

# **NEW BERLIN HIGH SCHOOL**



## **Curriculum Guide 2026-2027**

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## **NBHS Graduation Requirements**

Students must complete a minimum of 26 credits to graduate from New Berlin High School. The following credits are required for graduation\*\*

<b>Physical Education/Health/Driver's Education</b> <i>Must include Health (0.5 credits)</i> <i>Must include Driver's Education (0.25 credits)</i>	<b>4.0 Credits</b>
<b>English</b> <i>Must include English I, II, and III</i>	<b>4.0 Credits</b>
<b>Mathematics</b> <i>Must include Algebra 1, Geometry, and Algebra 2 (classes of 2027 and beyond)</i>	<b>3.0 Credits</b>
<b>Science</b> <i>Must include Integrated Physical Science and Integrated Biology</i>	<b>3.0 Credits</b>
<b>Social Studies</b> <i>Must include World Studies, Early US History &amp; Government, and Modern US History</i>	<b>3.0 Credits</b>
<b>Consumer Education</b> <i>Personal Finance OR Ag Business Management</i>	<b>0.5 Credit</b>
<b>Electives</b> <i>Must include one year of art, music, foreign language, or vocation education.</i>	<b>8.5 Credits</b>

For students first entering high school in the 2022-23 school year, one year of a course that includes intensive instruction in computer literacy, which may be English, social studies, or any other subject and which may be counted toward the fulfillment of other graduation requirements.

**\*\*These requirements do not apply to students with disabilities whose course of study is determined by an Individualized Education Program.**

Note: Students must be enrolled in physical education OR health courses for every semester enrolled at New Berlin. According to Illinois School Code, students may be waived from physical education class only with a medical excuse or an approved waiver form. **Students may enroll in only one (1) physical education class per semester.**

### **State Assessment Graduation Requirement:**

To receive a diploma from a public high school a student shall be required to complete the state's final accountability assessment.

### **FAFSA Graduation Requirement:**

Starting in the school year 2020-2021, to receive a diploma from a public high school a student must complete the Free Application for Federal Student Aid (FAFSA) or, if applicable, the Alternative Application for the Illinois Financial Aid.

Alternatively, a parent or guardian must file a waiver if they choose to opt a child out of this graduation requirement by completing the electronic nonparticipation form; students who are at least 18 years of age or legally emancipated may complete the form themselves. If you need assistance with the waiver, please contact the Director of Student Services.

### **Transfer Students**

Transfer students to New Berlin High School are expected to meet graduation requirements in order to receive a NBHS diploma. If a student transferring in does not have a transcript from an accredited organization/institute they will be required to take a placement test(s) to determine grade level placement. It may be necessary for transfer students to take placement test(s) to place them in appropriate course(s). All transfer grades will be unweighted. Students transferring mid-year may be placed in online learning based on their current coursework. Any online class will need to be completed in its entirety prior to the end of the semester regardless of when the transfer occurs.

### **School Day Requirements**

Students are expected to enroll in three-and-a-half (3.5) credits per semester or seven (7) credits per academic year. Seniors enrolled in college courses must enroll, and remain enrolled, in two (2) individually credited courses totaling 6 hours at the college level per semester.

### **Course Prerequisites**

Certain courses at NBHS require permission of the teacher and/or previous coursework in order to register for the class. Students must be aware that they assume responsibility for taking the appropriate prerequisites before registering for classes. As such it is imperative that all students develop a four-year plan of study, which will be reviewed by the Student Services Department on an annual basis. All course descriptions and the required prerequisites are described in the following pages.

### **Changing Courses**

Students may drop elective courses at the discretion of a student or parent until the end of the 3rd day of the 1st semester. After that date, no class changes are permitted without special permission from the Principal. Changing a course requires the signatures of both a parent/guardian and the teacher. A class change request form with the appropriate signatures must be submitted to the Student Services office by the close of the 3rd day of the 1st semester. Any class change requests for 2nd semester classes must be submitted to the Student Services office by the last day of the 1st semester.

### **Credit Recovery**

Students may enroll in online courses through a program approved by administration during the school year or the summer for credit recovery. If there is a cost, students are responsible for credit recovery tuition. Credit recovery classes will not count toward a student's cumulative GPA.

### **Concurrent College Enrollment (CollegeNow)**

Juniors and Seniors wanting to take college courses while enrolled in high school may do so if high school graduation requirements can be fulfilled during morning hours. Students must enroll in four courses at NBHS. Additionally, students must obtain an enrollment form signed by their parents and principal, demonstrate an ability to benefit from the college work, and have a cumulative un-weighted GPA of 3.0 or higher in order to enroll. Students must meet all LLCC prerequisites for the classes they will be enrolled in. Tuition will be the responsibility of the student. College courses will not count toward a student's cumulative GPA. **If a student is enrolling in full-time CollegeNow, they** Students must enroll in a minimum of 15 credit hours at the college and provide proof of enrollment, attendance, and passing grades to the Student Services Department for each semester of enrollment.

### **Dual Credit**

Periodically, New Berlin High School offers opportunities for Dual Credit courses on campus. These courses are intended for our students who want to obtain college credit while still attending high school. Unlike coursework taken off campus, Dual Credit coursework will be counted toward the student's credit summary and cumulative GPA. To enroll in dual credit, students must be at least 16 years of age, and a Dual Enrollment Contract must be signed by both student and their parent/guardian prior to admission.

## **NBHS DUAL CREDIT COURSES**

### **Lincoln Land Community College**

- Students will receive both high school and collegiate credit for the courses listed below.
- Students must successfully complete coursework with a grade of “C” or better
- Since these are college courses, it is expected that the student will remain in the course for the entire length of the course. If a student withdraws, it will potentially affect their collegiate financial aid (post-graduation)
- Students who do not otherwise meet a community college’s academic eligibility to enroll in a dual credit course taught at the high school may enroll in the dual credit course, but only for high school credit.

<b>Department</b>	<b>NBHS Course</b>	<b>LLCC Code</b>	<b># of credits</b>
Agriculture	*****Agricultural Business Management	ABM 106	3 credits
Agriculture	*****Agriculture Sales & Marketing	ABM 202	3 credits
Agriculture	*****Greenhouse Production & Management	HRT 100	1 credit
Agriculture	*****Greenhouse Production & Management	HRT 102	3 credits
English	*Composition I	EGL 101	3 credits
English	**Composition II	EGL 102	3 credits
English	Intro to Literature: Multi-genre	EGL 109	3 credits
Spanish	***Spanish III	SPA 201 SPA 101/SPA 102	4 credits
Spanish	****Spanish IV	SPA202 SPA 201/SPA 202	4 credits
CollegeNOW	*****First Year Experience	FYE 101	2 credits

- *\* Students must have at least a 2.700 GPA or must score a 18 or higher on the ACT in English, or score a 480 on the SAT in English and Reading or score 5+ (out of 8) on the LLCC placement tests*
- *\*\*Students must earn a C or better in EGL101*
- *\*\*\*Students must earn a C or better in SPA102*
- *\*\*\*\*Students must earn a C or better in SPA102*
- *\*\*\*\*\*Not offered for Dual Credit for the 2026-2027 school year*

<b>Department</b>	<b>Course</b>	<b>LLCC Code</b>	<b># of credits</b>
CollegeNOW	Public Speaking Fundamentals	CMN 101	3 credits
CollegeNOW	Intro to Literature: Multi-genre	EGL 109	3 credits
CollegeNOW	Art Appreciation	ART 101	3 credits
CollegeNOW	Introduction to Sociology	SOC 101	3 credits
CollegeNOW	Introduction to Humanities	HUM 101	3 credits

**\*This list is not all inclusive. College Now students must take five(5) classes of their choosing.**

### **What is the difference between the CollegeNOW courses and other dual credit courses?**

- The CollegeNOW courses are taught by LLCC professors rather than NBHS teachers.
- Students must pay LLCC tuition and fees for CollegeNOW courses, while other dual credit courses have no cost.

## **CAPITAL AREA CAREER CENTER DUAL CREDIT COURSEWORK**

<b>CACC Course</b>	<b>LLCC Course</b>	<b>College/Career Pathway</b>
<b>Finance and Business Services</b>		
Culinary Arts I	CLA100, CLA131, HSP107	
Culinary Arts II	CLA 141, HSP100, HSP105	
<b>Sangamon CEO</b>		<b>X</b>
<b>Health Sciences and Technology</b>		
Nursing Assistant	NAS101	
<b>Human and Public Services</b>		
Fire Science I	FST 111 and FST 112	
Fire Science II	FST104 and FST218	
<b>Information Technology</b>		
IT Networking and Cybersecurity I	CSC140 and CSC241	
IT Networking and Cybersecurity II	CSC141 and CSC243	
IT Operations and Programming I	CSC100, CSC125	
IT Operations and Programming II	CSC170	
<b>Manufacturing, Engineering, Technology and Trade</b>		
Automotive Technology and Servicing I	AUT 101 and AUT109	
Automotive Technology and Servicing II	AUT 106 and AUT107	
Building Trades I	BDM102 and BDM 106	
Building Trades II	BDM108	<b>X</b>
Electronic and Engineering I	ELM101, ELM103, ELM105	
Electronic and Engineering II	ELM107 and ELM114	
Engineering for High Tech	CSC 225 CSC 275	
HVAC and Electrical System Technology I	ARH101 and ARH207	
HVAC and Electrical System Technology II	ARH208	
Welding I	WEL101 and WEL103	
Welding II	WEL102 and WEL104	<b>X</b>

**Career & Technical Credit (CTE)**

New Berlin High School offers a number of courses on our campus which offer proficiency credit through Lincoln Land Community College via an articulation agreement. Successful completion of these courses with a “C” or better, may lead to certification in specific areas of career and technical education.

