

Corunna High School 2024-2025

Career Pathways Course Guide

CORUNNA HIGH SCHOOL

(989) 743-3441



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CORUNNA HIGH SCHOOL
Information & Registration for 2024-2025

GRADUATION REQUIREMENTS	
TOTAL CREDITS BY SUBJECT AREA	TOTAL CREDITS=26
English (English I, II, III & a fourth English)	4
Math (algebra I, geometry, algebra II (or Const Trades I & II), & personal finance) (must take a math-related class in Senior year)	4
Science (biology OR zoology/botany + 1 credit of any science or ag-science, + 1 credit of any science, ag-science, computer science or CTE)	3
Social Studies (world history, US history, government & economics)	3
Physical Education (PE/health in 9 th or 10 th)	1
Visual/Performing/Applied Arts (VPAA credit)	1
World Language (or 1 world language + 1 VPAA or CTE through the class of 2024)	2
Senior Seminar (1 semester senior year)	1/2

Corunna High School will grant a diploma to all students who fulfill these requirements. Students must complete the total number of credits corresponding to their graduation class (see above), including:

- **Four (4) credits in English** that includes:
 1. 1 credit in English I
 2. 1 credit in English II
 3. 1 credit in English III
 4. 1 credit in an upper level (1400 – 1700) English elective
- **Four (4) credits in Math** that includes:
 1. 1 credit in Algebra I
 2. 1 credit in Geometry
 3. 1 credit in Algebra II (or Construction Trades I/II)
 4. 1 credit in Personal Finance

*A math-related course must be taken senior year no matter how many math credits have been earned
- **One (1) credit in Physical Education/Health**
- **Three (3) credits in Science** that includes:
 1. 1 credit in: Biology **OR** - both Zoology and Botany (=1 credit biology + 1 credit science)
 2. 1 credit in: Physics, Chemistry, Topics in Science, Anatomy/Physiology, or any Agri-Science class
 3. 1 credit in: any other science, Agri-Science, CTE program or computer science class
- **Three (3) credits in Social Studies** that includes:
 1. 1 credit in World History
 2. 1 credit in US History
 3. 1/2 credit in Government & 1/2 credit in Economics.
- **One (1) credit in Visual, Performing or Applied Arts (VPAA)**
- **Half (1/2) credit Senior Seminar (1 semester senior year)**
- **Two (2) credits in the same World Language**
OR 1 credit in a world language and 1 credit in an additional VPAA course or CTE program
- **An On-line Learning Experience is incorporated into each of the above required credits**

Credit will be granted provided:

- A student receives a passing grade of at least a D-.
 - o One half (.5) credit will be granted for the successful completion of one subject per semester.

THESE ARE THE ACCEPTABLE ACADEMIC COURSES USED TO DETERMINE ADMISSION TO COLLEGES & UNIVERSITIES, AS WELL AS TO ESTABLISH INITIAL ACADEMIC ELIGIBILITY FOR NCAA COLLEGE ATHLETICS.							
	9 th GRADE		10 th GRADE		11 th GRADE		12 th GRADE
123 1	English I	124 1	English II	125 1	English III	1461	Creative Writing/Reading
1233	Honors English I	1582	History and Liter. (SEM)	1267	Honors English III	1551	Science Fict. & Fantasy
1720	Speech/Debate-SEM	1253	Honors English II			1561	Holocaust Literature
1480	Mythology- SEM	1268	Novels - SEM			1673	AP English Lit/Comp
181 1	Spanish I	1831	Spanish III	1841	Spanish IV	1891	AP Spanish Language
1821	Spanish II						
231 1	Algebra I	222 1	Geometry	245 1	Algebra II		
2231	Advanced Geometry	2453	Advanced Algebra II	2353	AP Precalculus	2361	AP Calculus AB/BC
				2491	AP Statistics		
3211	Biology	3421	Topics in Science	3241	AP Biology-block (odd)		
3261	Physics	3301	Chemistry	3331	AP Chemistry-block (even)		
		3310	Advanced Chemistry	3231	Anatomy/Physiology		
429 1	World History	422 1	US History	444 1	Government-SEM		
4611	AP World History	4621	AP US History	435 2	Economics-SEM		
		4391	Intro to Psychology	4601	AP Macro-Economics-SEM		
		4371	Current Events-SEM	4500	AP US Government-SEM		
		4340	Sociology-SEM	4631	AP Micro-Economics-SEM		
				4361	AP Psychology		
CAREER PATHWAY ELECTIVE COURSES: NOT NCAA APPROVED							
9931	Power Hour 9	2481	General Probability & Stats	4503	Prepping for the SAT	1591	Career Readiness English
2323	Alg I AMPED-block	2223	Geometry GIC-block	1271	Yearbook	660 1	Senior Seminar
		4224	US History in Film				
5121	Woodworking I	5131	Woodworking II			217 1	Personal Finance
5211	Intro to Eng/Design	5220	Mechanical Engineer. (SEM)				
		5231	Architecture/Design (SEM)				
		5233	Intro to Unmanned Aerial				
5251	Mechatronics	5271	Mechatronics II				
		5531	Const. Trade I	5541	Const. Trades II		
		6511	AP Comp Science Principles	6111	BMA I	6121	VEI/BMA II
		6521	AP Computer Sci A (odd)				
		6141	Marketing (odd)	6161	Marketing/Entrepreneurship		
6501	Web Design	6321	Accounting I (even)	6331	Accounting II		
		7351	LINK	7321	Career Exploration		
7511	Zoology	7521	Botany	7531	Adv Animal Science (odd)	7541	Adv Plant Science (even)
7551	Ag. Mechanics-SEM			7571	FoodSTUFF		
7561	Greenhouse Mgt.-SEM	7575	Ag Leadership-SEM				
8111	Art I	8121	Art II	8131	Art III	8141	Art IV
8321	Marching Band-SEM	8411	Music Exploration-SEM				
8313	Symphonic Band-SEM	8423	Jazz Band				
8333	Concert Band-SEM						
8401	Choir-SEM						
861 3	Phys. Ed. (SEM)	8631	Lifetime Games/Activities				
861 4	Health (SEM)	8641	Strength/Speed Train				
SPECIAL ELIGIBILITY, APPLICATION OR PERMISSION REQUIRED							
Students taking these courses (B) listed below must have an IEP in place indicating that instruction is required in a special education setting.					Electrical I & II		Heavy Equipment
					Health Science Academy I & II		
					Public Safety	7331	Math Mentor-Ind Studies
					Teacher Cadet I & II		Dual Enrollment

					Welding I & II	8681	Work-Based Learning
9161	Literacy I/II-B	9241	Geometry B				
9230	Functional Math-B	9201	Algebra II-B	9421	IVT-Indiv. Voc. Training-B		
9211	Pre-Algebra-B	9371	Applied Academic and Post-Secondary Skills AAPS	9461	Work Study-B (1 hr.)		
9321	Life Skills			9471	Work Study-B (2 hr.)		
9171	English Prep-B						

Courses printed in **BOLD** print are required for graduation.

Blue shading = 4th English Blue

Yellow shading = 4th year Math eligible

Green shading = VPAA

ENGLISH and LANGUAGE ARTS

1230 ENGLISH – I (Required)

9 YEAR-LONG 1 credit

Students will read various genres throughout the course of the year which will focus on each unit's theme and essential question. Students will use the discussion board and their writer's notebook to practice writing fluency, improve their skill set, and to collaborate with peers. Students will participate in all the ELA Power Standards: Narrative Writing, Explanatory Writing, Argumentative Writing, Rhetorical Writing, Writing Conventions, Technology, Research, Speaking, Reading Literature, and Reading Informational Text.

A student may qualify for Honors English I based on these criteria: **Grade Point Average** in 8th grade English Language Arts, **PSAT Scores**, and **Effort, Time Management, and Participation in English Language Arts**:

- Shows self-motivation in school and beyond
- Consistently attends class and class on time
- Demonstrates regular enthusiasm for the subject
- Participates in whole-class, group, and individual activities
- Always submits work on time
- Manages constructive criticism; has positive attitude
- Respects the learning environment
- Takes initiative for own improvement (re-do of formative assessments, etc.)
- Advocates for self; strong student-teacher relationship

Honors Expectations: Upon acceptance into the Honors English class, students are expected to:

- Maintain A/B grades in Honors course each semester
- Remain in the course for the duration of the school year
- Maintain high standards of academic integrity
- The student commits to completing any summer work. Summer work may include the reading of books, writing assignments, projects, etc.

1240 ENGLISH - II (Required)

10 YEAR-LONG 1 credit

Prerequisite ~ English I

Students will be given the opportunity to read a rich mix of classic and contemporary selections. One of the longer selections of study is the novel *To Kill a Mockingbird*. Instruction will also provide strategies and resources to assess and improve vocabulary and conventions of language. Also, activities and opportunities to improve and to demonstrate written expression will be provided. In addition, the student will utilize the writing process to demonstrate their mastery in various genres. Moreover, teaching methods and style will be focused on the student and how to improve his or her individual success.

A student may qualify for Honors English II based on these criteria: **Grades** in previous English courses, **PSAT Scores**, and **Effort, Time Management, and Participation in English courses**:

- Shows self-motivation in school and beyond
- Consistently attends class and class on time
- Demonstrates regular enthusiasm for the subject
- Participates in whole-class, group, and individual activities
- Always submits work on time
- Manages constructive criticism; has positive attitude
- Respects the learning environment
- Takes initiative for own improvement (re-do of formative assessments, etc.)
- Advocates for self; strong student-teacher relationship

Honors Expectations: Upon acceptance into the Honors English class, students are expected to:

- Maintain A/B grades in Honors course each semester
- Remain in the course for the duration of the school year
- Maintain high standards of academic integrity
- The student commits to completing any summer work. Summer work may include the reading of books, writing assignments, projects, etc.

1250 ENGLISH – III (Required)

11 YEAR-LONG 1 credit

Prerequisite ~ English II

Modeled after the State of Michigan outline for the third credit of ELA, the goal for English III is to continue to

build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. Students will add to the list of various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school with an introductory focus on British and World Literature. Students will connect with and respond to texts through transformational thinking. They will learn to use forward thinking to help make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for the future (Michigan Merit Curriculum: Course/Credit Requirements).

Honors Expectations: Upon acceptance into the Honors English class, students are expected to:

- Maintain A/B grades in Honors course each semester
- Remain in the course for the duration of the school year
- Maintain high standards of academic integrity
- The student commits to completing any summer work. Summer work may include the reading of books, writing assignments, projects, etc.

1460 CREATIVE WRITING & READING

12 YEAR-LONG 1 credit

Prerequisite ~ English I, English II, English III

This course is designed to help students craft various works of fiction, poetry, and nonfiction. In addition to daily in-class writing exercises and discussions, students will critique each other's writing in a constructive and respectful workshop atmosphere. Students will read and discuss the works of many different writers, using the authors' techniques as a guide for their own writing, focusing on elements of good fiction (setting, character, plot, point of view, voice, etc.) and non-fiction alike. Additionally, students will spend time exploring a plethora of genres. If you love expressing yourself creatively and love reading and discussing literature, this class is for you! Creative Writing and Reading is a reading and writing intensive course!

