cutting, bending, forging, casting, and/or welding metal. Correct use of metalworking tools and equipment is stressed.

### **Beginning Welding**

ISBE State Course Code: 13207A003

Grade: 11, 12

Course Length: Full Year

Course Credit: 1

This course assists students in gaining the knowledge and basic skills in welding technology. Students are introduced to arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. Students will also learn basics of blueprint reading, precision measuring, layout, and production process planning.

### **Cabinetmaking/Millwork (New course added 2021-2022)**

ISBE State Course Code: 17007A001

Grade: 11, 12

Course Length: Semester

Course Credit: 0.5

This course introduces students to the basic design and fabrication of residential cabinetry and custom furniture. The course exposes students to millwork and the millwright industry. Instruction includes safety practices in using hand tools and power equipment.

### **Computer Aided Drafting (New course added 2021-2022)**

ISBE State Course Code: 21103A001

Grade: 11, 12

Course Length: Semester

Course Credit: 0.5

Students will be introduced to the Architectural Drafting and Computer Aided Design field. Students will experience planning and organizing activities, reach information, prepare preliminary drawings, basic layout, detail drawings, reproduction techniques, produce working drawings, and computer aid drafting.

### **Exploring Manufacturing (2021- 2023)**

ISBE State Course Code: 13001A001      Course Length: Semester

Course Credit: 0.5

Students will be exposed to career opportunities pertaining to the processing and production of goods. Course topics will include manufacturing process, properties of various raw materials, and the methods used to transform materials into consumer products.

### **Home Repair/Carpentry (New course added 2021-2022)**

ISBE State Course Code: 17003A001      Course Length: Semester

Course Credit: 0.5

Students are introduced to the theoretical knowledge of needed in the carpentry/carpenter industry. Students will be instructed in the areas of safety and shop tools. Students will be introduced to the theoretical knowledge needed in the home repair/carpentry industry and will learn entry-level skills in all facets of residential repair.

### **Industrial Technology III/IV (up through 2020-2021 school year)**

ISBE State Course Code: 13302A002

Grade: 9, 10, 11, or 12

Course Length: Full Year

Course Credit: Student may repeat course for a total of two credits.

Prerequisite: Completion of Industrial Technology II with grade of C or above or with teacher approval.

Industrial Technology III/IV builds on the skills and concepts introduced in Industrial Technology II. This course provides planned learning experiences and activities in safety, advanced mathematics, precision measurement, and blueprint reading.

# **Nursing**

## **Basic Nursing**

ISBE State Course Code: 14051A001

Grade: 11 or 12

Course Length: Full Year

Prerequisite: Teacher Recommendation which includes review of the discipline log for every interested student. Anyone with a history of assault and/or battery or other infractions with criminal law is grounds for exclusion from the class. Each student is required to have a non-fingerprinted background check. Other requirements include: physical exam on form provided by instructor, two-step TB skin test, and influenza vaccine.

This class will prepare students for entry positions in the area of health occupations or will give students background for post-high school programs in the areas of health services.

The first semester of the class is designed to be an orientation to the fields of health occupations, and includes such things as development of proper attitudes, etiquettes, ethics, careers in health services, nursing homes, homemaker health aides, sources of careers information, and preparation for the clinical phase of the program. Special emphasis on the particular knowledge and skills required of nurses and/or nursing assistants and aides while covering general health care topics (i.e., patient care, anatomy and physiology, medical terminology, hygiene and disease prevention, first aid, and CPR, and laboratory procedures). The second semester is the clinical phase of the class, where students work under the direct supervision their teacher in some field of health occupations, mostly in the local nursing home. Areas covered include introduction to the patient, the working situation, making the occupied bed, lifting, moving, and transporting patients, personal care of patients, food service, special treatments, observing and recording vital signs, patient's admission, transfer and discharge, physical examinations, hot and cold applications, preoperative nursing care, postoperative nursing care, patients in isolation, and other areas. The clinical portion of the class is at Rushville Nursing and Rehabilitative Care Center. Following completion of the course, the students will be eligible to take the state competency exam and upon passing will qualify to be employed as certified nursing assistants in nursing homes, hospitals, and home health agencies.

## **Special Education**

### **Daily Living Skills**

ISBE State Course Code: 22251A000

Grade: 9, 10, 11, and 12

Course Length: Full Year

Course Credit: Student may with case manager recommendation repeat course and earn up to four credits.

Daily Living Skills course provides students with life skills to become productive adults and wise consumers. Topics include decision-making, goal setting, employment, cooking, budgeting, and time management.

### **Life Skills Consumer Math**

ISBE State Course Code: 02157A000

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Student must have an Individual Education Plan.

Life Skills Consumer Math parallels the general education class, Consumer Education, to provide required graduation requirement, but places more emphasis on the individual student needs.

### **Study Tutorial (up to 2022-2023)**

ISBE State Course Code: 22005A00

Grade: 9, 10, 11, and 12

Course Length: Full Year

Course Credit: Student may repeat course and earn up to four credits.

Prerequisite: Student must have an Individual Education Plan or 504 Plan

Study Tutorial prepares the students for success in high school. Students will have assistance in reading improvement skills such as scanning, note taking, outlining; library and research skills; listening and note-taking; vocabulary skills; and test-taking skills. The course may also emphasis career exploration.

## **MISCELLANEOUS**

### **Teacher Assistant**

ISBE State Course Code: 22995A000

Grade: 12

Course Length: Full Year

Course Credit: 1

Prerequisite: Teacher recommendation and principal approval.

Teacher assistant provides students the opportunity to assist teachers with the preparation, organization, or delivering of course curriculum.