# The Deer Creek-Mackinaw High School 

Course Description Guide

2021-2022


## Contents

Promotion Guidelines ..... 5
Graduation Requirements ..... 5
Honors Courses ..... 5
College Bound Requirements ..... 6
English ..... 7
Applied English 9 ..... 8
English 9 ..... 8
Applied English 10 ..... 9
English 10 ..... 9
Applied English 11 ..... 10
English 11 ..... 10
English 12 ..... 11
Advanced Placement (AP) Language and Composition* ..... 11
Elements of Communication ..... 12
Modern Literature ..... 12
Mathematics ..... 13
Math I ..... 14
Math II ..... 14
Math III ..... 15
Trigonometry ..... 15
Statistics ..... 15
Quantitative Literacy/Statistics ..... 16
Advanced Placement (AP) Calculus AB* ..... 16
Science ..... 17-18
Science Flow Chart ..... 19
Life Science ..... 20
Biology 1 ..... 20
General Science ..... 21
Chemistry 1 ..... 21
Environmental Science ..... 22
Biology 2 ..... 22
Advanced Placement (AP) Biology* ..... 23
Chemistry 2* ..... 23
Physics* ..... 24
Social Studies ..... 25
World History ..... 25
Geography ..... 26
Civics ..... 26
Early American History ..... 27
Modern U.S. History ..... 27
Human Behavior ..... 28
Sociology ..... 28
Contemporary Issues ..... 29
Foreign Language ..... 30
Spanish 1 ..... 31
Spanish 2 ..... 32
Enriched Spanish 3* ..... 32
Spanish 4* ..... 32
Fine Arts ..... 33-34
Band ..... 34
Chorus ..... 35
Art Curriculum Flow Chart ..... 36
Introduction to Visual Art ..... 37
Intermediate Art: 2D Focus ..... 37
Intermediate Art: 3D Focus ..... 38
Intermediate Art: Digital Focus ..... 38
Advanced Art: Drawing ..... 39
Advanced Art: Painting ..... 39
Advanced Art: Ceramics \& Crafting ..... 40
Advanced Art: Sculpture ..... 40
Advanced Art: Digital Photography ..... 41
Advanced Art: Digital Video ..... 41
Portfolio Art ..... 42
Media Production/Yearbook ..... 42
Physical/Health/Safety ..... 43
Health ..... 44
Physical Education (PE) ..... 44
Athletic Physical Education ..... 45
Drivers Education ..... 46
Family \& Consumer Science Courses ..... 47
Foods \& Nutrition 1 ..... 48
Foods \& Nutrition 2 ..... 48
Foods 3 - Culinary Occupations ..... 49
Child Development ..... 49
Parenting ..... 50
Child Care 1 ..... 50
Child Care 2 ..... 51
Resource Management ..... 51
Industrial Technology Courses ..... 52
Introduction to Drafting ..... 53
Introduction to Woods/Metals ..... 53
General Metals/Welding ..... 54
Machine Woodworking ..... 54
Mechanical Drafting ..... 55
Architectural Drafting ..... 55
Advanced Metals ..... 55
Advanced Shop Technology ..... 56
Computer Aided Design and Drafting ..... 56
Special Education Classes ..... 56
Business Courses ..... 57
Careers \& Digital Literacy ..... 58
Computer Concepts 1 ..... 58
Computer Concepts 2 ..... 59
Business Ventures ..... 59
Multimedia Applications 1 (Web Design) ..... 60
Multimedia Applications 2 ..... 60
AP Computer Science* ..... 60
Accounting ..... 61
Interrelated Cooperative Education Class ..... 61
Interrelated Cooperative Education Work ..... 62
Office Assistant ..... 63
Study Hall ..... 63
ICC Dual-Credit ..... 64
ICC Dual-Credit English 110 ..... 65
ICC Dual-Credit English 111 ..... 65
ICC Dual-Credit Intro to Psychology ..... 65
ICC Dual-Credit Intro to Sociology ..... 66
Work-Based Learning ..... 67
Certified Nurse Assistant (CNA) ..... 67
Construction ..... 68
Emergency Medical Services (EMS) ..... 68
Production Welder Certificate ..... 69
Welding Operator Certificate ..... 69
Electives ..... 70
Elective Classes List ..... 71-73
Registration Forms ..... 74-80
Registration Agreement From ..... 81-82

## Class Merit Status

All students will need 26 credits for graduation. 1 Semester $=0.5$ credits. You must pass Math and English yearly to progress to the next class status (9, 10, 11, 12th grade).