**Arts & Communications, Health & Human Services
Career Pathways**

Eligible for 4th year English credit.

1550 SCIENCE FICTION & FANTASY

12 YEAR-LONG 1 credit

Prerequisite ~ English I, English II, English III

Students will explore the Science Fiction and Fantasy genres through a study of classical and contemporary novels, short stories, films, and television shows. Both genres have, from the start, been a successful avenue of reflecting a culture's values and fears. Students will research the events in history that have given rise to specific works in these genres and analyze the impact these works have had on our culture. In addition to daily in-class writing exercises and discussions, students will critique each other's writing in a constructive and

respectful workshop atmosphere. Anchor texts used in this course have included: *The Hobbit*, *Anthem*, *The Time Machine*, and *Ender's Game*. Additionally, students will have the opportunity to do choice novel reading. If you love reading Sci-Fi or Fantasy, if you think you might want to write in this genre, this is the class for you! Science Fiction and Fantasy is a reading and writing intensive course!

Eligible for 4th year English credit.

1560 HOLOCAUST LITERATURE

12 YEAR-LONG 1 credit

Prerequisite ~ English I, English II, English III (could be taken concurrently)

The Holocaust is the most documented crime ever committed in history. In the Holocaust, one person was murdered six million times. Because of Nazi tyranny, one person was murdered five million times. So how did it happen? How can you learn more than statistics? Study the human story. This course focuses on literature and films about the Holocaust for students to gain knowledge about the largest genocide to ever have occurred in history. The students will read a variety of genres that will help them develop an empathetic attitude toward the personal experience of being a victim of the Holocaust and of Nazi tyranny. Every effort will be made to continue to bring in at least one Holocaust survivor to speak and to visit the Holocaust Center in MI. The students will examine and communicate their personal experiences and responsibilities through listening, speaking, and writing. Moreover, they will use literature to gain knowledge about the role of prejudice, discrimination, and Antisemitism in the twentieth century and connect these to what is happening in the world today. This course is reading and writing intensive and is intended for juniors and seniors because of the mature content that will be read, viewed, and discussed. A core anchor text that the students will read is "Night" by Elie Wiesel; however, students will also have the opportunity to do choice novel reading and participate in literature circles. Using modern films, such as "Schindler's List" will help students develop an enhanced sensitivity to human suffering.

Eligible for 4th year English credit.

1760 HISTORY AND LITERATURE

11 – 12 SEMESTER/YEAR-LONG .5/1 credit

10th grade upon department approval

Prerequisite ~ English I, English II, English III

Hit/Lit will be a combination of history and literature discussing many of the hot topics in societies of past, present, and future. It will be an inquiry based course where we will focus on multiple pieces of literature and lessons of history to formulate articulate stances/answers to the following questions in the syllabus. Students will have the choice to what avenue they pursue based on their interest in regards to each question.

Eligible for 4th year English credit.

1591 CAREER READINESS ENGLISH

12 YEAR-LONG 1 credit

Prerequisite ~ English I, English II, English III

This English course integrates the skills needed for students going directly into the workforce, a 2-year certification program and/or an apprenticeship program. This course will provide career- readiness through units on attitude, preparation, perseverance, respect, honesty, self-control, duty, responsibility, and leadership. THIS COURSE IS NOT NCAA APPROVED.

Eligible for 4th year English credit.

**1670 ADVANCED PLACEMENT (AP®)
ENGLISH LITERATURE & COMPOSITION**

12 YEAR-LONG 1 credit

Prerequisite ~ English I, English II, English III

AP English is an in-depth study of poems, plays, short stories, and novels primarily from English literature. The class will concentrate on both written and oral analysis of literary works and figurative language. Readings may include: A Raisin in the Sun, The Catcher in the Rye, The Importance of Being Earnest, Wuthering Heights, Heart of Darkness, All Quiet on the Western Front, The Glass Menagerie, The Secret Life of Bees, Pride and Prejudice, the Iliad, The Great Gatsby, A Doll's House, Oedipus the King, and various poetry and short story selections. Students must be prepared to work independently, manage time wisely, and contribute to group work in this very demanding course. Internet research is used for various projects and background information on historical periods and authors. Test preparation practice on the Internet will also be available. AP English Literature and Composition is designed as an equivalent of a college level course; thus, the assignments and workload are consistent with a typical undergraduate English literature course.

Eligible for 4th year English credit.

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1720 SPEECH & DEBATE

9 - 12 SEMESTER .5 credit

Speech & Debate is a class which helps a student gain the confidence to speak in front of people. The course is designed to improve anyone's ability to communicate and is especially valuable to those students whose career plans involve speaking to the public. All aspects of daily communication skills, including listening, nonverbal communication, and argumentation and group discussion are explored. Many subjects require group participation and cooperation and occasionally students will be asked to evaluate each other's work. Students will be doing on-line research and using MLA for their prepared speeches.

1268 NOVELS

10 - 12 SEMESTER .5 credit

Novels is a course designed to explore classic novels that have shaped literary history and continue to influence modern storytelling. Through reading, discussion, and analysis, students will engage with themes, characters, and narrative structures that define these timeless works. The course will emphasize critical thinking, literary

analysis, and the development of writing skills through essays and projects. Students will have the opportunity to connect the novels to contemporary issues and personal experiences, fostering a deeper understanding of the human condition. This course is designed for students who are passionate about literature and eager to delve into the rich world of classic fiction.

1480 MYTHOLOGY

9-12 SEMESTER .5 credit

Gain an understanding of the Ancient Greek, Roman & Norse concepts of creation and the early development of mankind. Study the techniques of summarizing and retelling stories. Answer questions to demonstrate your knowledge and understanding of the main events and characters. Demonstrate your understanding of the text on four levels: factual, interpretive, critical and personal. Define your own interpretations and viewpoints based on your understanding.

SENIOR SEMINAR

12 SEMESTER .5 credit

The purpose of this course is to improve the knowledge, research, investigatory skills, presentation skills, interpersonal skills, problem solving, organization, leadership capacity, and communication skills of Seniors as each is planning an individual career pathway to the workforce, military, and/or an institution of higher learning. Students will leave the course with a post high school plan and have career readiness skills for their next steps in their journey. During this course, students will prepare for graduation, complete post-secondary applications, work on a capstone Senior Exit presentation, participate in mock interviews, job shadows, and community service projects, perform research on self and careers, and improve daily life skills. In addition, students will learn strategies to be successful in postsecondary studies such as reading, note taking, memorization techniques and learning theories. Seniors will complete their individual EDP projects which were started earlier in their high school career

MATHEMATICS

2100 PRE-ALGEBRA

9 YEAR-LONG 1 credit

Prerequisite ~ less than 70% in 8th grade math, with teacher recommendation

Pre-Algebra is a class designed to prepare students for Algebra 1. Emphasis is placed on ensuring students have solid arithmetic and beginning algebra skills, such as arithmetic, fractions, solving equations, and graphing linear equations and systems.

2310 ALGEBRA I (Required)

9 - 12 YEAR-LONG 1 credit

Prerequisite ~ 70% in 8th grade math, with teacher recommendation

In Algebra 1, students will develop habits of mind to become a mathematical thinker as well as be able to problem solve in order to develop a rich understanding of real-world mathematical dilemmas. This class will focus on solving equations, graphing, functions, exponents, radicals, polynomials and quadratic functions.

2323 ALGEBRA I-AMPED

9 YEAR-LONG blocked for 2 credits

Prerequisite ~ 70% in 8th grade math, with teacher recommendation

An integrated algebra I and mechatronics course. The course is recommended for students interested in pre-engineering, architecture, construction management, interior design, landscape architecture, construction trades, and surveying. Students will learn safety, problem solving, machine and tool use, and will be exposed to practical skills in building and machine trades while learning core sets of algebra I facts.

2220 GEOMETRY (Required)

10 - 12 YEAR-LONG 1 credit

Prerequisite ~ Algebra I

This course builds on the habits of mind learned in Algebra I. Concepts of length, area, volume and symmetry create the building blocks of geometry. An analysis of polygonal figures including similarity and scaling lays the groundwork for right angle trigonometry. Standard principles of congruence and triangulation of polygons are developed and employed in innovative ways to make clear their applicability to real world problems. The role of circles in the world is explored. Expands two-dimensional ideas to three-dimensional shapes.

2231 ADVANCED GEOMETRY

9 YEAR-LONG 1 credit

Prerequisite ~ Advanced Math in 8th or Algebra I

This course is designed for students who think they will take college math someday. Students will explore relationships between angles, write proofs for congruence, and explore similarity and trigonometry. Students will also expand understanding of two-dimensional shapes into three-dimensions. This course covers the same material as Geometry, but goes faster, deeper, and farther.

2223 GEOMETRY IN CONSTRUCTION

10 YEAR-LONG blocked for 2 credits

Pre-requisite ~ Algebra I or AMPED

In integrated geometry and construction trades, students will be in a team-taught class. The course is recommended for students interested in pre-engineering, architecture, construction management, interior design, landscape architecture, construction trades, and surveying. Students will learn safety, problem solving,

machine and tool use, and drawing interpretation. Students will be exposed to practical skills in building and carpentry trades while learning core sets of geometry facts and using coordinate geometry in the study of area, perimeter, volume, transformations, congruence, Pythagorean theorem, similar figures, trigonometry, quadrilateral properties, circle properties, logic and function.

2450 CAREER PREP ALGEBRA II

11 - 12

YEAR-LONG

1 credit

Prerequisite ~ Geometry or concurrently

Students will build on the skills learned in Algebra I and Geometry to problem solve in order to develop a rich understanding of real-world mathematical dilemmas. This version of Algebra 2 is for the student who doesn't think they'll need math at the college level, but also doesn't want to take Construction Trades II. The overall goal of this class is to prepare students for a career, so there will be a laser-focus on practical applications in real-world situations; students will learn hands on skills such as manipulating polynomial, exponential and linear data in spreadsheets, modeling business projections with functions, or interpreting statistics.

THIS COURSE IS NOT NCAA APPROVED.

2453 ADVANCED ALGEBRA II

10

YEAR-LONG

1 credit

Prerequisite ~ Advanced Geometry or Geometry (or be taking concurrently)

Advanced Algebra 2 is designed for students who think they may someday take any math at the college level. It's not called "advanced" because it's harder; instead we just move a little faster and a little deeper to make sure students are ready for what they may see in college. Students will explore the following topics: polynomials, systems of equations and inequalities, quadratic functions, exponential functions, absolute value functions, rational functions, logarithms, and probability/statistics. Students will continue exploring these functions more in depth as they gain a further understanding of Algebra's applications to the real world.

2353 ADVANCED PLACEMENT (AP®)

PRE-CALCULUS

11-12

YEAR-LONG

1 credit

Prerequisite ~ Advanced Algebra II

AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Furthermore, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets

of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type.