**CollegeNOW Spring Program**

CollegeNOW Spring Program will provide a college level experience to high school seniors allowing them to earn dual credit through Lincoln Land Community College, and to develop the necessary readiness and skills for continued postsecondary academic success. Students must meet all LLCC prerequisites for the classes they will be enrolled in. Credit earned is posted as college credit on an official LLCC transcript. Courses offered in district high schools make college more accessible to area high school students. Students still participate in high school activities. Students are responsible for the college tuition, textbook rental, and other fees.

**Early Graduation**

Student(s) who wish to graduate after the 7th semester (first semester senior year) must make this request in writing via a letter along with an application submitted to the Director of Student Services **prior to the September Board of Education meeting of that year.** ~~by September 1<sup>st</sup> of that year.~~ The letter must be signed by both the student AND parent/guardian (regardless of student age). The student's credits will then be reviewed and, if approved by the Director of Student Services will be submitted to the Principal and Superintendent for final approval. Failure to follow this process will result in denial of the request. Students taking correspondence courses for early graduation must also have all coursework and exams finished by the end of the Fall Semester. An early graduate will receive his or her diploma at commencement in May/June.

Student(s) who wish to graduate a whole year early, at the end of Junior year, must make this request in writing via a letter along with an application submitted to the Director of Student Services by the end of their Sophomore year. The letter must be signed by both the student AND parent/guardian (regardless of student age). The student's credits will then be reviewed and, if approved by the Director of Student Services will be submitted to the Principal and Superintendent for final approval. Failure to follow this process will result in denial of the request. Students taking correspondence courses for early graduation must also have all coursework and exams finished by the set deadline for the Spring Semester. An early graduate will receive his or her diploma at commencement in May/June.

## **AVAILABLE COURSE LISTINGS**

### **AGRICULTURE**

Suggested Four Year Course Plan:

<b>Year</b>	<b>Class</b>
<b>Freshman</b>	Introduction to Agriculture, Food, & Natural Resource <b>and/or</b> Basic Agricultural Mechanics
<b>Sophomore</b>	Animal Biology / Plant Biology <b>and/or</b> Basic Agricultural Mechanics <b>and/or</b> Veterinary Science / Horticulture
<b>Junior</b>	Animal Biology / Plant Biology <b>and/or</b> Greenhouse Production & Management <b>and/or</b> Agriculture Leadership <b>and/or</b> Ag Business <b>and/or</b> Agriculture Engineering <b>and/or</b> Veterinary Science / Horticulture
<b>Senior</b>	Ag Business/Ag Sales & Marketing <b>and/or</b> Greenhouse Prod. & Mgmt. <b>and/or</b> Agriculture Leadership <b>and/or</b> Agriculture Engineering <b>and/or</b> Veterinary Science / Horticulture

The following Agriculture classes will be offered on a rotation basis. They will be offered in the years below.

<b>2025-2026 School Year</b>	<b>2026-2027</b>
Animal Biology (1 semester) Plant Biology (1 semester)	Veterinary Science (1 semester) Horticultural Production (1 semester)



## **INTRODUCTION TO AGRICULTURE, FOOD, & NATURAL RESOURCE (AG101A/AG101B)**

SCED Code: 18001A001 (CTE Course)

Recommended Grade Level: 9, 10, 11, 12

Length of Course: 1 Semester

Credit: 1 credit

Prerequisite: None

This introduction 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, horticulture, natural resources, agribusiness management, and agricultural mechanics will be presented. 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.

## **BASIC AGRICULTURAL MECHANICS (AG102A/AG102B)**

SCED Code: 18401A001

Recommended Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

Credit: 1 credit

Prerequisite: None

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include basic shop safety, hand and power tool knowledge, fasteners, basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, basic plumbing, concrete, welding, construction, and operating agricultural equipment safely. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

## **ADVANCED AGRICULTURAL MECHANICS 2(AG202A/AG202B)**

SCED Code: 18402A001

Recommended Grade Level: 10, 11, 12

Length of Course: 1 Year

Credit: 1 credit

Prerequisite: Completion of Basic Agriculture Mechanics

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include basic shop safety, hand and power tool knowledge, fasteners, basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, basic plumbing, concrete, welding, construction, and operating agricultural equipment safely. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

## **ADVANCED AGRICULTURAL MECHANICS 3(AG303A/AG303B)**

SCED Code: 18402A001

Recommended Grade Level: 11, 12

Length of Course: 1 Year

Credit: 1 credit

Prerequisite: Completion of Advanced Agriculture Mechanics 2

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include basic shop safety, hand and power tool knowledge, fasteners, basic fundamentals of maintaining and repairing small gasoline engines, basic electricity, basic plumbing, concrete, welding, construction, and operating agricultural equipment safely. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**ANIMAL BIOLOGY (AG201A)**

SCED Code: 18101A002 (CTE Course)

Recommended Grade Level: 9, 10, 11, 12

Length of Course: 1 Semester

Credit: 0.5 credit

Prerequisite: Introduction to Agriculture (preferred)

This course is based on the Next Generation Science Standards (NGSS) – Life Sciences and the National Agriculture, Food and Natural Resources (AFNR) Standards. The relevance of science is conveyed and reinforced through the applied setting of agriculture by enhancing literacy in science and scientific processes as applied to plants and animals. Student learning is extended through scientific inquiry strategies including lab-oriented methods focusing on observational skills, experimental methods, and deductive reasoning. Topics include cell biology, anatomy, genetics, reproduction, heredity, physiology, growth, management and agroecology of plants and animals. 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.

*\*This class is typically paired with Plant Biology*

**PLANT BIOLOGY (AG201B)**

SCED Code: 18051A002(CTE Course)

Recommended Grade Level: 9, 10, 11, 12

Length of Course: 1 Semester

Credit: 0.5 credit

Prerequisite: Introduction to Agriculture (preferred)

This course is based on the Next Generation Science Standards (NGSS) – Life Sciences and the National Agriculture, Food and Natural Resources (AFNR) Standards. The relevance of science is conveyed and reinforced through the applied setting of agriculture by enhancing literacy in science and scientific processes as applied to plants and animals. Student learning is extended through scientific inquiry strategies including lab-oriented methods focusing on observational skills, experimental methods, and deductive reasoning. Topics include cell biology, anatomy, genetics, reproduction, heredity, physiology, growth, management and agroecology of plants and animals. 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.

*\*This class is typically paired with Animal Biology*

**AGRICULTURAL ENGINEERING (AG302A/AG302B)**

SCED Code: 18405A002 (CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 Year

Credit: 1 credit

Prerequisite: Basic Agricultural Mechanics or Intro. to Agricultural

Throughout the course, students apply technical and engineering skills while becoming competent in the processes used to operate, repair, engineer, and design agricultural structures, engines, and equipment. Students practice technical skills including reading prints, troubleshooting machines, documenting an engine teardown and assembly, reading schematics, building simple machines, using hydraulics,

researching machine replacement parts, and calculating production efficiencies. The engineering portion of the course includes prototype development, computer aided design (CAD), 3D printing, documentation of machine processes, machine automation and programming, testing designs for structural integrity, and calculating machine speed and power. 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 & MANAGEMENT (AG411B)**

SCED Code: 18051A001(CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 semester

Credit: 0.5 credit per semester

Prerequisite: Plant Biology

This course offers instruction in both the greenhouse production and landscape areas of horticulture. Units of study include plant identification, greenhouse management, growing greenhouse crops, landscape design, installation, and maintenance, horticulture mechanics, nursery management, and turf production. Agribusiness units will cover operating a horticultural business, pricing work, advertising, and sales. 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.

### **VETERINARY SCIENCE (AG411A)**

SCED Code: 18105A001(CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 semester

Credit: 0.5 credit per semester

Prerequisite: Animal Biology

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

### **GREENHOUSE PRODUCTION AND MANAGEMENT (AG301B)**

*(Dual Credit with LLCC—HRT 100 and HRT 102)*

SCED Code: 18053A001 (CTE Course)

Recommended Grade Level: 11, 12

Length of Course: 1 semester

Credit: 0.5 credit per semester

Prerequisite: Introduction to Agriculture, Food, & Natural Resource, Plant Biology

This advanced course offers instruction in both the greenhouse production and landscape areas of horticulture. Units of study include plant identification, greenhouse management, growing greenhouse crops, landscape design, installation, and maintenance, horticulture mechanics, nursery management,

and turf production. Agribusiness units will cover operating a horticultural business, pricing work, advertising, and sales. 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.

### **AGRICULTURAL BUSINESS MANAGEMENT (AG401A)**

*(Dual Credit with LLCC—ABM 106)*

**\*\*Meets Consumer Education Requirement**

SCED Code: 18201A001 (CTE Course)

Recommended Grade Level: 11, 12

Length of Course: 1 semester

Credit: 0.5 credit

Prerequisite: Introduction to Agriculture, Food, & Natural Resource (preferred)

This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson while incorporating aspects of Dave Ramsey Foundation. 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, agricultural law, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. 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.

*\*This class is typically paired with Agricultural Sales and Marketing*

### **AGRICULTURAL SALES AND MARKETING (AG401B)**

SCED Code: 18202A001 (CTE Course)

Recommended Grade Level: 11, 12

Length of Course: 1 semester

Credit: 0.5 credit

Prerequisite: Introduction to Agriculture, Food, & Natural Resource (preferred)

This course is designed to develop student knowledge and skills in agricultural sales and marketing, commodity marketing, agricultural economics, and international agriculture. Instructional units include: successfully starting an agribusiness, developing a marketing plan, pricing, advertising, and selling products and services, communicating with customers, applying commodity trading techniques, basic economic principles, the international agribusiness economy, and agricultural career opportunities. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. 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.