Graduation Requirements

| Subject | Specific Courses / Notes | Credits |  |  |
| :--- | :--- | :---: | :---: | :---: |
| English | English 9,10,11,12 | 4 |  |  |
| Math | Math I | 1 |  |  |
|  | Math II | 1 |  |  |
|  | Math III | 1 |  |  |
| Science | Choose courses (1 MUST BE A LAB SCIENCE) | 2 |  |  |
| Social Studies | U.S. History | 1 |  |  |
|  | Civics | .5 |  |  |
| Business | Careers \& Digital Literacy <br> Computer Concepts 1 | .5 |  |  |
|  | Resource Management or Interrelated Coop Class | .5 |  |  |
| Physical <br> Education | 8 semesters enrolled @ $1 / 2$ credit per year | 4 |  |  |
| Health | Health | .5 |  |  |
| Fine Arts | Choose from one of the following <br> Art / Music / Foreign Language / Technical Education | 1 |  |  |
| Electives | Choose courses | 8 |  |  |
| TOTAL |  |  |  |  |

## Honors Courses

Honors courses will carry weighted credit for successful completion. For example, an " A " in a class would normally result in four grade points but an " A " in an honors class will result in five grade points. Honors classes may result in the student's grade point average being raised. Failure in an honors class will result in no credit and no grade points. The honors courses are listed below:

- AP English 12
- AP Biology
- Chemistry II
- Physics
- AP Calculus
- Spanish 3

Enriched

- Spanish 4
- Accounting
- AP Computer Science
- All transferable ICC courses


## College Bound Students*

If you plan to attend a 4 year college or university immediately after high school, these institutions have more stringent requirements for admission.

The following is a summary of minimum requirements at various Illinois colleges and universities*:

+ 4 years of English
+3 years of Social Studies-You will need an additional 2 semesters on top of Dee-Mack requirements.
+3 to 3.5 years of Math
(Algebra I (Math I), Algebra II (Math III), Geometry (Math II) and/or Pre-Calculus)
+ 3 years of science
+ 3 lab sciences: physical science, biology, chemistry, anatomy, advanced chemistry, earth science, alternative energy, environmental science or physics.
+2 years of foreign language**or music or art

1. The University of Illinois requires 2 years of the same foreign language
2. No other state university requires a foreign language as an ENTRANCE requirement-the requirement is 2 years of foreign language or fine arts
3. Several colleges have a foreign language GRADUATION requirement which can be met by taking a foreign language in high school
*If you plan to play sports in college, see Mr. Panner about NCAA \& NAIA requirements
**For more information about specific colleges or universities see Mr. Panner.

## English

Graduation Requirement: 4 credits (4 years)
Key: Y Year long
S Semester long course

+ Graduation requirement
* Honors/weighted course

| Course | Prerequisite | Term <br> Length | Grade |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ |
| Applied English 9 + | None | Y | X |  |  |  |
| English 9 + | None | Y | X |  |  |  |
| Applied English 10 + | English 9 | Y |  | X |  |  |
| English 10 + |  <br> Teacher <br> Recommendation | Y |  | X |  |  |
| Applied English 11+ | English 10 | Y |  |  | X |  |
| English 11+ |  <br> Teacher | Y |  |  | X |  |
| English 12 + |  |  |  |  |  |  |
| AP English 12 +* | Recommendation | English 11 | Y |  |  |  |

## Applied English 9

Course \#H1094 Grade $9 \quad 1$ Credit Year Course
PREREQUISITE: None
AIM OF COURSE: To continue knowledge/ability in analytical reading/thinking, writing, and speaking.

COURSE DESCRIPTION: This course focuses on reading, writing, speaking, and listening. The students will develop their skills in literary analysis through short stories, poetry, and novels. Novels will include The Old Man and the Sea, the play Romeo \& Juliet, and The Odyssey, among others. The students will write a substantive research essay using correct MLA citations and various sources. The emphasis of this class will be a foundation in critical thinking, critical reading, analysis, and listening/speaking.

## English 9

Course \#H1091 Grade $9 \quad 1$ Credit Year Course
PREREQUISITE: None
AIM OF COURSE: To expand knowledge/ability in analytical reading/thinking, writing, and speaking.

COURSE DESCRIPTION: This course focuses on reading, writing, speaking, and listening. The students will develop their skills in literary analysis through short stories, poetry, and novels. Novels will include The Old Man and the Sea, the play Romeo \& Juliet, and The Odyssey, among others. The students will write a substantive research essay using correct MLA citations and various sources. The emphasis of this class will be a foundation in critical thinking, critical reading, analysis, and listening/speaking.

## Applied English 10

Course \#H1100 Grade $10 \quad 1$ Credit Year Course

PREREQUISITE: English 9
AIM OF COURSE: To develop skills in grammar, writing, speech, and literature.
COURSE DESCRIPTION: This course is designed to help students improve their communication skills through heavy emphasis in writing, listening, and speaking. The students will prepare and deliver several speeches. The course of study includes common core aligned vocabulary, grammar, journal writing, and weekly nonfiction reading. Novels, short stories, and poetry will be presented during both semesters, as well as outside reading novels and required research papers. Students will study the novels Animal Farm, The Hate U Give, Anthem, and Night, as well as Shakespeare's Julius Caesar and Lorraine Hansberry's A Raisin in the Sun.