Eligible for 4th year Math credit if taken in Senior Year

2481 GENERAL PROBABILITY & STATISTICS

10-12 SEMESTER/YEAR-LONG .5/1 credit

Prerequisite ~ Algebra I

Students will get a general overview of the most important concepts of probability, statistics and data analysis. The focus will be on multiple hands-on projects, where students will gather and analyze data they collect themselves, and learn how to use modern tools for data analysis (computers and calculators).

Eligible for 4th year Math credit if taken in Senior Year

2490 ADVANCED PLACEMENT (AP®) STATISTICS

11-12 YEAR-LONG 1 credit

Prerequisite ~ C- in Algebra II (or take concurrently)

AP Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

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Eligible for 4th year Math credit if taken in Senior Year

2360 ADVANCED PLACEMENT (AP®) CALCULUS AB/BC

12 YEAR-LONG 1 credit

Prerequisite: ~C- or better in AP Pre-Calculus

This yearlong course covers the equivalent of 2 semesters of college level calculus. A.P. Calculus is split into two separate exams, an AB and a BC exam, with the BC exam consisting of all material on the AB with additional topics. The AB material is covered in the first half of the year and the BC material is covered in the second half of the year. A student can earn 8 credits toward college if they do well enough on the test and their college of choice accepts the AP test as credit.

Suitable for all Career Pathways requiring a college degree.

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Eligible for 4th year Math credit if taken in Senior Year

MATH MENTOR

11-12 YEAR-LONG 1 credit

The purpose of this course is to improve students' overall mathematical comprehension and achievement. Also, the course is designed to increase students' mentorship and leadership skills and offer greater opportunities for students to use, practice, and refine their mentor / leadership skills at Corunna High School.

9931 POWER HOUR 9

9 YEAR-LONG 1 credit

Prerequisite ~ recommendation by 8th grade math

Designed to be taken in addition to mathematics courses to provide instruction to assist students in acquiring mathematical skills so that students attain necessary grade-level skills or reach a desired competency level. Students will have addition time in this course to complete their math homework assignments with the support of a certified math teacher.

SCIENCE

3210 BIOLOGY

9 YEAR-LONG 1 credit

This is a general science course designed to examine aspects of the living world. An effort will be made to survey as much material as possible due to the fact that this is an introductory biology course for all higher level, college preparatory biology courses. Students will be exposed to a wide range of topics from cell biology/biochemistry and genetics, to evolution and ecology. Students will be conducting inquiry labs, class discussions, activities/simulations, and even dissections as they explore the Next Generation Science Standards (NGSS).

7510 ZOOLOGY

7520 BOTANY

Zoology and Botany course descriptions can be found in the Career Pathway Electives – **Natural Resources & Agri-Science** section of the Course Guide.

BY COMPLETING BOTH ZOOLOGY & BOTANY, STUDENTS MAY FULFILL THE LIFE SCIENCE REQUIREMENT FOR GRADUATION (BIOLOGY) PLUS ONE ADDITIONAL SCIENCE CREDIT.

3420 TOPICS IN SCIENCE

10 - 12 SEMESTER/YEAR-LONG .5/1 credit

Prerequisite ~ Biology (or Zoology and Botany)

This course will incorporate several aspects of scientific concepts and methods. Students will improve their communications skills while gaining experience with student led research projects. Areas of study will include: the fundamentals of Physics and Chemistry, explorations in the food sciences, natural resources management/conservation, and Earth Science.

3230 ANATOMY / PHYSIOLOGY

11 - 12 YEAR-LONG 1 credit

Prerequisite ~ Biology (or Zoology and Botany) and Chemistry

Anatomy & Physiology is an advanced second biology course that deals with the structure and function of the human body in detail. All systems of the human body will be studied in function and structure by means of lecture, reading/writing, class discussions, virtual labs/simulations, and extensive lab work. The systems that will be studied are Integumentary, Skeletal, Muscular, Cardiovascular, Digestive, Respiratory, Endocrine, Urinary, Lymphatic, Reproductive and Nervous. Lab work will be done using microscopes, performing experiments, and through the dissection of prepared fetal pigs. This class will be very helpful to anyone considering a career in human medicine, animal medicine, sports medicine, or health related fields.

3240/3245 ADVANCED PLACEMENT (AP®) BIOLOGY (odd years)

11 - 12 YEAR-LONG blocked for 2 credits
Prerequisite ~ Biology (or Zoology and Botany) and Chemistry

Advanced Placement Biology is intended for the academically talented student in science. The class involves student demonstrations, problem solving activities and simulation activities. The course of study in biology deals with the biochemistry; cell biology including cell respiration, photosynthesis, and protein synthesis; botany; zoology; physiology and anatomy, genetics, embryology, evolution, and ecology. The course is taught at a freshman college level and requires extensive reading and analysis. Many lab experiences will be provided, including the College Board recommended labs. In May, the students are given an option to take the AP exam given by College Entrance Exam Board for possible college credit. The exam is administered at Corunna High School and the students pay the cost of taking the test. No one taking this A.P. course is required to take the nationally administered exam.

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3321/3323 ADVANCED PLACEMENT (AP®) CHEMISTRY (even years)

11-12 YEAR-LONG blocked for 2 credits
Prerequisite ~strongly recommend B+ in chemistry, B in algebra II, completion or concurrently enrolled in Pre-Calculus or Calculus, or teacher recommendation

Advanced Placement Chemistry is intended for an academically focused student in science who want to potentially earn college credit as they work to further their understanding of chemistry. This course strives to meet the objectives of an introductory chemistry course at the college level. There are four major areas of study: Structure of Matter, States of Matter, Reactions, and Descriptive Chemistry. The course is taught at a freshman college level and requires intensive reading, analysis, and a number of laboratory exercises

recommended by the Advanced Placement Program will supplement this course.

Topics of study include: General Chemistry, Stoichiometry, Thermochemistry, Solutions, Electronic Structure of the Atom, Chemical Bonding, Gases, Intermolecular Forces, Chemical Kinetics, Chemical Equilibrium, Acids and Bases, Aqueous Equilibrium, Chemical Thermodynamics, Electrochemistry, and selected advanced topics.

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3300 CHEMISTRY

10 - 12 YEAR-LONG 1 credit

Recommendation ~ Algebra II or concurrently

Chemistry is for the science student who plans to pursue a science career and / or who wishes to explore an interest in science. Students will develop an understanding of the science of chemistry as well as building skills and techniques used in the outside world. This will be accomplished by conducting experiments, class discussions, reading and writing, projects and presentations. Technology such as data acquisition with sensors and computers, as well as qualitative hands-on techniques will be used to meet these goals. This course will explore topics including the periodic table and atomic structure, properties of electrons, the bonding nature and naming of elements, chemical reactions, stoichiometry, gas behavior, solubility, energy transfer, oxidation and reduction, and acid - base theory. Chemistry is recommended for qualified students who desire preparation for college chemistry.

3260 PHYSICS

9-12 YEAR-LONG 1 credit

Prerequisite ~ Algebra I

In this course students will develop an understanding of the science of physics while developing skills and techniques applicable to other disciplines. This is accomplished with an extensive set of inquiry based experiments, the corresponding discussion, projects applying concepts, and presentations. Technology such as data acquisition with sensors and computers, as well as qualitative hands-on techniques will be used to meet these goals. This course will explore topics including motion, forces, momentum, energy, waves, electricity, and magnetism.

SOCIAL STUDIES

4290 WORLD HISTORY (Required)

9 YEAR-LONG 1 credit

The World History course is a social studies class designed for ninth grade students. Students will explore geography and the relationship between people, places, and environments. Students will identify the lives of individuals and peoples around the globe making connections with past human interactions to the current world issues of today. Students will be required to

research specific topics on the Internet, complete Web Quests, and use interactive sites as learning tools.

4220 US HISTORY (Required)

10 YEAR-LONG 1 credit

Prerequisite – World History

American History is a survey of the history of the United States. The student will be studying the economics, social, and diplomatic growth of the United States from the Post Civil war period through the present.

4224 US HISTORY IN FILM

11-12 YEAR-LONG 1 credit

One way to learn about the past is to study movies with historical themes. In this course we will examine historical events by watching, discussing, and writing about movies. We will focus on 20th Century American history. Movies can provide some factual information about a historical figure, event, or time period; they can also distort the past. A major part of the course will be discussion of how movies accurately and inaccurately portray history, so for every film we watch we will ask two questions:

1. What does this movie tell a modern viewer about a particular time period?
2. What is the underlying theme of the movie?

4441 GOVERNMENT (Required)

11 SEMESTER each .5 credit each

Prerequisite – US History

Government is the study of the governmental structures and how they work at the national, state, and local levels. Citizen's rights and responsibilities within these structures, such as voter rights; the selective service; and the comparison of different governmental systems will be covered. Textbooks will be used with much emphasis placed on outside reading in newspapers, magazines, and books.

4352 ECONOMICS (Required)

11 SEMESTER each .5 credit each

Prerequisite – US History

Economics is the study of how people satisfy the wants and needs of everyday life through material goods and services. Main areas of study include PRACTICAL ECONOMICS: role as a consumer, buying principles, going into debt, housing, and saving and investing; MICROECONOMICS: free enterprise system, marketing & collective bargaining; MACROECONOMICS: national income, money and banking, Federal Reserve System, & government spending; INTERNATIONAL ECONOMICS: buying & selling, resources between cooperative nations.

4370 CURRENT EVENTS

10-12 SEMESTER .5 credit

Current Events I is an introductory social studies class, designed to expose students to events / topics which have a profound impact on the world. Emphasis will be placed on developing life-long learning skills, creating argumentative solutions, finding empirical evidence to

solidify arguments, and developing an understanding of how events around the world have an effect on their lives.

4340 SOCIOLOGY

10-12 SEMESTER .5 credit

A study of group behavior orientated toward the cultured background of various groups. Such topics as juvenile delinquency, minority groups, personality traits, and social classes are studied. The nature of the class requires considerable note taking by the student.

4360 & / OR 4365 ADVANCED PLACEMENT

(AP®) PSYCHOLOGY

11-12 YEAR-LONG 1 credit

Prerequisite ~ Introduction to Psychology (80%)

Advanced Placement Psychology is a course with the aim of providing the student with a learning experience equivalent to that obtained in most college introductory psychology courses. It is expected that all AP students take the AP Psychology Exam in May. Students are required to complete outside reading, question, critically think, practice and improve writing skills, and utilize outside sources to stay current of topical issues in the psychology field. Topics to be studied include, but are not limited to, biological basis of behavior, sensation and perception, states of consciousness, developmental psychology, social psychology, psychological disorders & treatment. Knowledge and use of APA format is required for this course.

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4390 INTRODUCTION TO PSYCHOLOGY

10-12 SEMESTER/YEAR-LONG .5/1 credit

Prerequisite ~ Group work, discussion, above-average reading & writing skills are necessary for success in this class.