*\*This class is typically paired with Agricultural Business Management*

### **AGRICULTURE LEADERSHIP (AG311A/AG311B)**

SCED Code: 18203A003(CTE Course)

Recommended Grade Level: 11, 12

Length of Course: 1 year

Credit: 1 credit

Prerequisite: Introduction to Agriculture & Course you wish to align with (preferred)

This course is designed to provide students with the knowledge and leadership experiences to help them to become successful in life and in the workplace. Students will further enhance their potential for leadership development, personal growth, and career success. This will be accomplished by studying

various learning styles, personality traits, and career readiness components; such as resume and scholarship building. 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.

*\*This is an independent study course and requires an application to be completed by the student and approved by the teacher.*

## **ART**

Suggested Four Year Course Plan:

<b>Year</b>	<b>Class</b>
<b>Freshman</b>	Art I
<b>Sophomore</b>	Art II <b>and/or</b> Ceramics 1, <b>and/or</b> Photography
<b>Junior</b>	Advanced Art <b>and/or</b> Photography <b>and/or</b> Ceramics 1, and/or Ceramics 2
<b>Senior</b>	Senior Portfolio <b>and/or</b> Photography <b>and/or</b> Ceramics1, and/or Ceramics 2

### **ART I (AR101A/AR101B)**

SCED Code: 05154A000

Recommended Grade Level: 9, 10, 11, 12

Length of Course: 1 year

Credit: 1 credit

Prerequisite: Interest in art, willingness to work

Art I is a basic art course acquainting students with the many facets of art. Beginning with the elements of art, students will learn the basics. From this point, work is created in various media: graphite, colored pencils, paint, charcoal, chalk, pen and ink, and watercolor. Figure drawing, still life, and some imaginative drawing is done. Three-dimensional work will be explored in the mediums of clay and plaster. A sketchbook with weekly assignments is required. Weekly discussions or writing prompts about art history and contemporary art will be worth a participation grade.

### **ART II (AR201A/AR201B)**

SCED Code: 05154A000

Recommended Grade Level: 10, 11, 12

Length of Course: 1 year

Credit: 1 credit

Prerequisite: Completion of Art I

In Art II, students will develop skills in composition by working with various media. The areas of printmaking, mixed media drawing, papermaking, and acrylic painting will be explored. Projects in ceramics and sculpture will also be executed. A sketchbook with weekly assignments is required. Weekly discussions or writing assignments about art history and contemporary art will be worth a 10 point participation grade.

### **CERAMICS 1 (AR202A/AR202B)**

SCED Code: 05159A000

Recommended Grade Level: 10, 11, 12

Length of Course: 1 year

Credit: 1 credit

Prerequisite: Completion of Art I

This class will introduce students to building with clay where emphasis will be placed on the design elements; line, shape, texture, and color. In this class we will explore both functional and sculptural applications of clay through studying traditional and historical ceramic artists. Students will also be introduced to using the pottery wheel. Additional skills learned will be glazing application and techniques, kiln firing, and more.

### **CERAMICS 2 (AR302A/AR302B)**

SCED Code: 05159A000

Recommended Grade Level: 11, 12

Length of Course: 1 year

Credit: 1 credit

Prerequisite: Completion of Art I and Ceramics 1

This class will continue to push students in ceramics through an "independent study" format. Students will create a portfolio of ceramic pieces that show a wide range of ability from hand building to using the pottery wheel - with a stronger emphasis on one of the two areas. Projects will be based on proposals written by the student that are rooted in the elements and principles of art, while also tying into art history.

**PHOTOGRAPHY (AR311A/AR311B)**

SCED Code: 05167A000

Length of Course: 1 year

Prerequisite: Completion of Art I

Recommended Grade Level: 10, 11, 12

Credit: 1 credit

Students will be introduced to the art of Photography and. Photoshop. They will learn about how to properly use a digital camera, along with all the settings. They will also learn about different photographers throughout history, what elements create a successful image, and what not to do when taking photos. Students will also be learning how to use Photoshop to edit their images to either enhance what the photo already has, or to create an entirely new picture.

**ADVANCED ART (AR401A/AR401B)**

SCED Code: 05154A000

Length of Course: 1 year

Prerequisite: Completion of Art I and Art II or instructor approved

Recommended Grade Level: 11, 12

Credit: 1 credit

This course is for students who want an opportunity to advance to a higher level of understanding and skill development in the two-dimensional and three-dimensional areas. Techniques and ideas learned in Art II will be further explored and developed. Students will be expected to express their ideas in a variety of styles and methods. Students will be required to participate in class discussion, discuss works of art, critique a formal work of art, create projects influenced by Contemporary works of Art.

**SENIOR PORTFOLIO (AR411A/AR411B)**SCED Code: ~~05170A000~~ 55197A000

Length of Course: 1 year

Prerequisite: Completion of three years of any combination of Art Courses or instructor approval

Recommended Grade Level: 12

Credit: 1 credit

Students will work in an "independent study" format. At the beginning of each semester, students will come up with one "big idea" and create a body of cohesive work focused on his/her theme. This will create a linear body of work for a strong portfolio. Students will learn how to professionally photograph and organize their work into a portfolio that is suitable for college admission and scholarships. Holding critiques will allow students to get feedback and constructive criticism from their classmates. Critiquing also helps to broaden artistic vocabulary and comfort level discussing individual ideas and work. Lastly, students will study various artist statements and construct their own statement of purpose. Approval from the teacher is required prior to enrolling into Senior Portfolio.

## **BUSINESS**

### **INTRODUCTION TO BUSINESS (BU101A/BU101B)**

SCED Code:12051A001 (CTE Course)

Recommended Grade Level: 9, 10, 11, 12

Length of Course: 1 year

Credit: 1 credit

Prerequisite:None

This is a one year course designed to introduce students to the world of business, and teach students essential life skills necessary for success in today's world. Concepts of insurance, finance, accounting, marketing, management, and business organization are introduced. This class also focuses on introducing students to Marketing and Business Law.

### **COMPUTER APPLICATIONS (BU102A/BU102B)**

SCED Code: 10004A001 (CTE Course)

Recommended Grade Level: 9, 10, 11, 12

Length of Course: 1 year

Credit: 1 credit

Prerequisite:None

Students will explore computer skills and applications needed on a personal, school/college, and career level. The focus of this course is to provide knowledge and skills associated with Microsoft Office applications including: Word, PowerPoint, Excel, Access, Publisher and Outlook. Students will create various documents: reports, business letters, tables, databases, spreadsheets, and brochures. In addition, students will expand their knowledge of computer terminology, parts of a computer, and search strategies on the Internet.

### **ACCOUNTING I (BU201A)**

SCED Code:12104A001 (CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course:1 semester

Credit: 0.5 credit

Prerequisite: Completion of Introduction to Business

Students will learn basic fundamental principles of the accounting cycle. The course introduces the language and concepts of accounting to the student through the use of textbook, workbook, and accounting simulations. Students will learn the necessity of neatness and accuracy through this process. The students will gain insight into the operation of business of various sizes, learn the necessity of keeping accurate records, and become aware of any aptitude he or she might have in the accounting area.

### **ACCOUNTING II (BU201B)**

SCED Code:12104A002 (CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 Semester

Credit: 0.5 credit

Prerequisite: Successful completion of Accounting I

Accounting II is a course that builds upon the foundation established in Accounting I. This course is planned to help students to develop deeper knowledge of the principles of accounting with more emphasis being placed on financial statements and accounting records. It is a study of previously learned principles as they apply to the more complicated types of business organizations: partnerships, corporations, branches, etc. The students may become familiar with such specialized fields of accounting as cost accounting, tax accounting, payroll accounting, and others. Some students may choose to do specialized accounting computer applications, and others may elect payroll clerk, data processing computer applications. Simulated business conditions may be provided through the use of practice sets. Skills are developed in the entry, retrieval, and statistical analysis of business data using computers for accounting business applications.



**CAREER SEMINAR (BU401A/BU402B)**

SCED Code: 22151A001

Length of Course: 1 semester

Prerequisite: none

Recommended Grade Level: 11, 12

Credit: 0.5 credit

Senior Seminar is a course designed to ease the transfer from high school to life after high school. The course will focus on post high school education and career preparation. The following topics will be covered:

1. options after high school
2. education and scholarship applications
3. career interest exploration
4. occupational and transferable skills
5. job applications and interviews
6. resumes, cover letters, post interview letters, resignation letters

*\*This class is normally paired with Personal Finance*

**PERSONAL FINANCE (BU402A/BU401B)**

**\*\*Meets Consumer Education Requirement\*\***

SCED Code: 22210A000

Length of Course: 1 semester

Prerequisite: none

Recommended Grade Level: 11, 12

Credit: 0.5 credit

Personal and family finances throughout life will be the focus of this course. Learning experiences will center on goal-setting, decision making, and prevention strategies that contribute to an improved quality of life. The role of consumers in our economy as well as budgeting, saving, investing, credit, and insurance will be a focus in the course. Projects will align with major financial decisions such as transportation and housing.

**Entrepreneurship (BU405A/BU405B)**

SCED Code: 12053A001

Length of Course: 1 year

Prerequisite: Introduction to Business

Recommended Grade Level: 11, 12

Credit: 1 credit

Entrepreneurship is a course designed to introduce students to different levels of business and business management. The course focuses on the operation of a small business; requiring students to learn and apply the skills necessary to its successful operation. Students will learn concepts and skills related to units of study including, but not limited to, Marketing, Management, Business Communication, Accounting, and Economics

## ENGLISH

Suggested Four Year Course Plans:

Year	Course
Freshman	English I
Sophomore	English II <i>*consider Public Speaking and/or Creative Media(as an elective)</i>
Junior	English III <i>*consider Dramatic Lit/Literature and the American Dream and/or Public Speaking and/or Creative Media (as an elective)</i>
Senior	English IV <b>OR</b> Composition I/II <b>OR</b> Dramatic Lit/Literature and the American Dream <b>OR</b> Intro to Literatures: Multi. Genre <i>*consider Public Speaking and/or Creative Media (as an elective)</i>

### ENGLISH I (EN101A/EN101B)

College Prep/NCAA approved  
SCED Code: 01001A000  
Length of Course: 1 year  
Prerequisite: none

**\*\*Required Course\*\***  
Recommended Grade Level: 9  
Credit: 1 credit

The objective of this course will be to acquaint students with various types of literature, improve written and oral communication skills, and develop vocabulary proficiency. The class will study short stories, poetry, dramas, novels, and nonfiction writing. Students will work on improving written and oral communication skills. Students will be required to write a variety of essays both in and out of class. Students will develop an expanded vocabulary, and grammar will be reinforced through writing. (Students may be required to purchase selected novels.)