This course will study topics in psychology that affect our everyday lives, such as learning, memory and thinking, intelligence, motivation, emotion, stress, and personality. Students will also be introduced to the major theories in psychology and the scientific method.

4600 ADVANCED PLACEMENT (AP®)

MACRO-ECONOMICS

11-12 SEMESTER 1/2 credit

Prerequisite: Economics

An AP course in Macroeconomics is designed to give you a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops your familiarity with economic performance measures, economic growth, and international economics.

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4621 ADVANCED PLACEMENT (AP®) UNITED STATES HISTORY

11-12 YEAR-LONG 1 credit

AP U.S. History is designed to be the equivalent of a two-YEAR - LONG introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

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4641 ADVANCED PLACEMENT (AP®) WORLD HISTORY

9-12 YEAR-LONG 1 credit

Study the cultural, economic, political, and social developments that have shaped the world from c. 1200 CE to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. AP® and Advanced Placement® are registered trademarks of the College Board. Used with permission

4500 ADVANCED PLACEMENT (AP) US GOVERNMENT & POLITICS

11-12 Semester 1/2 credit

Pre-requisite: **Government**

The AP Government & Politics: United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. While there is no single approach that an AP Government & Politics: United States course must follow, certain topics are generally covered in college courses.

4641 ADVANCED PLACEMENT (AP®) EUROPEAN HISTORY

11-12 YEAR-LONG 1 credit

Study the cultural, economic, political, and social developments that have shaped Europe from c. 1450 to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

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4631 ADVANCED PLACEMENT (AP®) MICRO-ECONOMICS

11-12 SEMESTER 1/2 credit

Prerequisite: **Economics**

AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

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4503 PREPPING FOR THE SAT

11 ONLY SEMESTER/YEAR-LONG .5/1 credit

This course is offered to all juniors. Students should show a strong desire to reach their maximum potential on the SAT test in the spring of their junior year. This is a heavy workload class, aimed at attracting students who see the value in raising their SAT scores. Along with taking multiple practice tests, students will examine PSAT test results and dissect the SAT test through their own operations and in cooperative learning activities. Students will also be exploring college, scholarship, and application opportunities throughout the YEAR-LONG.

**The study of
WORLD LANGUAGES
is suitable for ALL Career Pathways**

SPANISH

1810 SPANISH 1

9 - 12 YEAR-LONG 1 credit

Spanish just might give you the edge when you apply for your dream job! Why? Because so many people speak the language! Do you know that the Hispanic population is now the largest minority in the United States? That most packages give directions, ingredients, and labels in Spanish? If you would like to get a jump-start on marketing yourself to future employers then consider signing up for Spanish.

If you have a serious interest in Spanish and would like to speak with confidence upon graduating then 5 or more credits are necessary. Three credits of Spanish may be sufficient if your interest is only to be familiar with the language and the cultures that speak it ~ **OR** ~ you plan on attending a college that requires two years of a foreign

language for admission. If this is the case, then we suggest that you take Spanish in your junior and senior years to improve retention of the language.

This class is designed to emphasize the two major aspects of language study - language experience and cultural awareness. Language experience ~ through listening, speaking, reading, and writing is developed to where students are expected to listen, to ask questions, to describe, to follow directions, to narrate, to express opinions and to create in order to perform various functions relevant to natural language settings. Cultural awareness is developed through the study of the people, customs, traditions and their beliefs.

1820 SPANISH II

9 - 12 YEAR-LONG 1 credit

Prerequisite ~ Spanish I with a "C-" or better

Spanish II continues to develop and build upon the skills acquired in Spanish I. This course provides further opportunity to develop competency in using the language through an increased emphasis on perfecting pronunciation, listening comprehension, developing vocabulary and use of the present tense and language structure. The class is conducted in Spanish whenever possible and the students are engaged in conversation appropriate to their level of language acquisition. Students will explore all of the Spanish-speaking countries.

1830 SPANISH III

10 - 12 YEAR-LONG 1 credit

Prerequisite ~ Spanish II with a C or better

Spanish III continues to build upon the skills learned in Spanish I & II. This class will focus on conversation and dialogues in Spanish. It will include short stories to be read and discussed in Spanish. Students will continue to learn about the important cultural events of different Spanish-speaking countries. This course is for anyone who wants to increase his or her speaking fluency. Learn how much fun it is to be conversational in another language!

1840 SPANISH IV

11 - 12 YEAR-LONG 1 credit

Prerequisite ~ Spanish III with a C or better.

This course is designed to refine, improve, and enhance language skills: listening, speaking, reading, and writing. Emphasis will be on practical conversation, reading and discussion of short stories. There is a strong focus on applying language to real-life situations. This course is for anyone who wants to increase his or her speaking fluency. Learn how much fun it is to be conversational in another language!

1890 ADVANCED PLACEMENT (AP®) SPANISH LANGUAGE

11-12 YEAR-LONG 1 credit

Prerequisite ~ Spanish IV or above with a C or better

AP Spanish is offered to students who have completed Spanish 4 or 5 and is recommended to be offered as a

full-year course. This course is comparable to third-year (fifth or sixth YEAR-LONG) college or university courses that focus on speaking and writing in the target language at an advanced level. The class will be conducted in Spanish. Students will participate in discussions on current events, literature, poems, and short stories.

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PHYSICAL EDUCATION

8613/8614 PHYSICAL EDUCATION/HEALTH

(Required)

9 or 10 YEAR-LONG 1 credit

This introductory Physical Education course will be split up into 2 different functions throughout the YEAR-LONG. Students will be introduced to Strength Training methods 3 days a week and be setup on a tailored program for the individual student. For the other 2 days students will be engaged in competitive team games throughout the YEAR-LONG from a wide range of activities. This course will challenge you physically, mentally, socially & emotionally & strengthen all of these wellness characteristics on a daily basis. During this class we will learn many things to allow students to make healthy decisions regarding physical activity & daily life choices. We aim to provide you with both of these phases of class to help students make decisions outside of Physical Education to enhance quality of life. **The deciding factor in your grade each day involves following expectations & rules, your effort & participation, focus and attitude on a daily basis.**

Daily preparation for class with appropriate Physical Education clothes. If you miss a day in Physical Education **for ANY reason including a doctor's note,** you must make that day up. **If TOTAL DAYS ABSENT MEET or EXCEED 25% of the total days in the quarter you will drop 1 full Letter grade.**

*Students may request to waive the physical education class by completing a form that confirms their participation in one semester of band, one season of a school sport, or one year of a sport/activity outside of high school (requires administrative approval). Please see a counselor for the waiver form.

CAREER PATHWAY ELECTIVE COURSE DESCRIPTIONS

ARTS and COMMUNICATIONS CAREER PATHWAY



ART

8110 ART I

9 - 12 YEAR-LONG 1 credit

Art I focuses on the first six elements of design. These are: line, shape, texture, form, value and color. Students have the opportunity to observe and use both two and three dimensional media. Art I will provide the student with multi-media, "hands on" instruction and introduction to various art materials, vocabulary, and techniques used to help students identify the role art plays in our everyday living and working places. **VPAA credit.**

8120 ART II

10 - 12 YEAR-LONG 1 credit

Prerequisite ~ Art I

Art II is a continuation of Art I with more detailed studies and experience in composition, crafts, and three-dimensional projects. Students will explore the six design principles and they are: movement, balance, unity, emphasis, rhythm/ pattern, and contrast. Students will experience drawing still life drawings, figure drawings, paint in watercolor, tempera, and craft projects (repose, bas-relief, collage, stitchery, paper-maché, wood construction, and clay). Periods of art are studied from Prehistoric through contemporary in crafts, sculpture, and architecture. **VPAA credit.**

8130 ART III

11 - 12 YEAR-LONG 1 credit

Prerequisite ~ Art II

Art III is a more detailed study concentrating on the Fine Arts. Students will learn specific technical skills in concentrated areas of study. Students will use knowledge of historical art in our culture and in others to choose specific themes and projects. Students will look at the relationship of art to experiences that make us unique and to respect and develop their own unique ideas and visions. Students will experiment with the use of several media's and build upon their uses and improve artistic technique. Students will explore schools of study, participate in local art shows and display work within the community and move away from copying and using plagiarism habits. Students are required to complete an assessment portfolio before moving into Art IV.

VPAA credit.

8140 ART IV

12 SEMESTER/YEAR-LONG .5/1 credit

Prerequisite ~ Art III and Teacher approval.

This class is independent. A teacher will be in the room and available if you need help or guidance, but you are expected to use references provide and experience built over the last three or four years.

At the beginning of the year, you will meet with the teacher to create your individual curriculum plan. You will be a partner in deciding what your year will look like. Two structured components of your year:

1. You will choose a large project that will be the focus of a semester that must be approved by the teacher.

Examples of a project of focus would be a wall mural, permanent sculpture for the courtyard or a designer line of clothing. You will set the expectations.

2. You will choose an area of focus to create multiple pieces for a specific end. This could be a personal showing or for entry into an art competition, or to donate to a local nursing home for others to enjoy. You must make a plan and set expectations for this part of your year as well.

This is an exciting opportunity for an artist to explore their own interest and to develop their own style while pushing their abilities and creating independence.

VPAA credit.

COMMUNICATIONS

1270 WRITING PRACTICUM – II: YEARBOOK

11 - 12 YEAR-LONG 1 credit

Prerequisite: Special highly selective admission process; permission of instructor; 10th grade upon department approval.

Students will be involved with the complete physical and financial production of the yearbook through copy writing and editing, photography and photo editing, page layout/graphic design, advertising and marketing.

The yearbook is designed using an adapted online version of Adobe Indesign. It is helpful if yearbook staff members have Internet access outside of the classroom and a driver's license. Students must be mature, responsible, and self-disciplined, be able to follow oral and written directions, skilled in both oral and written communications, and have respect for deadlines and expensive equipment. Staff members are required to attend school events. They are also required to work with many people – adults and peers – both in school and in the business community.

Computer skills are important for this class. Knowledge of digital camera photography is also helpful. Out-of-school time is required to meet deadlines, take pictures, and sell advertisements.

VPAA credit.

MUSIC EDUCATION

8400 CHOIR

9 - 12 1st semester .5 credit

Choir is open to all students in grades 9-12. Performances are given outside of class time and **are required**. Letter grades are given. Vocal tests are given periodically and at the end of each YEAR-LONG a singing in front of the class is required as part of your final grade. Grades are based on class participation, tests and public performances.

VPAA credit.

8320 & 8325 MARCHING BAND/CONCERT OR SYMPHONIC BAND

9 - 12 Full Year 1 credit

Prerequisite ~ 8th Grade Band

Students are **required** to participate in the following activities during marching band season: football games, parades, band exhibitions, pep band, and extra rehearsals. **Corunna High School's summer marching band camp is required.**

During second YEAR-LONG, music will be selected to both challenge and stimulate the student. Individual practice will be required in addition to classroom rehearsals. **All performances are required.** Solo and Ensemble participation is strongly recommended. Grades will be determined by playing tests, classroom participation, projects and attendance at all performances. **Students are required to be in band BOTH YEAR-LONGs.**

VPAA credit.

8410 MUSIC EXPLORATION

9 - 12 Semester 1/2 credit

Prerequisite ~ Approval of the teacher. Prior music background is preferred, but not required.

This class is an independent study on many different aspects of music that may be of interest to an individual student. Some areas that may be studied are Music Theory, Piano, Voice, Beginning Instruments, Guitar, music composition, music history or other areas pertaining to music that are approved by the instructor. Each marking period goals will be established for your field of study. Assessment will be determined on how you accomplish your individual goals in that marking period.

8420 JAZZ BAND

10 - 12 YEAR-LONG 1 credit

Prerequisite ~ **Audition & approval of the teacher.**

A class for individuals that play Bass Guitar, Electric Guitar, Piano, Alto, Tenor, Baritone Saxophones, Trumpet, Trombone, Tuba, and Percussion. The class would be a performance-based class that would explore many different styles of music from the big band era to the present time. Performances would occur outside the school day and be required. Improvisation opportunities will be available for all instruments. Admission to the class is by audition only. Grades are given based on class participation, test and public performances.

WEB DESIGN

6500 WEB DESIGN

9 - 12 SEMESTER/YEAR-LONG .5/1 credit

Students will obtain the skills and technical knowledge to successfully create web pages. Students will use HTML, CSS, and Bootstrap coding languages. This is a project-based class, with lots of hands-on coding on a daily basis. **VPAA credit.**

BUSINESS,



MANAGEMENT, MARKETING & TECHNOLOGY CAREER PATHWAY

BUSINESS MANAGEMENT & ADMINISTRATION (BMA)

6110 BMA - I

11 - 12 SEMESTER/YEAR-LONG .5/1 credit

Microsoft Word: What is "document formatting?" What is the proper setup for letters and reports? What should that letter you need to mail look like? Will my teacher accept my English report? Explore some acceptable practices in the area of word processing.

Microsoft Excel: Spreadsheets, spreadsheets, spreadsheets . . . What are they and how can I use them in my research reports? Explore simple spreadsheets and how you can use them to enhance your school presentations. Explore math functions, charts and graphs.

Personal Finance: Budget, Credit, Cash, Stocks & Bonds. Spend or Save???? Explore what you could do with the money you plan to earn in your lifetime.

PowerPoint / Careers: So . . . you want to be ????. Explore a career of interest and put it on a PowerPoint presentation.

Students enrolled in BMA are highly recommended to actively participate in the Business Professionals of America (BPA) student organization.

6120 VEI/BMA II/III

12 YEAR-LONG 1 credit

Prerequisite ~ BMA I

The Virtual Enterprise (VE) is a simulated business environment. The VE employees (i.e., you, the students) will be involved in actual "on-the-job" work experiences, including purchasing, sales, marketing, accounting, personnel, etc. The only difference between the VE and an actual business is that no material goods are produced or legal tender exchanged. However, in our case, services will be provided. The VE will generate the documents and information needed to do business with other VEs in New York City and abroad. You will work in one or more of the departments in the VE organization. In your department, you will be expected to work individually and as a member of a team to fulfill the responsibilities and tasks associated with your department. You will develop initiative, creativity, responsibility, enhance oral and written communication skills, and improve your ability to work on a team.

What is the goal of the VE experience?

The VE experience will weave together several academic disciplines and occupational subjects, thereby overcoming fragmentation of subjects. By working in the

VE, you will better understand how your learning has application and relevance to real life. The goal is to create a learning environment that, through a series of activities, integrates school and workplace to enhance learning. In effect, the VE will drive the learning, the applications and the educational experiences and opportunities. Through your experiences in the VE, you will come to see that there exists an important connection between all disciplines and that what you learn relevant to your future.

VPAA credit.

All assignments must be completed.

Students enrolled in VEI/BMA are highly recommended to actively participate in the Business Professionals of America (BPA) student organization.

6320 ACCOUNTING (even years)

10 - 12 YEAR-LONG 1 credit

This course presents the complete record keeping cycle for both a service business and a merchandising business. Students are introduced to the principles and methods of recording business transactions, preparation of financial reports, and interpretation of records. Accounting I is designed for students to learn the proper application of accounting procedures while applying and practicing these concepts.

Eligible for 4th year Math credit if taken in Senior Year

6140 MARKETING I (odd years)

10 - 12 YEAR-LONG 1 credit

Marketing provides an introduction to the role and impact of marketing on individuals, business and society. Students will learn about the importance of interpersonal skills and how to function effectively in business situations. All phases of the sales process, advertising and promotion will be explored in addition to product design and development.

6160 MARKETING II

11 - 12 YEAR-LONG 1 credit

Prerequisite ~ Marketing I

Marketing II is a dynamic year-long course designed for students who want to dive deeper into the world of business by focusing on the principles and practices of entrepreneurship. Building on foundational marketing concepts, this course guides students through the process of creating, developing, and launching a business. Topics covered include market research, business planning, product development, branding, financial management, and digital marketing strategies. Students will engage in hands-on projects, including the creation of a business plan and participation in entrepreneurial simulations. This course also emphasizes critical thinking, problem-solving, and leadership skills, preparing students for careers in business or for further studies in entrepreneurship. Participation in DECA (Distributive Education Clubs of America) or similar organizations is encouraged, offering opportunities for competitive events and leadership development.

2170 PERSONAL FINANCE (required)

12 SEMESTER .5 credit

Prerequisite ~ Algebra II or 3 math credits.

Personal Finance is a class that teaches students the necessary skills of managing their money for now and after high school.

The class will cover four units:

- Savings and Budgeting
- Credit and Debt
- Financial Planning and Insurance
- Income, Taxes, and Giving.

The class will cover the importance of savings, budgeting and an introduction to personal finance. It will also highlight the significance of making good financial decisions. Students will learn the purpose of budgeting, basics of banking, using checks, and reconciling a checking account.

Personal finance will go into depth about credit and debt. Students will learn the cost of debt as a financial tool, as well as an explanation of credit card and credit scores. We will also show ways to avoid debt as a young adult. Students will learn the importance of bargain shopping, making investments towards their future such as retirement, and health insurance. Students will also learn about financial risk management and cost-effective risk management strategies.

Students are far too often leaving high school and college without basic financial skills and letting their finances control them. We want to give them the tools to turn things around and give them the control.

Eligible for 4th year Math credit if taken in Senior Year

6510(AP®) COMPUTER SCIENCE PRINCIPLES

10-12 YEAR-LONG 1 credit

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology impact the world. Students will create apps using Javascript.

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3rd Science credit

6510(AP®) COMPUTER SCIENCE A

10-12 YEAR-LONG 1 credit

Prerequisite ~web design or AP Computer Science Principles.

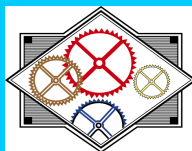
AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course

emphasizes object-oriented programming and design using the **Java** programming language.

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3rd Science credit

ENGINEERING, MANUFACTURING & INDUSTRIAL CAREER PATHWAY



MECHANICS

5250 MECHATRONICS

9 - 12 YEAR-LONG 1 credit

Mechatronics is a synergistic combination of precision engineering, electrical control, and mechanic systems. It is the science that exists at the interface among the five other disciplines: mechanics, electronics, informatics, automation, robotics. It is one of the most dynamically developing fields of technology and science.

VPAA credit & 4th year Math credit in Senior Year

5270 MECHATRONICS II

10 - 12 YEAR-LONG 1 credit

This course is designed to expand on students understanding of Mechatronics. A mechanical and electronic project-based learning course, students act as engineers and designers to analyze and build processes geared toward solving real-world problems. Class projects will include robotics, automation, industrial control, hydraulics, and electro-mechanical systems.

VPAA credit & 4th year Math credit in Senior Year

ENGINEERING

5210 INTRO TO ENGINEERING AND DESIGN

9 - 12 YEAR-LONG 1 credit

General drafting is a first year course open to males and females. It is intended for the beginning student, no prior training skill in drawing is necessary. However, eighth grade Exploratory Drafting is helpful. The main purpose is to provide essential information in the basic fundamentals of drafting. Individuals interested in engineering or a technical type of communication will find this very beneficial. The course is exploratory in nature covering an introduction to lettering, geometric construction, orthographic projection, dimensioning, perspective drawings, and the proper use of drafting instruments. This course will also cover an introduction to Computer Aided Drafting (CAD).

***All students will participate in MITES.**

VPAA credit & 4th year Math credit in Senior Year

5233 INTRO TO UNMANNED AERIAL SYSTEMS

10-12 YEAR-LONG 1 credit

This Career Technical Education (CTE) course is designed to provide students with a robust introduction to the Unmanned Aerial Systems (UAS) Industry. Students will be provided the knowledge to pass the FAA Remote Pilot written exam. This license is required to be a Commercial Drone Pilot. Topics of study for written exam include aircraft performance, airspace classifications, airport operations, maintenance, meteorology, risk assessment/management, and UAS operations. This course provides an overview of current UAS technology and current commercial applications. In this course students will gain experience flying remotely piloted aircraft and operating an Unmanned Aerial Vehicle (UAV).

Given predominance of aerial imaging in the UAS industry, students will gain a strong understanding of working with a digital camera, working with raw files, digital workflow, and light. Students will be introduced to the principles of esthetics, composition, and color as it applies to the digital photography medium. Students will collect images using drones and work in post processing with lightroom, photoshop, and output to digital prints.

SCIENCE credit

5260 MECHATRONICS: PRINCIPLES OF ENGINEERING

10 - 12 YEAR-LONG 1 credit

Prerequisite ~ Intro to Eng & Design

Designed for the individual planning to further develop their skills in the field of drafting, technical training, engineering, or CAD (computer aided drafting). This course covers the major areas needed to explore design layout using developments and intersections, descriptive geometry, gear development, detail and assembly drawings, blueprinting, engineering concepts through detail and assembly drawings as well as, a section on CAD familiarization, plumbing and electrical designs.

The chief emphasis of this course is to: (1) extend the students skills in drafting; (2) develop knowledge of drafting engineering and the importance of communication between the design concepts and the actual fabrication of the part.

***All students will participate in MITES.**

VPAA credit & 4th year Math credit in Senior Year

5220 MECHANICAL ENGINEERING

10 - 12 SEM/YEAR-LONG .5/1 credit

Prerequisite ~ Intro to Eng & Design

Mechanical Engineering is designed for the individual planning to further develop their skills in the field of drafting, technical training, engineering, or CAD (computer aided drafting). This course covers the major areas needed to explore design layout using developments and intersections, descriptive geometry, gear development, detail and assembly drawings, blueprinting, engineering concepts through detail and assembly drawings as well as, a section on CAD familiarization, plumbing and electrical designs.