### ENGLISH II (EN201A/EN201B)

College Prep/NCAA approved  
SCED Code: 01002A00  
Length of Course: 1 year  
Prerequisite: Successful completion of English I

**\*\*Required Course\*\***  
Recommended Grade Level: 10  
Credit: 1 credit

The objectives of this course are to continue studying various literary styles and types, improve written and oral communication skills, and develop critical thinking and reading strategies. Students will study a variety of short stories, novels, dramas, and poetry. Students will work on different types of writing. Students will develop an expanded vocabulary, and grammar will be reinforced through writing. (Students may be required to purchase selected novels.)

### ENGLISH III: American Literature (EN301A/EN301B)

College Prep/NCAA approved  
SCED Code: 01003A000  
Length of Course: 1 year  
Prerequisite: Successful completion of English II

**\*\*Required Course\*\***  
Recommended Grade Level: 11  
Credit: 1 credit

The objective of this course is to continue studying various literary styles and types, improve written and oral communication skills, and develop critical thinking and reading strategies. Independent reading will be required. Students will work on academic writing both in and out of class. Students will develop an expanded vocabulary, and grammar will be reinforced through writing. SAT preparation will be an element of this class. (Students may be required to purchase selected novels.)

## **ENGLISH IV: British & World Literature (EN401A/EN401B)**

College Prep/NCAA approved

SCED Code: 01004A000

Length of Course: 1 year

Prerequisite: Successful completion of English III

**\*\*Required unless English elective is taken\***

Recommended Grade Level: 12

Credit: 1 credit

The objective of this course is to continue studying various literary styles and types, improve written and oral communication skills, and develop critical thinking and reading strategies. The materials chosen for this class, whether reading or writing based, are intended to be useful to students who chose either academic or vocational life tracks. Independent reading and academic writing will still be a component. Students will continue to develop an expanded vocabulary, and grammar will be reinforced through writing. A research essay will be required. (Students may be required to purchase selected novels.)

## **COMPOSITION I (EN402A)**

*(Dual Credit with LLCC—EGL 101)*

SCED Code: 01103A000

Length of Course: 1 semester

Recommended Grade Level: 12

Credit: 0.5 credit

Prerequisite: Successful completion of English III. In order to earn Dual Credit, students must have at least a 2.700 GPA or must score a 18 or higher on the ACT Reading, or score a 477+ on the SAT in English and Reading or score high enough on the LLCC placement tests as well as earn a minimum score of 230+ on the Spring MAP test of their Junior year in Reading and Language Usage.

The first course in a two-semester sequence of English composition, this course introduces students to academic writing as a process of developing and supporting a thesis in an organized essay. Course topics include methods of invention, development, and organization; the elements of style, including the conventions of standard written English; and an introduction to research and documentation. Students write expository and argumentative essays based on analytical reading and critical thinking. Students demonstrate an understanding of citation methodology and an ability to use one or more citation styles appropriate to the genre and audience.

## **COMPOSITION II (EN402B)**

*(Dual Credit with LLCC—EGL 102)*

SCED Code: 01103A000

Length of Course: 1 semester

Recommended Grade Level: 12

Credit: 0.5 credit

Prerequisite: Successful completion of Composition I with a minimum grade of C

This course is designed to enhance and deepen the critical skills of argumentation and academic writing introduced in EGL 101. Students continue to write essays that demonstrate their ability to analyze and evaluate the ideas of others and integrate them into their own writing. The course reinforces student experience with the conventions of standard written English and the conventions of documentation while developing student ability to conduct research and present research within academic discourse communities. Students learn to join one of the many conversations that exists within that specific community in an ethical, accurate and critical manner.

### **DRAMATIC LITERATURE (EN303A/EN403B)**

College Prep/NCAA approved

SCED Code: 01065A000

Length of Course: 1 Semester

Prerequisite: Successful Completion of English II

Recommended Grade Level: 11, 12

Credit: 0.5 credit

This English course is a survey of dramatic literature. Students will read and discuss classic plays as well as view and analyze filmed performances of those plays. Emphasis will be placed on theme, recurring images, character motivation, relationships, and theatrical conventions. Through examining plays, students will gain insight into and an appreciation of drama as literature. Drama projects, including acting and directing, will also be required.

*\*This class is normally paired with Literature and the American Dream*

### **LITERATURE, FILM, AND THE AMERICAN DREAM (EN303B)**

SCED Code: 01065A000

Length of Course: 1 Semester

Prerequisite: Successful Completion of English II

Recommended grade Level: 11, 12

Credit: 0.5 credit

This course is theme driven. Students examine various types of American literature and film—novels, plays, short stories, poetry, etc. Appropriate background lectures accompany each unit. The class calls for informed discussions of the required material in which students analyze various approaches to the American Dream concept. Students also contribute to the class by sharing their personal reading experiences, insights, and reader responses to the written word and film. Essays, outside reading, and oral presentations are required.

*\*This class is normally paired with Dramatic Literature*

### **PUBLIC SPEAKING (CO101A)**

SCED Code: 01151A000

Length of Course: 1 Semester

Prerequisite: Interest in public speaking and communicating effectively.

Recommended Grade Level: 10, 11, 12

Credit: 0.5 credit

This engaging class will focus on how to communicate effectively. Being able to communicate well is key for success whether it be in school, in the workplace, or in daily life. Students will give formal and informal speeches as well as engage in role plays and debates. Some of the speeches include a Demonstration, a Campaign speech, a Song as a Dramatic Monologue, Impromptu, and a Sales Pitch, just to name a few. Students will learn to organize their ideas in order to deliver their message in the most efficient way. In addition, speech is required in college, so this course will allow college bound students to get prepared.

*\*This class is normally paired with Creative Media*

### **CREATIVE MEDIA (CO102B)**

SCED Code: 01155A000

Length of Course: 1 Semester

Prerequisite: Successful Completion of Public Speaking

Recommended Grade Level: 10, 11, 12

Credit: 0.5 credit

There are many mediums in which our students are creating within our schools from announcements, to Google Slides, and creating video on school issues, etc. This will be a hands-on class. Visual communication is critical in our world today. This class will expose students to a variety of mediums to prepare them for today's world of media.

*\*This class is normally paired with Public Speaking*

**INTRO TO LITERATURE: COLLEGE LITERATURE (EN403A)**

*(Dual Credit with LLCC—EGL 109: INTRO TO LITERATURE: MULTI. GENRE)*

SCED Code:01061A000

Recommended grade Level: 11 or 12

Length of Course: 1 Semester

Credit: 0.5 credit

Prerequisite: Concurrent and/or Successful Completion of English III

This course introduces students to multiple genres of literature-short stories, novels, poetry and drama. Students develop an understanding of such varied but fundamental aspects of literature as theme, character, imagery, symbol, tone, meter and point of view. Students are taught to analyze and appreciate the expressions of human experience in the full range of imaginative literature. Students will have to buy an anthology of their own for this course.

*\*This class is normally paired with Dramatic Literature*

## **FAMILY & CONSUMER SCIENCES**

### **INTRODUCTION TO FAMILY AND CONSUMER SCIENCE (FCS) (FC101A/FC101B)**

SCED Code: 19251A001 (CTE Course)

Recommended Grade Level: 9

Length of Course: 1 year

Credit: 1 credit

Prerequisite: none

Introduction to Family and Consumer Science is a course designed to introduce students to all areas of family and consumer sciences and serve as a background for all. This composite course is designed to present basic subject matter in six areas:

1. Self and character development
2. Interpersonal and family relationships
3. Personal finance
4. Foods and nutrition
5. Clothing and textiles
6. Housing and the environment

### **FOODS AND NUTRITION (FC302A)**

SCED Code: 19253A001 (CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 semester

Credit: 0.5 credit

Prerequisite: Introduction to FCS

This course includes basic classroom and laboratory experiments needed to develop knowledge and understanding of basic food principles and applied nutrition for people of all ages. The course content centers around the following duty areas: promoting food service preparation management using the decision-making process, meeting basic needs by applying nutrition concepts, meeting health and safety needs by planning, preparing and serving food, maximizing sources when planning/preparing/serving food, promoting hospitality in food practices, and analyzing individual and family nutritional needs in relation to change. Information related to careers in foods and nutrition is incorporated throughout the course.

*\*This class is normally paired with Baking and Pastry Arts*

### **BAKING AND PASTRY ARTS (FC302B)**

SCED Code: 19254A001(CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 semester

Credit: 0.5 credit

Prerequisite: Introduction to FCS

This will be a specialty course that provides a food industry focus while exploring the world of baking. Course topics include: baking techniques, food industry equipment, yeast bread and rolls, quick breads, cookies, pies, specialty desserts, cakes and cake decorating. This course will emphasize particular skills in taste, originality, and creativity. Use of appropriate equipment, kitchen sanitation and rules for kitchen safety be a focus.