The chief emphasis of this course is to: (1) extend the students skills in drafting; (2) develop knowledge of drafting engineering and the importance of communication between the design concepts and the actual fabrication of the part.

***All students will participate in MITES.**

VPAA credit OR

Eligible for 4th year Math credit if taken in Senior Year

5230 ARCHITECTURE & DESIGN

10 - 12 SEM/YEAR-LONG .5/1 credit

Prerequisite ~ Intro to Eng & Design

Architectural Drafting and Design is a beginning course that covers the principles and practices related to both residential and commercial architectural drafting. This course will cover a variety of subjects including: the design process, area planning, architectural plans, supporting materials, reference materials and basic home construction. Since communication in the field of architectural drafting and design largely depends on understanding the vocabulary of architecture, new terms, abbreviations and symbols are defined early and re-appear frequently throughout the various units. Each student will design their own home or business and create an entire set of architectural plans which include floor plans, wall sections, elevations, interior elevation, electrical plans, door and room schedules, plot plans and price estimations.

***All students will participate in MITES.**

VPAA credit OR

Eligible for 4th year Math credit if taken in Senior Year

CONSTRUCTION

5530 CONSTRUCTION TRADES I

10-12 YEAR-LONG 1 credit

Construction Trades is introductory in nature and covers many facets of the construction industry including: architecture, model building, tool safety, rough framing, residential wiring, plumbing, masonry work, concrete/foundations and finish work. The majority of the course will take place in the construction lab. Lecture, book work and research will also be included. Students will complete projects in estimating, scheduling and project management. After completion of the course, students will be competent in many areas of the construction industry and prepared for advanced construction trades courses.

***All students will participate in MITES.**

VPAA credit & 4th year Math credit in Senior Year

5540 CONSTRUCTION TRADES II

11-12 YEAR-LONG 1 credit

Prerequisite ~ Construction Trades I

Students will complete more in-depth projects that build off the principles learned in Construction Trades 1 including advanced rough framing, trusses, sub floors, roofing, surveying, project estimating, advanced plumbing, window/ door installation. A portion of the

class will allow students to use a computer aided design program where students will design their own structure. Students will complete larger projects including sheds, decks, and pole buildings. The course will also cover material on specific green products used in the construction industry.

***All students will participate in MITES.**

VPAA credit & 4th year Math credit in Senior Year

Construction Trades I & II can be taken for algebra II credit

5120 WOODWORKING TECHNOLOGY - I

9 - 12 YEAR-LONG 1 credit

Woodworking Technology 1 covers the many facets of the woodworking / carpentry industry including structural design and building; study of wood joinery, joint construction, machine operations, hand tool operations, use of fasteners, laminates, stains, and cabinet hardware. The majority of the class will take place in the lab working toward the completion of project builds. The course is designed to cover two years.

***All students will participate in MITES.**

VPAA credit & 4th year Math credit in Senior Year

5130 WOODWORKING TECHNOLOGY - II

10 - 12 YEAR-LONG 1 credit

Prerequisite ~ Woodworking Technology I

Woodworking Technology 2 builds upon the skills learned in Woodworking 1 and allows the student the opportunity to produce such products as: chest of drawers, writing desk, gun cabinets, hutches, end tables, nightstands, entertainment centers, bookcases, tables, kitchen cabinets, cedar chests and podiums. A charge for all material will be made for those projects constructed for use at the student's home. There will be no charge for projects built for the school or class by the students.

***All students will participate in MITES.**

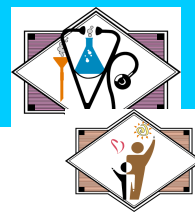
VPAA credit & 4th year Math credit in Senior Year

MITES

MITES is the **Michigan Industrial Technology Education Society**. It holds an annual regional and state project competition and show. Being involved requires no cost to the student, but will give you a good opportunity to represent yourself and your school. The MITES organization also offers scholarship opportunities and possible job opportunities as well.

Students in MOST Industrial Technology classes will be expected to participate in the MITES competition.

**HEALTH SCIENCES
CAREER PATHWAY**
and



HUMAN SERVICES CAREER PATHWAY

FAMILY & CONSUMER SCIENCES

7350 LINK

10-12 YEAR-LONG 1 credit

Prerequisite: All LINK students must participate in the Peer to Peer Support training provided by the LINKs teachers after school. This training is offered once during the first YEAR-LONG and once during the second YEAR-LONG.

The LINK program focuses on creating positive interactions between students with and without disabilities. Over the course of the YEAR-LONG, students will have opportunities to develop leadership skills, problem solving skills, and increase their diversity awareness. The LINK student will be a mentor, role model, and a friend to a student with autism spectrum disorder (ASD) or other disabilities. The LINK student will be with her/his assigned student one class period per day and will receive one course credit based on performance in several areas. You will be responsible for blending in and looking like a member of that class and do not receive credit for the class you are LINKED with. LINKs are not to be working on homework from other classes and will contribute ideas on how to effectively ensure the success and progress of the assigned student. Students will meet twice weekly during their lunch period for specific Links instruction and are expected to participate in events connected with Links/Peer 2 Peer. LINK students must complete the Peer to Peer training and have a permission slip on file prior to taking this course. Times and dates for the training will be announced at the beginning of first YEAR-LONG and again at the end of second YEAR-LONG.

PHYSICAL EDUCATION

8630 LIFETIME GAMES AND ACTIVITIES

10 - 12 SEMESTER/YEAR-LONG .5/1 credit

Prerequisite ~ P.E./Health with a "B" or better OR approval of the instructor.

Students in this course will be advised and introduced to a wide variety of lifetime games and activities that are not common or mainstream in nature that a wide variety of students would normally not be subjected to. All students will be guided in fundamental to Advanced Skills, knowledge of strategies & tactics, along with decision making skills for each unit! All units will be structured to be competitive and allow the student to take part in them outside of class for years to come. There will also be a heavy emphasis throughout each unit on communication and problem solving skills within the game or activity with your teammate or opponents. Indoor and outdoor lifetime games and activities will be

utilized and units may vary depending on the YEAR-LONG. The deciding factor in your grade each day involves following expectations & rules, your effort & participation, focus and attitude on a daily basis.

Daily preparation for class with appropriate Physical Education clothes. If you miss a day in Physical Education for ANY reason including a doctor's note, you must make that day up. **If TOTAL DAYS ABSENT MEET or EXCEED 25% of the total days in the quarter you will drop 1 full Letter grade.**

8640 STRENGTH AND SPEED TRAINING

10 - 12 SEMESTER/YEAR-LONG .5/1 credit

Prerequisite ~ P.E./Health with a "B" or better OR approval of the instructor.

Students in this course will be immersed in a total Strength and Speed Training program. Students will be subjected to a Strength Component & Speed Training Component broken down into a 5 day periodization schedule. All students will trained as if they are on an athletic team and will be instructed on Sprinting, Team breathing, Reflexive Performance Reset, Flexibility & Mobility, Ankle Training, Plyometrics and Jump Training. The goals of this course are to become a better athlete, develop lifelong and proficient performers, building balanced and efficient movers, establish competitive and maintain positive environment to grow while enhancing your identity, approach each day with highest level of energy and effort, Be Challenged Physically, Mentally, Socially and Emotionally each day and Add Character & Culture to yourself and the program every day. Students will be expected to build a measurable amount of strength and increase aerobic capacity. Grading is objective based and increased productivity is expected. This course is processed based and will be graded on the student's Pre-Assessment numbers versus Post-Assessment numbers in Strength and Speed assessment. Be ready to get after it every day and take the opportunity to improve yourself on a daily basis!

8650 BODY TONING

10 - 12 Semester

1 credit

Prerequisite ~P.E./Health with a "B" or better OR instructor approval.

This course is designed for students who would like to get in shape and improve their cardiovascular endurance and muscular strength. Grading is based on participation and effort.

NATURAL RESOURCES & AGRI-SCIENCE CAREER PATHWAY



MECHANICS

7550 AG. MECHANICS

9 - 12 SEMESTER .5 credit

This course will start off by furthering your FFA knowledge and increasing the many opportunities it has to offer. This course will focus on the many areas of mechanics that are needed in the field of Agriculture and Natural Resources. Areas to be covered could include, electrical wiring, basic plumbing, basic welding, barn construction and layout, basic small engines, concrete work, alternative fuels, service of power equipment, hydraulic, pneumatic, basic engine fluids, ventilation for livestock facilities and of course shop safety will be taught and stressed to students in each area. By being in Ag Mechanics, all students are members of the Corunna FFA Chapter. FFA activities and teaching units are integrated into all levels of the agriculture classes offered through the high school. Through the FFA, students have the opportunity to compete in State Leadership and Skills Contests, personal projects, community service activities, and field trips. See FFA section for more details.

**All students are members of the local FFA Chapter.
See FFA section for more details.**

AGRI-SCIENCE

7510 ZOOLOGY

9 - 10 YEAR-LONG 1 credit

Zoology is a course for both young men and women who have an interest in the broad field of agriculture. It will help student develop skills, experiences and interests needed to enter the agriculture workforce. Students will learn through classroom instruction and many "hands-on" activities, including raising pigs born at the Ag barn, testing water quality of the Shiawassee River and our containment pond, balancing feed rations for animals, tractor driving safety training and more. By being in Zoology, students are a member of the Corunna FFA Chapter. FFA activities and teaching units are integrated into all levels of the agriculture classes offered through the high school. Through the FFA, students have the opportunity to compete in State Leadership and Skills Contests, personal projects, community service activities, and field trips. Zoology not only provides hands-on biology applications but also skills in production agriculture, and opportunities in agriculture research, veterinary medicine, water quality and more. Online experiences will be utilizing record keeping tools and filling out forms for state FFA awards, research projects and reports. See FFA section for more details.