*\*This class is normally paired with Food and Nutrition*

**CHILD DEVELOPMENT/PARENTING I (FC202A)**

SCED Code: 19052A001(CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 semester

Credit: 0.5 credit

Prerequisite: Introduction to FCS

This course emphasizes learning experiences that help students gain knowledge and understanding of family planning, pregnancy, and the development of infants. The course applies decision-making and goal-setting skills; promotes child development by applying physical, social, intellectual, and emotional principles; practices health and safety standards for children; provides experiences which encourage children to maximize resources; encourages human relations skills to children; and evaluates family career changes in relation to impact on children. Information related to careers in child care is incorporated throughout the course.

*\*This class is normally paired with Child Development II*

**CHILD DEVELOPMENT/PARENTING II (FC202B)**

SCED Code: 19052A001 (CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 semester

Credit: 0.5 credit

Prerequisite: Introduction to FCS

This course emphasizes learning experiences that help students gain knowledge and understanding of child development and caring for children after the first year of life through adolescents.. The course applies decision-making and goal-setting skills; promotes child development by applying physical, social, intellectual, and emotional principles; practices health and safety standards for children; provides experiences which encourage children to maximize resources; encourages human relations skills to children; and evaluates family career changes in relation to impact on children. Information related to careers in child care is incorporated throughout the course.

*\*This class is normally paired with Child Development I*

**HOME AND INTERIOR DESIGN (FC203A)**

SCED Code: 05193A001 (CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 semester

Credit: 0.5 credit

Prerequisite: Introduction to FCS

This project based course will provide students with basic knowledge and skills needed to select, maintain and manage living environments that meet the needs of the occupants. Course topics will include locating and managing housing using goal-setting and decision-making skills, evaluating living space to meet needs, elements and principles of design and color schemes. Projects will include hands-on experience with creating interior design displays and plans.

*\*This class is normally paired with Fashion and Clothing Construction*

**FASHION AND CLOTHING CONSTRUCTION (FC203B)**

SCED Code: 19203A001 (CTE Course)

Recommended Grade Level: 10, 11, 12

Length of Course: 1 semester

Credit: 0.5 credit

Prerequisite: Introduction to FCS

This project based course will provide students opportunities to develop knowledge and understanding of textile, fashions and fabrics to assist them in meeting the clothing and fabric product needs of themselves, families, or the general public. Course content will explore fashion history, the impact of clothing on our environment, and maximizing resources in selecting, constructing, altering, repairing, and remodeling clothing/textile products. Sewing machines will be used in this course.

*\*This class is normally paired with Home and Interior Design*

## **FOREIGN LANGUAGE**

### **SPANISH I (SP101A/SP101B)**

College Prep/NCAA approved

SCED Code: 24052A000

Length of Course: 1 year

Prerequisite: Working knowledge of English

Recommended Grade Level: 9, 10, 11

Credit: 1 credit

Spanish I will introduce students to the Spanish language through listening, speaking, reading, and writing. Students will learn basic phrases, sentence structure, and conversation skills in the target language. Students will become familiar with the cultures and customs of Spanish speaking countries. This course is conducted primarily in the target language, and is meant for beginners.

### **SPANISH II (SP201A/SP202B)**

College Prep/NCAA approved

SCED Code: 24053A000

Length of Course: 1 year

Prerequisite: Successful completion of Spanish I or teacher approval

Recommended Grade Level: 10, 11, 12

Credit: 1 credit

Spanish II continues instruction in listening, speaking, reading, and writing in the target language. This study includes required speaking in Spanish, more complex verb tenses, and reading and writing activities. The study of culture and customs of Spanish speaking countries is continued. This course is taught primarily in the target language.

### **SPANISH III (SP301A/SP301B)**

College Prep/NCAA approved

*(Dual Credit with LLCC—SPA 101/SPA102)*

SCED Code: 24054A000

Length of Course: 1 year

Prerequisite: Successful completion of Spanish II with an average grade of C or better or approval of the teacher.

Recommended Grade Level: 11, 12

Credit: 1 credit

In the Spanish III course, the four skills of reading, writing, listening and speaking in the target language are emphasized. The customs, culture, art, and literature of Spanish speaking countries are studied.

### **SPANISH IV (SP401A/SP401B)**

College Prep/NCAA approved

*(Dual Credit with LLCC—SPA201/SPA202)*

SCED Code: 24055A000

Length of Course: 1 year

Prerequisite: Successful completion of Spanish III with at least a C average or approval of the teacher

Recommended Grade Level: 12

Credit: 1 credit

In the Spanish IV course, the four skills of reading, writing, listening and speaking in the target language are emphasized. The customs, culture, art, and literature of Spanish speaking countries are studied.



## **Edgenuity (Online) Foreign Languages**

\*All online foreign language courses will incur a student fee of \$500

### **GERMAN I (OFL101)**

SCED Code: 24252A000

Length of Course: 1 year

Prerequisite: Working knowledge of English

Recommended Grade Level: 9, 10, 11, 12

Credit: 1 credit

High school students begin their introduction to German with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering major German-speaking areas in Europe.

### **GERMAN II (OFL201)**

SCED Code: 24253A000

Length of Course: 1 year

Prerequisite: Successful completion of German I

Recommended Grade Level: 10, 11, 12

Credit: 1 credit

Students continue their introduction to high school German in this second-year course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering major German-speaking areas in Europe.

### **LATIN I (OFL102)**

SCED Code: 24342A000

Length of Course: 1 year

Prerequisite: Working knowledge of English

Recommended Grade Level: 9, 10, 11, 12

Credit: 1 credit

High school students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments

### **LATIN II (OFL202)**

SCED Code: 24343A000

Length of Course: 1 year

Prerequisite: Successful completion of Latin I

Recommended Grade Level: 10, 11, 12

Credit: 1 credit

Students continue their introduction to high school Latin by continuing to cover the fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, a notable ancient myth in Latin, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.

**FRENCH I (OFL103)**

SCED Code: 24102A000

Length of Course: 1 year

Prerequisite: Working knowledge of English

Recommended Grade Level: 9, 10, 11, 12

Credit: 1 credit

Students in high school begin their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and across the globe.

**FRENCH II (OFL203)**

SCED Code: 24103A000

Length of Course: 1 year

Prerequisite: Successful completion of French I

Recommended Grade Level: 10, 11, 12

Credit: 1 credit

Students continue their introduction to French in this second year, high school language course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major French speaking areas across the globe, and assessments.

**FRENCH III (OFL303)**

SCED Code: 24104A000

Length of Course: 1 year

Prerequisite: Successful completion of French I, and II

Recommended Grade Level: 11, 12

Credit: 1 credit

In this expanding engagement with French, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, Edgenuity Course Catalog PAGE 22 World Language Courses reading, and writing. In addition, students read significant works of literature in French and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and the Americas.

**CHINESE I (OFL104)**

SCED Code: 24402A000

Length of Course: 1 year

Prerequisite: Working knowledge of English

Recommended Grade Level: 9, 10, 11, 12

Credit: 1 credit

High school students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries

**CHINESE II (OFL204)**

SCED Code: 24403A000

Length of Course: 1 year

Prerequisite: Successful completion of Chinese I

Recommended Grade Level: 10, 11, 12

Credit: 1 credit

Students in high school continue their introduction to Chinese in this second-year course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries.

## **MATHEMATICS**

### **Class of 2027 and Later**

Suggested Four Year Course Plans:

<b>Year</b>	<b>Option 1 Traditional College Bound</b>	<b>Option 2 Accelerated College Bound</b>	<b>Option 3 Workforce/Career</b>
<b>8th Grade</b>		Algebra 1	
<b>Freshman</b>	Algebra 1	Geometry	Algebra 1
<b>Sophomore</b>	Geometry	Algebra 2	Geometry
<b>Junior</b>	Algebra 2	Pre-Calculus	Algebra 2
<b>Senior</b>	Pre-Calculus	Calculus	Transitional Math

#### **ALGEBRA 1 (MA111A/MA111B)**

College Prep/NCAA Approved  
SCED Code: 02052A000  
Length of Course: 1 year  
Prerequisite: None

**\*\*Required Course\*\***  
Recommended Grade Level: 9  
Credit: 1 credit

Algebra 1 is a one year course of elementary algebra and prepares students for Geometry. Topics covered include the following: Solving Equations and Inequalities, Linear Functions, Linear Models, Systems of Linear Equations and Inequalities, Introduction to Nonlinear Functions, Exponents and Exponential Functions, Polynomials and Factoring, Quadratic Functions, Solving Quadratic Equations, Radical Functions, and Statistics.

#### **Geometry (MA211A/MA211B)**

College Prep/NCAA Approved  
SCED Code: 02072A000  
Length of Course: 1 year  
Prerequisite: Algebra I

**\*\*Required Course\*\***  
Recommended Grade Level: 10  
Credit: 1 credit

Geometry is a one year course. It prepares students for Algebra 2. Topics covered include the following: Foundations of Geometry, Parallel and Perpendicular Lines, Transformations, Triangle Congruence, Relationships in Triangles, Quadrilaterals and Other Polygons, Similarity, Right Triangles and Trigonometry, Coordinate Geometry, Circles, Two- and Three- Dimensional Models, and Probability.

#### **Algebra 2 (MA321A/MA321B)**

College Prep/NCAA Approved  
SCED Code: 02056A000  
Length of Course: 1 year  
Prerequisite: Geometry

**\*\*Required Course\*\***  
Recommended Grade Level: 11  
Credit: 1 credit

Algebra 2 is a one year course. It prepares students for Pre-Calculus. Topics covered include the following: Linear Functions and Systems, Quadratic Functions and Equations, Polynomial Functions, Rational Functions, Rational Exponents and Radical Functions, Exponential and Logarithmic Functions, Trigonometric Functions, Trigonometric Equations and Identities, Conic Sections, Matrices. Data Analysis and Statistics, and Probability.

**PRE-CALCULUS (MA412A/MA412B)**

College Prep/NCAA approved

SCED Code: 02110A000

Length of Course: 1 year

Prerequisite: Successful completion of Math 3

Recommended Grade Level: 12

Credit: 1 credit

Students will continue the work with the functions from Algebra 1, Geometry, and Algebra 2. This course will include features of polynomial, rational, and logarithmic equations. It will also include the study of trigonometric functions, identities, and trigonometry in non-right triangles and circles.

**CALCULUS (MA421A/MA421B)**

College Prep/NCAA approved

SCED Code: 02121A000

Length of Course: 1 year

Prerequisite: Successful completion of Math 3 or Pre-calculus and teacher recommendation

Recommended Grade Level: 12

Credit: 1 credit

This course offers in-depth study of differentiation and integration. Other topics covered include limits, analytical geometry, vectors, and surfaces of rotation. Emphasis will be placed on the application of all topics. Graphing calculators are used extensively. It is strongly recommended that students purchase their own graphing calculator (TI-83, TI-84). Course is designed as a strong foundation to college Calculus, not as a replacement to college Calculus.

**High School Transitional Math 4 (STEM) (TM001A/TM001B)**

College Prep/NCAA Approved-?

SCED Code: 02055A001

Length of Course: 1 year

Prerequisite: Algebra 2

Recommended Grade Level: 12

Credit: 1 credit

The STEM Pathway is a one year course for students with career goals involving occupations that require the application of calculus or advanced algebraic skills. In accordance with and subject to the PWR Act, successful attainment of transitional mathematics competencies in the STEM Pathway guarantees student placement into a community college mathematics course in a calculus-based mathematics course sequence. Specifically, this will mean placement into College Algebra.

**High School Transitional Math 4 (Technical) (TM003A/TM003B)**

College Prep/NCAA Approved-?

SCED Code: 02153A001

Length of Course: 1 year

Prerequisite: Algebra 2

Recommended Grade Level: 12

Credit: 1 credit

The Technical Math Pathway is for students with career goals involving occupations in technical fields that do not require the application of calculus, advanced algebraic, or advanced statistical skills. The mathematics in this pathway emphasizes the application of mathematics within career settings. In accordance with and subject to the PWR Act, successful attainment of transitional mathematics competencies in the Technical Math Pathway guarantees student placement into a credit-bearing postsecondary mathematics course required for a community college career and technical education program.

## **MUSIC**

### **BAND (MU101A/MU101B)**

SCED Code: 05101A000

Recommended Grade Level: 9,10,11,12

Length of Course: 1 year

Credit: 1 credit

Prerequisite: Previous band experience and consent of the director.

This one-year course is designed for students who have achieved beyond the beginning/intermediate level on their instrument. This course may be repeated yearly for credit. Band includes guidance and direction in instrumental technique, music theory, evaluating pitch, evaluating tone, individual creativity [through performance and composition], and their application to various styles of music in group performance. Sustained effort and regular at-home practice are necessary for success. This course does require multiple after-school and weekend performances for a grade [full schedule available in May of preceding school year]. Students will also have opportunities for travel and special performances. Students who did not participate in band during the previous school year should contact the director before scheduling.

### **JAZZ BAND (MU201A/MU201B)**

SCED Code: 05105A000

Recommended Grade Level: 9,10,11,12

Length of Course: 1 year

Credit: 1 credit

Prerequisite: Previous band experience and consent of the director.

This course helps students develop their techniques for playing brass, woodwind, and percussion as well as guitars and keyboards, focusing primarily on contemporary stage band literature styles, such as traditional jazz, jazz improvisation, and rock. Students will also become well verse in general and advanced Music Theory and Aural Theory. Students who did not participate in band during the previous school year should contact the director before scheduling.

### **CHOIR (MU102A/MU102B)**

SCED Code: 05110A000

Recommended Grade Level: 9,10,11,12

Length of Course: 1 year

Credit: 1 credit

Prerequisite: None.

This one-year course is designed for students who wish to learn/further their knowledge and ability to sing. This course may be repeated yearly for credit. Choir includes instruction and coaching in vocal technique, music theory, evaluating pitch, and their application to various styles in a group choral setting. Students will also have the opportunity to engage their creativity through performance and composition. This course does require multiple after-school and some weekend performances for a grade [full schedule available in May of preceding school year]. Students will also have opportunities for travel and special performances.

### **MUSIC THEORY I (MU301A)**

SCED Code: 05113A000

Recommended Grade Level: 10,11,12

Length of Course: 1 Semester

Credit: 0.5 credit

Prerequisite: None.

The first semester will cover the very basics of music theory from reading notes, building scales and chords, and some basic analysis of music.

*\*This class normally pairs with Music Theory II*

**MUSIC THEORY II (MU301B)**

SCED Code: 05113A000

Length of Course: 1 semester

Prerequisite: Successful completion of Music Theory I

Recommended Grade Level: 10,11,12

Credit: 0.5 credit

The second semester will continue on to more advanced theory. It will cover a more in depth analysis of music along with composition of melody and harmony. Students must complete the first semester to be eligible for the second.

*\*This class normally pairs with Music Theory I*

## **PHYSICAL, HEALTH & SAFETY EDUCATION**

### **PHYSICAL EDUCATION (PE101A/PE101B)**

**\*\*Required Course\*\***

SCED Code: 08001A000

Length of Course: 1 year

Prerequisite: None

Recommended Grade Level: 9, 10, 11, 12

Credit: 1 credit

Emphasis is placed on team and individual sports and physical fitness. Fitness testing, written tests, and participation determine grades. 4 years of Physical Education is required for graduation, unless a waiver is granted.

### **ATHLETIC PHYSICAL EDUCATION I (PE201A/PE201B; PE202A/PE202B)**

SCED Code: 08009A000

Length of Course: 1 year

Prerequisite: None

Recommended Grade Level: 10, 11, 12

Credit: 1 credit

This course is designed to enhance the strength and performance of students along with developing knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning, they may include other components such as anatomy and conditioning.

*\*Students are unable to take this course alongside Driver's Education.*

### **ATHLETIC PHYSICAL EDUCATION II (PE301A/PE301B)**

SCED Code: 08009A000

Length of Course: 1 year

Prerequisite: Athletic PE I, Teacher approved

Recommended Grade Level: 11, 12

Credit: 1 credit

This course is designed to enhance the strength and performance of students along with developing knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning. Athletic PE II will take a more in depth look at speed, agility, plyometric, and conditioning. This includes sprint, jump, and aerobic capacity training for more advanced level student-athletes.

### **ADAPTED PHYSICAL EDUCATION (XPE)**

SCED Code: 08007A000

Length of Course: 1 year

Prerequisite: Instructor Approval

Recommended Grade Level: 9, 10, 11, 12

Credit: 1 credit

This course provides physical education activities (sports, fitness, and conditioning) adapted for students with special needs.

### **HEALTH (PE121A/PE121B)**

**\*\*Required Course\*\***

SCED Code: 08051A000

Length of Course: 1 semester

Prerequisite: None

Recommended Grade Level: 9, 10

Credit: 0.5 credit

Health Education is a one semester REQUIRED course covering mental health and abnormalities, alcohol and drug use and misuse, sex education, dietary habits, ecology, and safety.



### **First Year Experience (PE115A/PE115B)**

~~(Dual Credit with LLCC—FYE 101)~~

SCED Code: 22003A000

Recommended Grade Level: 9, 10

Length of Course: 1 quarter

Credit: 0.250 credit

Prerequisite: None

The first-year experience course helps students successfully transition to college. Students experience, discuss, write about and apply knowledge, skills, behaviors, strategies and mindsets that help them succeed in college. This course empowers students to develop inner qualities that assist in making wise decisions, which result in the outcomes and experiences they desire. Students learn how to think critically about and prepare for their academic and career pathways.

*\*This course is paired with Drivers Education.*

### **DRIVER EDUCATION (PE111A/PE111B)**

**\*\*Required Course\*\***

SCED Code: 08152A000

Recommended Grade Level: 9, 10

Length of Course: 1 quarter

Credit: 0.250 credit

Prerequisite: Must have passed eight 1/2 credit courses in the previous two semesters.

Classroom Drivers Ed Semester 1: student must be 15 years old by November 30

Classroom Drivers Ed Semester 2: student must be 15 years old by May 30

The purpose of this course is to provide the information required by law to qualify for a driver's license. The subject areas include driving tasks, interacting with traffic, driving in different environments and conditions, and your responsibilities as a driver.

*\*This course is paired with First Year Experience(PE115).*

The State of Illinois requires 30 hours of classroom instruction which consists of the traffic laws, safe driving procedures, alcohol and drug usage, motorcycle operation, insurance, and the highway transportation system, among other topics. Students must achieve 70% to pass this portion of the course. To comply with the 30-hour State of Illinois requirement, the NBHS attendance policy for the classroom portion of driver education requires that student absences are limited to 4 classes. Absences 1 and 2 meet the mandated 30-hour minimum. Absences 3 and 4 must be made up so that the student may meet the 30-hour requirement. If a student is absent for more than 4 days for any reason, excused or unexcused, the student will be dropped from the class, and required to re-enroll during another semester at the financial responsibility of the parent/guardian.

## SCIENCE

\*All students must have 3 science credits to graduate.

\*\*Additional Science coursework is strongly advised for elective choices, particularly if occupations in the Health Sciences are of interest.