**ALL Students are members of the local FFA chapter.
See FFA section for more details.**

**BY COMPLETING BOTH ZOOLOGY & BOTANY,
STUDENTS FULFILL THE LIFE SCIENCE REQUIREMENT
FOR GRADUATION.**

7520 BOTANY

10 - 12 YEAR-LONG 1 credit

Prerequisite ~ Zoology or approval of the instructor

The goal of this course is to continue your involvement and knowledge of the FFA as well as tie in many units and career opportunities available in Agriculture and Natural Resources. As part of this course you will be involved in raising broiler chickens for the Michigan FFA Poultry Improvement Contest. This course will also focus on different aspects of plants and soils. Topics include: Soils: how to take samples, how to judge soils, and how to manage and identify soils; Fertilizer: How to read soil tests, how to make fertilizer recommendations; Plant Science: How to care for field crops, basic plant body structure, seed care and planting; in addition to other natural resource and ag-science related topics. By being in Botany, students are a member of the Corunna FFA Chapter. FFA activities and teaching units are integrated into all levels of the agriculture classes offered through the high school. Through the FFA, students have the opportunity to compete in State Leadership and Skills Contests, personal projects, community service activities, and field trips. Botany not only provides hands-on biology applications but also additional skills in production agriculture, and opportunities in agriculture research, plant and soil science, natural resources and more. Online experiences will be utilizing record keeping tools and filling out forms for state FFA awards, research projects and reports. See FFA section for more details. **BY COMPLETING BOTH ZOOLOGY & BOTANY, STUDENTS FULFILL THE BIOLOGY REQUIREMENT FOR GRADUATION.**

**ALL Students are members of the local FFA chapter.
See FFA section for more details.**

**BY COMPLETING BOTH ZOOLOGY & BOTANY,
STUDENTS FULFILL THE LIFE SCIENCE REQUIREMENT
AND AN ADDITIONAL SCIENCE CREDIT FOR
GRADUATION.**

7530 ADVANCED ANIMAL SCIENCE

11 - 12 YEAR-LONG 1 credit

Prerequisite ~ Zoology and Botany

(Taught on Even Years. Example: 2021-2022)

This course will start off by furthering your FFA knowledge and increasing the many opportunities it has to offer. In addition, the goal of this course is to cover a combination of Agri-Business Management and more in-depth Animal Science topics. As part of the course you will get the opportunity to market grains, which have been raised at our school land lab. Other topics include animal genetics and nutrition (the principles of plant and animal reproduction, genetic engineering, bio-genetics, and how new and improved plants and animals are benefiting today's agriculture), meat science (judging of live and hanging carcasses, marketing, and wholesale and retail processing), agricultural careers (how to build a resume, agricultural career clusters, and furthering your educational development plan), aquaponics (constructing tanks and raising tilapia fish), etc. Many of you will also have several opportunities to work with machinery and equipment on the school farm during harvesting and

planting times. By being in Agri-science III-IV, students are a member of the Corunna FFA Chapter. FFA activities and teaching units are integrated into all levels of the agriculture classes offered through the high school. Through the FFA, students have the opportunity to compete in State Leadership and Skills Contests, personal projects, community service activities, and field trips. Agri-science III-IV not only provides hands-on biology applications but also additional skills in production agriculture, and opportunities in agriculture research, more in-depth in animal production and more. Online experiences will be utilizing record keeping tools and filling out forms for state FFA awards, research projects and reports. See FFA section for more details.

**ALL Students are members of the local FFA chapter.
See FFA section for more details.**

Eligible for 4th year Math credit if taken in Senior Year

7540 ADVANCED PLANT SCIENCE

12 YEAR-LONG 1 credit

Prerequisite ~ Zoology and Botany

(Taught on odd Years. Example: 2022-2023)

This course will start off by furthering your FFA knowledge and increasing the many opportunities it has to offer. In addition, the goal of this course is to cover a combination of Ag Marketing and more in-depth Plant Science topics. Major areas of study will include: hydroponics (designing and growing plants in your own soil-free system), Ag marketing (students will deal with proper use and sources of credit, figuring inventories, depreciation schedules, income taxes, rent, insurance needs and how to figure, use and understand markets), Pests and Weed Control (identification and weed control, insect damage, pesticide safety, fungus and other pests), and some Ag Mechanics (setting-up, adjusting maintaining, and operating farm machinery). Students will take possession of and market all the grain harvested from the FFA school farm. By being in Agri-science III-IV, students are a member of the Corunna FFA Chapter. FFA activities and teaching units are integrated into all levels of the agriculture classes offered through the high school. Through the FFA, students have the opportunity to compete in State Leadership and Skills Contests, personal projects, community service activities, and field trips. Agri-science III-IV not only provides hands-on biology applications but also additional skills in production agriculture, and opportunities in agriculture research, more in-depth in plant production and more. Online experiences will be utilizing record keeping tools and filling out forms for state FFA awards, research projects and reports. See FFA section for more details.

**ALL Students are members of the local FFA chapter.
See FFA section for more details.**

Eligible for 4th year Math credit if taken in Senior Year

7560 GREENHOUSE MGT. & LANDSCAPING

9 - 12 SEMESTER .5 credit

This course will start off by furthering your FFA knowledge and increasing the many opportunities it has

to offer. This course includes instruction on a variety of topics such as plant classification, cell structure, cell parts and functions, cell processes, plant nutrition and pests as well as fertilizer and pesticide applications. In addition, students will learn about basic greenhouse safety, as a lot of the activities in the course will be conducted in the greenhouse to give students a better understanding of the industry. Also, students will spend time learning the principles and theories of landscape design and will learn how to design their own greenhouse. Students are required to create blueprints of various landscapes and develop them around the community and will raise and sell plants grown from our greenhouse. By being in Greenhouse Management and Landscaping, all students are members of the Corunna FFA Chapter. FFA activities and teaching units are integrated into all levels of the agriculture classes offered through the high school. Through the FFA, students have the opportunity to compete in State Leadership and Skills Contests, personal projects, community service activities, and field trips. See FFA section for more details.

**All students are members of the local FFA Chapter.
See FFA section for more details.**

7570 FOODSTUFF (Food Science: Turning Unfounded Fears to Facts)

11 - 12 YEAR-LONG 1 credit

Prerequisite ~ 2 science credits

Have you ever wondered what goes into a food label? Not just the typical "percent fat" or "percent protein" labels. The "GMO Free", "Gluten Free", "Hormone Free" labels. Have you ever wondered what those statements even mean? And why and how companies use those fancy labels to get you to buy their product over other similar products? Then FoodSTUFF is the course for you! In this class, we will talk about those label types from a scientific perspective: what actually is gluten, hormones, and GMO's? What does it mean to have food be raised organically versus conventionally? These are the types of questions we will tackle in the course. In addition, we will also discuss how and why companies label things the way they do too, by talking about "Fear Based Marketing" strategies. We will also cover the basics about food safety: how long do you have to grill that steak to eat it safely when you like it rare, or medium rare? What is cross contamination? How long do you really have to scrub your hands to be clean after handling raw meat? Also, we will cover job opportunities in the food science industry, among other topics of discussion related to food science.

This course is an elective agriscience class that can also serve as a general science elective credit. By being in the FoodSTUFF course, all students are **dues** paying members of the Corunna FFA Chapter. FFA activities and teaching units are integrated into all levels of the agriculture classes offered through the high school. Through the FFA, students have the opportunity to compete in State Leadership and Skills Contests, personal projects, community service activities, and field

trips. See FFA section for more details. Once again, this class could serve as an elective agriculture class as well as a third-year general science elective course. Regardless, the student a junior or senior, and would be a due paying member of the FFA if they are enrolled.

**All students are members of the local FFA Chapter.
See FFA section for more details.**

7575 AGRICULTURAL LEADERSHIP

10 - 12 2nd Semester .5 credit

This course will start off by continuing your FFA interests and the many opportunities it has to offer. **All students are members of the FFA** where they will take part in chapter activities such as working on the FFA land lab, FFA community service projects, and **they must take part in leadership and skills contests**. Other programs students can work with include animal production, local fairs, pheasants, crop production, and agri-business.

Students will understand, evaluate and apply different leadership and communication skills. Students will comprehend the importance of leadership and communication in the agriculture industry. Students will develop skills for public speaking, problem solving, creating portfolios, and will be able to demonstrate and utilize various ways of leadership and teamwork. On-line experiences will be record keeping forms for state FFA awards, research projects, WebQuests, and reports.

FFA

The FFA is a very important part of all levels of courses offered through the Agri-Science program. Being a member will open many doors of unique opportunities for each member. Chapter members are involved in all aspects of hands-on units like swine farrowing, broiler projects and tilapia. Some students can take advantage of our co-op program, and raise livestock projects using the Corunna FFA facilities. Interested members can help operate our 28-acre school farm. Plants can be grown using the greenhouse facility. There are additional opportunities to serve on leadership and skills competition teams, as well as various judging teams at local, regional, state and national levels. Members can further develop leadership skills by serving as Junior and Chapter FFA officers. Members travel yearly to the State FFA Convention in the spring in East Lansing and the National FFA Convention in the fall in Indianapolis, Indiana. Dues are required for membership in FFA and are the responsibility of the student and the parents.

SPECIAL EDUCATION COURSE DESCRIPTIONS

Students with disabilities are encouraged to enroll in academic courses in general education to the greatest extent possible, utilizing the assistance provided by special education teachers collaboratively teaching in those classrooms. When those classes are not appropriate, the following classes are available. Students taking these

courses must have an IEP in place indicating that instruction is required in a special education setting.

9171 ENGLISH PREP – B

9-12 YEAR-LONG 1 credit

Through the use of a wide range of texts potentially including, but not limited to, poetry, short stories, newspaper and magazine articles, journals, pamphlets, novels, and electronic texts, students will engage in explicit practice of comprehension strategies. In addition, students will examine models of proficient achievement through model texts in order to gain a deeper understanding of the success criteria across multiple genres. Students will use this knowledge, along with explicit instruction provided by the teacher, to improve their writing and discussion skills. The greatest emphasis will be on opinion writing (which includes many of the elements of informational writing and often some elements of narrative writing) and writing and discussing to a prompt.

9160 LITERACY – B

9 - 12 YEAR-LONG 1 credit

Literacy encompasses the study of both Reading and Writing. Word attack skills, vocabulary development, reading fluency, and comprehension are taught. Instruction on improving specific reading comprehension skills will be practiced daily. Spelling and writing are integrated into the reading program. Students will practice writing through a Writer's Workshop utilizing thematic units with various genre including on-line reading and writing.

9230 FUNCTIONAL MATH – B

9 – 12 YEAR-LONG 1 credit

Functional Math is a Special Education math class with an emphasis on applying arithmetic skills to real life situations. Appropriate grade level story problems are completed daily. These story problems include concepts of time, measurement, graphing, and fractions, as well as basic arithmetic skills of addition, subtraction, multiplication, and division are introduced when appropriate. Basic concepts of fractions, decimals, and percents are introduced also introduced when appropriate.

9210 PRE-ALGEBRA B

9 - 10 YEAR-LONG 1 credit

Pre-Algebra B is a class designed to prepare students for Algebra 1. Emphasis is placed on ensuring students have solid arithmetic skills. Place value and operations (adding, subtracting, multiplying and dividing) on whole numbers are reviewed. Integers and basic algebra concepts are introduced.

ALGEBRA I B

9 - 12 YEAR-LONG 1 credit

In Algebra 1, students will develop habits of mind to become a mathematical thinker as well as be able to problem solve in order to develop a rich understanding of real-world mathematical dilemmas. This class will focus

on solving equations, graphing, functions, exponents, radicals, polynomials and quadratic functions.

GEOMETRY B

10 - 12 YEAR-LONG 1 credit

This course builds on the information learned in Algebra 1b. Concepts of length, area, volume and symmetry create the building blocks of Geometry. An analysis of polygonal figures including similarity and scaling lays the foundation for right angle trigonometry. Standard principles of congruence and triangulation of polygons are developed and employed in innovative ways to make clear their applicability to real world problems. The role of circles in the world is explored. Geometry B expands two-dimensional ideas to three-dimensional shapes. A minimum of 60% of the High School Content Expectations for Geometry will be covered.