Suggested Four Year Course Plans: \* = Recommended

Year	Option 1 Technical Track	Option 2 Traditional College Bound	Option 3 Accelerated College Bound	Option 4 Accelerated Medical Bound
<b>Freshman</b>	Integrated Physical Science	Integrated Physical Science	Integrated Physical Science	Integrated Physical Science
<b>Sophomore</b>	Integrated Biology	Integrated Biology	Integrated Biology	Integrated Biology
<b>Junior</b>	Biology II or Chemistry or Environmental Science or Forensic Science	Biology II or Chemistry or Environmental Science or Forensic Science	Biology II, Anatomy & Physiology, Physics, Chemistry I	*Chemistry, *Anatomy & Physiology, *Physics, and Biology II
<b>Senior</b>	Biology II or Chemistry or Environmental Science or Forensic Science	Biology II or Chemistry or Environmental Science or Forensic Science	Biology II, Anatomy & Physiology, Physics, Chemistry I	*Chemistry, *Anatomy & Physiology, *Physics, and Biology II, Forensic Science

### INTEGRATED PHYSICAL SCIENCE (SC101A/SC101B)

College Prep/NCAA approved

SCED Code: 03159A000

Length of Course: One Year

Prerequisite: None

\*\*Required Course\*\*

Recommended Grade Level: 9

Credit: 1 credit

This course is required for all freshmen. This course deals with major topics of chemistry, physics, and Earth science. Topics covered include structure and properties of matter, forces and interactions, energy, wave properties, Earth and the Solar system, plate tectonics, role of water in Earth's surface processes, natural resources, and defining and delimiting engineering problems.

### INTEGRATED BIOLOGY (SC201A/SC201B)

College Prep/NCAA approved

SCED Code: 03051A000

Length of Course: 1 year

Prerequisite: Integrated Physical Science

\*\*Required Course\*\*

Recommended Grade Level: 10

Credit: 1 credit

This course is required for all sophomores and through discussion and group investigations focuses on cellular function including topics of homeostasis, cell transport, cellular respiration, photosynthesis, meiosis, mitosis and the chemistry of life. The principles of evolution will be discussed along with genetics and gene expression. Ecological relationships will also be stressed during the study of populations, ecosystems, biological communities, and the environment. This class has microscope work and laboratories.

## **BIOLOGY II (SC311A/SC311B)**

College Prep/NCAA approved

SCED Code: 03052A000

Length of course: 1 Year

Prerequisite \*Completion of Integrated Physical Science and Integrated Biology

Recommended Grade Level: 11, 12

Credit: 1 credit

Basic knowledge of microscopy and general biology is required. This course includes botany, zoology, and microbiology. Botany is designed to show the evolution of plant life on Earth and the modern plant's physical structure and ecological impact. Microbiology includes the study of bacteria, viruses, and protists. Zoology will cover an introduction to animals and a comprehensive study of major invertebrate and vertebrate animal phyla as they developed evolutionarily. Several dissections, including the fetal pig are required.

## **ANATOMY AND PHYSIOLOGY (SC331A/SC331B)**

College Prep/NCAA approved

SCED Code: 03053A000

Length of Course: 1 year

Prerequisite: \*Completion of Integrated Physical Science and Integrated Biology with a B or better and qualifying test scores.

Recommended Grade Level: 11, 12

Credit: 1 credit

A detailed study of the human body, this course is designed to study 11 systems of the body and their structure, position, function, and relationship to the other systems. Wellness and illness of the lifespan will be discussed in detail for each organ system including genetic and bacterial diseases, and cell dysfunction. This course includes laboratory experiments and dissections, including a required cat dissection. This course is designed for **those students who plan to attend college**, whether to pursue a career in a science related field or medical field.

## **CHEMISTRY (SC301A/SC301B)**

College Prep/NCAA approved

SCED Code: 03101A000

Length of Course: 1 year

Prerequisite: Completion of Integrated Physical Science and Integrated Biology with a B or better and qualifying test scores

Recommended Grade Level: 11, 12

Credit: 1 credit

Chemistry is the study of the composition, structure, and properties of matter and the changes that matter undergoes. Areas of study include SI measurement; scientific inquiry; scientific method and laboratory skills; atomic structure; elements; compounds; covalent; ionic, and metallic bonds; molecular geometry; conversion of mass and energy; formula equations; stoichiometry, and the gas laws. This course is designed for **those students who plan to attend college**.

## **CHEMISTRY II (SC401A/SC401B)**

College Prep/NCAA approved

SCED Code: 03102A000

Length of Course: 1 year

Prerequisite: Grade of B or better in Chemistry, and qualifying test scores

Recommended Grade Level: 12

Credit: 1 credit

Topics of study will include solutions, ions in aqueous solutions and colligative properties, acids and bases, Acid-base titrations, organic chemistry, and biological chemistry. Topics from Chemistry I will be reviewed. Laboratory experiments will supplement topics covered in class. This course is designed for **those students who plan to attend college** to pursue a career in a science related field.

## **ENVIRONMENTAL SCIENCE**

College Prep/NCAA approval

SCED Code:03003A000

Length of Cours: 1 year

Prerequisite: Completion of Integrated Physical Science and Integrated Biology

Recommended Grade Level: 11, 12

Credit: 1 credit

Environmental Science is the study of the interactions between earth's natural systems and the demands placed on them by the human population. This course will include elements of life science, physical science, and social science and focus on relevant current events. Concepts will be explored through inquiry based laboratory exercises,

## **FORENSIC SCIENCE (SC321A/SC321B)**

College Prep/NCAA approval

SCED Code:15055A000

Length of Course: 1 year

Prerequisite: Completion of Integrated Physical Science and Integrated Biology with a C or better and qualifying test scores

Recommended Grade Level: 11, 12

Credit: 1 credit

Forensics is the study and application of science that involves collection, examination, evaluation, and interpretation of evidence. This course will teach students will learn about the techniques that forensic technicians use to collect evidence. The students will then look a the different types of collected evidence in the form of hairs, fibers, fingers, blood, DNA fingerprinting, toxicology, document analysis, and ballistics. Students will be looking at the process of death and decomposition. This course will include a lot of laboratory experiments to model the concepts discussed in the course.

## **PHYSICS (SC341A/SC341B)**

College Prep/NCAA approved

SCED Code: 03151A000

Length of Course: 1 year

Prerequisite: Grade of B or better in Math II or Math III and Integrated Physical Science, and qualifying test scores

Recommended Grade Level: 11, 12

Credit: 1 credit

Physics is the study of matter and energy and their relationship. The topics covered are SI measurements, motion, forces, gravity, momentum, energy, work, and temperature. Laboratory experiments will be performed to supplement the topics covered in class. This course is designed for **those students who plan to attend college.**

## **SOCIAL STUDIES DEPARTMENT**

Suggested Four Year Course Plans:

<b>Year</b>	<b>Class</b>
<b>Freshman</b>	World Studies
<b>Sophomore</b>	Early United States History and Government
<b>Junior</b>	Modern United States History <i>*consider Introduction to Psychology or Sociology (as elective)</i>
<b>Senior</b>	Introduction to Psychology and/or Sociology

\*Additional Social Studies coursework is strongly advised for elective choices

### **WORLD STUDIES (SS101A/SS101B)**

**\*\*Required Course\*\***

SCED Code: 04053A000

Recommended Grade Level: 9

Length of Course: 1 Year

Credit: 1 credit

Prerequisite: None

The course covers major events in world history, including the development and influence of human geographic relationships, political and social structures, economics, science and technology, and the arts. Students investigate major religions and belief systems throughout history and learn about the importance of trade and cultural exchange. Other topics include the development of agriculture, the spread of democracy, the rise of nation states, the industrial era, the spread of imperialism, and the issues and conflicts of the twentieth century. The objective of this course is to increase student awareness of changing cultural and physical environments; know the past through the incorporation of literacy skills and higher order and critical thinking activities; and act in ways that promote the common good.

### **EARLY UNITED STATES HISTORY AND GOVERNMENT (SS203A/SS203B)**

**\*\*Required Course\*\***

SCED Code: 04102A000

Recommended Grade Level: 10

Length of Course: 1 Year

Credit: 1 credit

Prerequisite: None

This course begins by examining the historical basis of the U.S. Government, examination of the three branches of government, and a study of state governments. The course will also suggest to the student the importance of the individual in shaping government policy. The United States and Illinois Constitutions tests will be given and must be passed to meet graduation requirements. The course will continue by examining the events, trends, individuals, and movements that shaped the history of the United States from its founding to WWII. The objective of this course is to increase student awareness of changing cultural and physical environments; know the past through the incorporation of literacy skills and higher order and critical thinking activities; and act in ways that promote the common good.

## **MODERN UNITED STATES HISTORY (SS302A/SS302B)**

**\*\*Required Course\*\***

SCED Code: 04103A000

Length of Course: 1 Year

Prerequisite: None

Recommended Grade Level: 11

Credit: 1 credit

This course reviews American history from WWII to recent events. The course covers; issues of immigration and urban life; and the hopes, demands, and challenges African Americans and women faced as they sought equality. Other topics include: the American Dream; the Civil Rights movement; Vietnam; Watergate; Reaganomics; immigration trends; the Clinton years; and the new millennium. The objective of this course is to increase student awareness of changing cultural and physical environments; know the past through the incorporation of literacy skills and higher order and critical thinking activities; and act in ways that promote the common good.

## **INTRODUCTION TO PSYCHOLOGY (SS211A/SS211B)**

College Prep/NCAA approved

SCED Code: ~~04255A000~~ 04254A000

Length of Course: 1 Year

Prerequisite: None

Recommended Grade Level: 11, 12

Credit: 1 credit

The objective of this course is to introduce students to the systematic study of mental processes and human behavior. The course will focus on the effects of mental processes on observable behavior. Students will explore various aspects of psychology, including major psychological theories and theorists, the anatomy of the brain, consciousness, perception, psychological disorders, and developmental psychology.

## **SOCIOLOGY (SS321A/SS321B)**

College Prep/NCAA approved

SCED Code: 04258A000

Length of Course: 1 year

Prerequisite: None

Recommended Grade Level: 11, 12

Credit: 1 credit

This course is designed to introduce students to the systematic study of social behavior and human groups. The class will focus on the influences of social relationships in people's attitudes and behaviors. Students will study basic theories and perspectives used in sociology, key sociological concepts, social hierarchies, and social institutions such as marriage, religion, education, and government. The class will then apply what they have learned to better understand the impact of issues on today's society and individuals.

**\*This class is typically paired with First Year Experience(FYE01)**

## **Miscellaneous Course Offerings**

### **ADVANCED PLACEMENT COURSES (On-Line)**

Recommended Grade Level: 11, 12

Prerequisite: Dependent upon courses selected

Length of Course: 1 Year

NBHS offers a variety of on-line Advanced Placement Courses through Illinois State Board of Education-Illinois Virtual Course Catalog and Imagine Edgenuity. We are an approved AP National Testing Site, so students that complete an AP Course can take the AP Placement Exam on the National Testing Day set by the College Board and receive college credit if they meet the assessment score needed to qualify to earn the college credit in the course. For a listing of the courses available through Edgenuity, click [HERE](#) and look at page 2. Students that take an AP course through Edgenuity will not be charged a course fee, as we have a subscription/license for Edgenuity.

For a listing of the courses available through ISBE-Illinois Virtual Course Catalog, click [HERE](#) and find select AP course type. Students that take the AP course through ISBE-Illinois Virtual Course Catalog will be charged the course fee as assessed by ISBE-Illinois Virtual Course Catalog.

### **CAPITAL AREA CAREER CENTER (CACC)**

Recommended Grade Level: 11, 12

Prerequisite: Dependent on program, Junior standing

Length of Course: 1 or 2 years

Various vocational courses are offered to New Berlin High School through the Capital Area Career Center. The district provides transportation to afternoon vocational programs. Applications are available from the Director of Student Services and are due in February of the year prior to the year the student plans to attend. Students must apply and be approved for enrollment by the principal. A student must be registered as a full-time student at New Berlin High School to meet course registration requirements. Space and funding for these programs is limited, and the District 16 Board of Education reserves the right to deny acceptance.

<b>CACC Course</b>
<b>Arts and Communications</b>
Audio/Video Production I (CA316) Audio/Video Production II (CA416) Graphic Arts I (CA311) Graphic Arts II (CA411) Photography I (CA315) Photography II (CA415)
<b>Finance and Business Services</b>
Culinary Arts I (CA307) Culinary Arts II (CA407) Sangamon CEO (CEA A/CEO B) Social Media Marketing (CA323)
<b>Health Sciences and Technology</b>
Emergency Medical Technician (CA409)

Nursing Assistant (CA313) Medical Assistant (CA427)
<b>Human and Public Services</b>
Barbering (CA324) Early Childhood I (CA308) Early Childhood II (CA408) Cosmetology I (CA306) Cosmetology II (CA406) Fire Science (CA432) Law Enforcement I (CA312) Law Enforcement II (CA412)
<b>Information Technology</b>
IT Networking and Cybersecurity I (CA304) IT Networking and Cybersecurity II (CA404) IT Operations and Programming I (CA428) IT Operations and Programming II (CA429)
<b>Manufacturing, Engineering, Technology and Trades</b>
Automotive Technology and Servicing I (CA302) Automotive Technology and Servicing II (CA402) Building Trades I (CA303) Building Trades II (CA403) HVAC and Electrical System Technology I (CA322) HVAC and Electrical System Technology II (CA422) Electronic and Engineering I (CA430) Electronic and Engineering II (CA431) Welding I (CA317) Welding II (CA417) Engineering for High Tech (CA433)
<b>Workforce Development</b>
Work Based Learning (CA425) *Prerequisite-Student attendance must be 90% the prior school year in order to participate and students must maintain an attendance rate of 90% to continue in the program



## **CollegeNOW Spring PROGRAM**

Recommended Grade Level: 12

Prerequisite:

- meet all graduation requirements by end of first semester of senior year including 4 years of English credits
- **FYE101**

Length of Program: 1 semester (final semester of senior year)

CollegeNOW will provide a college level experience to high school seniors allowing them to earn dual credit through Lincoln Land Community College, and to develop the necessary readiness and skills for continued postsecondary academic success. Credit earned is posted as college credit on an official LLCC transcript. Courses offered in district high schools make college more accessible to area high school students. Students still participate in high school activities. Students are responsible for the college tuition, textbook rental, and other fees.

## **SANGAMON CEO (CREATING ENTREPRENEURIAL OPPORTUNITIES)**

Recommended Grade Level:12

*(Dual Credit-LLCC)*

Sangamon CEO is about Creating Entrepreneurial Opportunities (CEO). It is a year-long experience that aims to empower talented young adults to become innovator problem-solvers and enterprising, action-oriented entrepreneurs. Students visit area businesses, learn from experts, participate in a class business, write business plans, and start and operate their own business.

While emphasizing real-world learning over textbooks, the class is linked to Common Core and national entrepreneurship education standards. Students are selected for the class through a rigorous application process, including letters of recommendation and an entrepreneurial profile. Grades are not the defining admission standard.

The class meets for 1 ½ hours each school day from 7:30-9:00 am at a multitude of locations throughout the area. The program is open to all Sangamon County high school seniors in good standing that can provide their own transportation to our many class sites.

## **MC3 PROGRAM-BUILDING TRADES APPRENTICESHIP READINESS**

Recommended Grade Level: 11, 12

Prerequisite: None

SCED Code: 17048A000

Length of Course: 1 semester

Credit: .5 credit or 1 credit

*(Dual Credit-LLCC)*

The Building Trades ARP's is a standardized, comprehensive, 120- hour construction curriculum designed to help young people choose and succeed in an apprenticeship program. Students must apply to the program. IT is run through the Sangamon-Menard Regional Office of Education Multi-Craft Core Curriculum. The MC3 Curriculum consists of nine units:

1. Construction Industry Orientation
2. Tools and Materials
3. Construction Health and Safety
4. Blueprint Reading
5. Basic Math and Construction
6. Heritage of the American Worker
7. Diversity in the Construction Industry
8. Green Construction
9. Financial Literacy

The course will be taught by a c certified teacher who underwent the required training. **Students have to provide their own transportation since this is a zero hour class held on the LLCC Campus.**

## TEACHING ASSISTANT

Recommended Grade Level: 11, 12  
(Dual Credit-LLCC)

Length of Course: 1 semester or year  
Credit: .5 or 1 credit

Prerequisite: Cumulative Grade Point Average (GPA) is at least 2.5., Academic Eligibility, no attendance letters on file, and completion of essay prompt

The Teacher Assistant (TA) Program will focus on assisting teachers in a classroom by tutoring students and actively becoming a part of the educational process for one period per day. Student TA's work with teachers at New Berlin Jr./Sr.High School.

Students enrolled in the TA Program will have the opportunity to join in LLCC's Education Pathway program. All classes are offered online through LLCC with 2 on-site visits to campus. The on-site campus visits are usually held on Saturday mornings. All courses are free to high school students through the dual credit process. Students are responsible for the cost of the textbook(s). Students will be making a year long commitment to this program. Students must notify the Director of Student Services of their desire to be enrolled in LLCC's Education Pathway before May 1st.

Students may also work as a TA for New Berlin credit only. For students participating in this option, the course grades are recorded as Pass/Fail.

Juniors and Seniors	
Fall Semester (August-December)	Spring Semester (January-May)
EDU 201 (4 Credit Hours) Introduction to Teacher Education *The course includes 30 hours of field experience.	EDU 210 (3 Credit Hours) Instructional Technology

Seniors Only (If students have taken EDU 201 & 210)	
Fall Semester (August-December)	Spring Semester (January-May)
EDU 215 (3 Credit Hours) Students with Disabilities	EDU 220 (4 Credit Hours) Diversity of Schools and Society

## **Alternative Education Placements**

### **SASED CENTRAL (SASED)**

Recommended Grade level: 9, 10, 11, 12

Prerequisite: IEP/Referral Only

Length of Program: Varies

The SASED Central educational program consists of academic instruction appropriate to grade placement, academic achievement, and individual needs. High school students will receive instruction in required elective courses to meet the graduation requirements of the Illinois State Board of Education. Vocational opportunities and life skills classes are available for identified students. In all cases, instruction is individualized in consideration of the student's unique needs as documented in their Individual Educational Program (IEP).

### **SANGAMON COUNTY LEARNING ACADEMY (SCLA)**

Recommended Grade Level: 9,10,11,12

Prerequisite: Referral Only

Length of Program: Varies

The Sangamon County Learning Academy currently exists as an alternative placement for students who have exhausted the resources available at NBHS. SCLA has small class sizes which focus on cooperative and interactive learning strategies. SCLA serves truants, chronic truants, and dropouts. Referrals come from NBHS administrators. The program is designed so that students have the flexibility of either returning to NBHS at the end of a semester, enrolling in both Capital Area Career Center and SCLA and/or completing the alternative program at SCLA and graduating from their home school.

### **CROSSROADS PROGRAM**

Recommended Grade Level: 8,9,10,11,12

Prerequisite: Referral Only

Length of Program: Varies

This program is designed to provide an alternative setting for a very small percentage of students who have been expelled, chronically disruptive or suspended multiple times. The program is flexible in order to meet the needs of individual students and districts. The academic component of the curriculum is a self-paced computer based program. The teacher student ratio is kept low in order to enhance the success of the students. All teachers are trained in Aggression Replacement Training to enable them to best meet the behavioral needs of the students.

*For additional information about these programs, contact the Director of Student Services at NBHS:*

*Joe Viola  
Fax: 217-488-3207*

*Phone: 217-488-6012, ext. 1110  
E-mail: [jviola@pretzelpride.com](mailto:jviola@pretzelpride.com)*