9200 ALGEBRA II B

11 - 12 YEAR-LONG 1 credit

Students build on skills learned in Algebra I and Geometry. Students use problem solving skills to develop a rich understanding of real-world mathematical dilemmas. "Habits of mind" are developed that allow for the development and communication of mathematical concepts. Topics covered are: solving systems of equations, matrices, exponential equations, logarithms, and functions. A minimum of 60% of the High School Content Expectations for Algebra II are covered in this class.

9371 APPLIED ACADEMIC AND POST SECONDARY SKILLS (AAPSS)

9-12 YEAR-LONG 1 credit

The special education staff will work in conjunction with school and community organizations and agencies to provide students opportunities to apply their academic skills in the areas of training, education, employment, and independent living. Through the use of volunteering, exploring community resources, guest speakers, and applied academics, this course will meet the unique needs and goals of the enrolled students as identified in their individualized education plans.

9440 IVT~INDIVIDUAL VOCATIONAL TRAINING -B

11 - 12 YEAR-LONG 1-3 credits

Prerequisite: A recognized transition goal/services on the IEPT.

Individual Vocational Training is an On-The-Job training completed prior to a work-study placement. This opportunity is for, and limited to, students who have an IEP. This experience will help prepare a student for his or her Work Study placement or allow a student to explore other career options. The student will receive evaluations of their work while working under the direction of a supervisor.

9450 WORK STUDY - B

12 YEAR-LONG 1-3 credits

Prerequisite: A recognized transition goal/services on the IEPT.

Work Study is an On-The-Job Training experience with related counseling and follow-up services. It is for, and limited to, students who have an IEP. Students may work up to 20 hours per week during the school year. For successful work experience, a minimum of 120 hours is recommended (1 credit). Employers, using a progress report each marking period, evaluate students. Grades are assigned. Students are required to complete accurate timecards.

SPECIAL PROGRAMS

8681 WORK BASED LEARNING

11 - 12 SEMESTER/YEAR-LONG 1-2 credits

Prerequisite—Application and approval process.

Work Based Learning/Cooperative Education (Co-op) is a program which provides students with the opportunity to experience the realities of the working environment as well as explore areas of career interest. Students who participate in this program spend a portion of their school day in an approved workplace training situation under the direct supervision of a work site supervisor.

7331 MATH MENTOR-INDEPENDENT STUDIES

11 - 12 SEMESTER/YEAR-LONG.5/1 credit

Prerequisite—Math Department recommendation

The purpose of this course is to improve students' overall mathematical comprehension and achievement. Also, the course is designed to increase students' mentorship and leadership skills and offer greater opportunities for students to use, practice, and refine their mentor/leadership skills at Corunna High School.

9500 INDEPENDENT STUDY

11 - 12 SEMESTER/YEAR-LONG.5/1 credit

Prerequisite—Approval of principal and teacher.

Fulfill the requirements below.

Independent Study is potentially available in all subject areas. It is intended to provide students with an opportunity to explore subject area material that is not included in the regular curriculum. However, before a student could be considered as a candidate for Independent Study several conditions must be met:

1. The student must already have demonstrated outstanding potential in the subject area.
2. The student must initiate contact with a teacher willing to mentor, supervise and grade the Independent Study.
3. The student, with assistance from the teacher, must develop an outline for the course-of-study for the Independent Study that will be kept on file in the guidance office.
4. This course-of-study must include an 18 week plan: 3-6 unit plans, including "big questions" to be answered, benchmarks addressed and assessments to be used.

The application deadlines are May 31 for first semester and December 1 for second semester.

9000 DIRECTED STUDY

9-12 SEMESTER/YEAR-LONG

Topics in this course include: Organizational skills, how to study, note taking, how to take a test, memory improvement, listening skills, applied reading skills, library research, thinking and reasoning skills and development, and career exploration. This course requires principal approval.

7321 CAREER EXPLORATION

11-12 SEMESTER/YEAR-LONG

This course is designed help students transition to their chosen direction after high school. The skills developed and gained in this course are imperative to ensure students have a clear understanding of how to succeed and thrive in college, at work, or both. Students will engage in a work experience/ internship to assist in developing interpersonal and employability skills. This internship will be concurrent with the student developing and showcasing reading, writing, listening, and speaking skills.

INNOVATIONS ACADEMY OF LEARNING

11-12 YEAR-ROUND

A year-round program for students age 16 or older who are at risk of dropping out of high school. Students take seven classes per semester in an effort to recover their lost credits and graduate on time. Students must maintain a minimum of 12 hours per week working online and, if required, an individually assigned number of in seat hours (based on the number of credits they've earned so far). An individualized graduation plan is developed with the student so that they know what they need to do to graduate. Please use the link below for the Edgenuity Course Guide.

[Edgenuity Course Guide](#)

DUAL ENROLLMENT

For Information on Dual Enrollment opportunities, please see a guidance counselor.

ALTERNATIVE ROUTES TO EARNING CREDIT

SUMMER SCHOOL

Summer school is a program that allows a student to "make up" a failing grade during the summer. ~~This generally allows a student to progress to the next level in that subject area without an interruption. Classes offered~~

~~are usually basics such as English, math, and computers. Summer school programs are usually available in Corunna, Owosso, and Durand and while fees vary greatly between school systems, you can expect a minimum charge of at least \$125.00 per half credit. More information is available in the Guidance Office.~~

~~**Advance Counselor approval is required.**~~

CREDIT RECOVERY PROGRAM

~~Corunna High School offers credit recovery after school classes.~~

~~**PLACE:** Corunna High School~~

~~**TIME:** up to 4 days per week from 2:35-4:00 P.M.~~

~~**All school rules apply and students not in compliance will be dropped from the class.**~~

~~**If a student is dropped due to misconduct there will be no refund.**~~

~~It is imperative that students are in attendance at class and on time every week. If the student misses two class periods, regardless of the circumstances, credit will not be received for the class.~~

CORUNNA HIGH SCHOOL GRADING SYSTEM

GRADE POINT AVERAGE (G.P.A.)

GPA is based on all subjects that receive grades "A" through "F". (See table below for point values). All "CLASSROOM SUBJECTS" will be in this category. Other types of activities such as Work Based Learning, Dual Enrollment and Credit Recovery classes will be marked "P" (pass) or "F" (fail). A "P" receives ½ credit, which is not computed in the GPA. An "F" does not receive credit and is computed in the GPA.

The following scale is used to compute the grade point average.

A = 4.0	B+ = 3.3	C+ = 2.3	D+ = 1.3	F = 0
A- = 3.7	B = 3.0	C = 2.0	D = 1.0	
	B- = 2.7	C- = 1.7	D- = .7	

All grades from classes with an "AP" designation that are taught in a regular class setting will be weighted on a 5.0 scale as follows:

A = 5.0	B+ = 4.3	C+ = 3.3	D+ = 2.3	F = 0
A- = 4.7	B = 4.0	C = 3.0	D = 2.0	
	B- = 3.7	C- = 2.7	D- = 1.7	

P=(Pass) credit is earned, does not affect GPA

NC=(No Credit) no credit is earned, does not affect GPA

W=(Withdraw) no credit is earned, does not affect GPA.

I=(Incomplete) no credit is earned, does not affect GPA.

NOTE: Students receiving an "I" are responsible for making arrangements with the teacher to complete the required work within a reasonable time agreed upon by the student and the teacher.

CLASS RANK

Class rank is based on cumulative GPA and is recalculated every semester. Official rank for the graduating senior class is established at the end of the first semester.

GRIEVANCE PROCEDURES
FOR
TITLE VI OF THE CIVIL RIGHTS ACT OF 1964
TITLE IX OF THE EDUCATION AMENDMENT ACT OF 1972
SECTION 504 OF THE REHABILITATION ACT OF 1973
AGE DISCRIMINATION ACT OF 1975
TITLE II OF THE AMERICANS WITH DISABILITY ACT OF 1990

SECTION 1

Any person believing that the Corunna Public School District or any part of the school organization has discriminated against him/her on the basis of race, color, national origin, gender, age, disability, height, weight, religion, or marital status (*i.e.* has inadequately applied the principles and/or regulations of (1) Title VI of the Civil Rights Act of 1964, (2) Title IX of the Education Amendment Act of 1972, (3) Section 504 of the Rehabilitation Act of 1973, (4) the Age Discrimination Act of 1975, and (5) Title II of the Americans with Disability Act of 1990) may bring forward a complaint, which shall be referred to as a grievance, by way of the policy recommended in Section II below.

The Corunna Public School District Civil Rights Coordinator can be contacted directly at the following address and phone number:

Superintendent John Fattal
124 N. Shiawassee St.
Corunna, MI 48817
(989) 743-6338

SECTION II

The person who believes a valid basis for grievance exists shall discuss the grievance informally and on a verbal basis with the appropriate building administrator or department supervisor (the person responsible for the building/department in which the alleged infraction occurred), who shall in turn investigate the complaint and reply with his/her findings within three (3) business days. If the complainant is not comfortable bringing the grievance to the appropriate administrator/supervisor, he/she is welcome to present the grievance to another administrator/supervisor.

If the complainant feels the grievance is not satisfactorily resolved, he/she may initiate formal procedures according the following steps.

Step 1

A written statement of the grievance signed by the complainant shall be submitted to the appropriate building administrator or department supervisor within five (5) business days of receipt of answers to the informal complaint. The administrator/supervisor shall further investigate the matters of grievance and reply in writing to the complainant within five (5) business days.

Step 2

A complainant wishing to appeal the decision of the building administrator/department supervisor may submit a signed statement of appeal to the Civil Rights Coordinator (Superintendent) within five (5) business days after receipt of the administrator/supervisor's written response. The Superintendent shall meet with all parties involved, formulate a conclusion, and respond in writing to the complainant within ten (10) business days. If the Superintendent is named in the grievance, he will refer the grievance to the Curriculum Director or a building administrator for investigation.

Step 3

If unsatisfied, the complainant may appeal though a signed, written statement of the Board of Education within five (5) business days of receiving the Superintendent's response in Step 2. In an attempt to resolve the grievance, the Board of Education shall meet with the concerned parties and their representative within forty (40) days of the receipt of such an appeal. A copy of the Board's disposition of the appeal shall be sent to each concerned party within ten (10) days of this meeting.

Anyone, at any time, may contact the U.S. Department of Education/Office for Civil Rights for information and/or assistance at 216/522-4970. If the grievance has not been satisfactorily settled, further appeal may be made to the Regional U.S. Department of Education Office for Civil Rights, 600 Superior Avenue East, Bank One Center, Suite 750, Cleveland, OH 44114-2611.

Inquiries concerning the nondiscriminatory policy may be directed to Director, Office for Civil Rights, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202.

The local Coordinator, on request, will provide the complainant with a copy of the district's grievance procedure and investigate all complaints in accordance with this procedure.

A copy of each of the Acts and the regulations on which this notice is based may be found in the Civil Rights Coordinator's Office.