## English 10

Course \#H1101 Grade $10 \quad 1$ Credit Year Course

PREREQUISITE: Enriched English 9
AIM OF COURSE: To expand skills in grammar, writing, speech, and literature.
COURSE DESCRIPTION: This course is designed to help students improve their communication skills through heavy emphasis in writing, listening, and speaking. The students will prepare and deliver several speeches. The course of study includes common core aligned vocabulary, grammar, journal writing, and weekly nonfiction reading. Novels, short stories, and poetry will be presented during both semesters, as well as outside reading novels and required research papers. Students will study the novels Animal Farm, The Hate U Give, Anthem, and Night, as well as Shakespeare's Julius Caesar and Lorraine Hansberry's A Raisin in the Sun. There is a focus on enrichment activities in this course, and the pacing, rigor, and variety of some elements will differ from the Eng 10 course.

## Applied English 11

Course \#H1110 Grade $11 \quad 1$ Credit Year Course
PREREQUISITE: English 9 \& 10
AIM OF COURSE: To continue the development of fundamental skills in grammar, writing, listening, reading, and vocabulary with a focus on American literature.

COURSE DESCRIPTION: This course is the study of American literature and will focus on fundamental skills relating to the English classroom. These skills will be related to analytical reading, research writing, application of new and challenging vocabulary, modern fiction and nonfiction, essay writing, poetry, and drama.

## English 11

Course \#H1111 Grade $11 \quad 1$ Credit Year Course
PREREQUISITE: Enriched English 9 \& 10
AIM OF COURSE: To continue the development of advanced skills in grammar, writing, listening, reading, and vocabulary with a focus on American literature.

COURSE DESCRIPTION: This course is an advanced study of American literature and will include the development of many rigorous skills that relate to analytical reading, research writing, application of new and challenging vocabulary, modern fiction and nonfiction, essay writing, poetry, and drama.

## English 12

Course \#H1120 Grade $12 \quad 1$ Credit Year Course

PREREQUISITE: Three years of English
AIM OF COURSE: To expand writing, reading, and communication skills for students who desire to attend a junior college, technical school, or enter the working world.

COURSE DESCRIPTION: In this class, students will practice their communication skills, as well as develop their critical thinking and analytical abilities. They will read a variety of fiction and nonfiction texts and complete writing tasks designed to expand their skills in order to further develop academic and real-world applications.

## AP English Language and Composition *

Course \#H1121 Grade 121 Credit Honors Course Year Course
**You may receive credit at Illinois Central College; if appropriate end of semester criteria are met.

PREREQUISITE: Enriched English 9, 10, 11
AIM OF COURSE: To expand writing skills for the above average English student whose desire is to attend a four year college.

COURSE DESCRIPTION: The AP English Language \& Composition course is designed to be the equivalent of a one semester college level rhetoric and writing course. This course includes such topics as: writing evidence-based analytic and argumentative essays; evaluating, synthesizing, and citing research to support arguments; development of a personal writing style; and reading, analyzing and writing using a wide variety of both fiction and non-fiction texts. Students will have the opportunity to take an AP English Language \& Composition exam in the spring to earn one semester of college credit in English. Families are responsible for the additional cost of this optional exam.

# Elements of Communication 

Course \#H1000 Grade 10-12 ½ Credit Semester Course
PREREQUISITE: None
AIM OF COURSE: Help the student speaker develop skills and methods enabling them to present ideas and information in an effective manner. This course will not count for English graduation requirement, it is an elective.

COURSE DESCRIPTION: Designed for the beginning speaker, this class will introduce the theory and practice of public speaking. This course will offer extensive practice in speech writing and delivery for student speakers interested in examining communication through a variety of speech assignments. These assignments will be relevant to the school setting and in the professional world.

## Modern Literature

Course \#H1140 Grade 10-12 $1 / 2$ Credit Semester Course

PREREQUISITE: None
AIM OF COURSE: To allow students to delve into contemporary novels and popular authors. This course will not count for English graduation requirement, it is an elective.

COURSE DESCRIPTION: This class is designed for the student who enjoys reading. This course will offer students a variety of texts, the practice of writing about literature, and the chance to work cooperatively with other students. The assignments designed for this course include not only the reading of contemporary novels, but also written work, projects, and the chance to view critical analysis of some contemporary novels. The difference between the written word and the art of film will also be analyzed.

## Mathematics

Graduation Requirement: 3 credits (3 years)
Key: Y Year long
S Semester long course

+ Graduation requirement
* Honors/weighted course

| Course | Prerequisite | Term | Grade |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9 | 10 | 11 | 12 |
| Math I + | None | Y | X |  |  |  |
| Math II + | Math I | Y |  | X |  |  |
| Math III + | Math II | Y |  |  | X |  |
| Trigonometry | Juniors: "B" in Math II \& teacher recommendation <br> Seniors: "B" in Math III \& teacher recommendation | S |  |  | X | X |
| Statistics | Juniors: "B" in Math II \& teacher recommendation <br> Seniors: "B" in Math III \& teacher recommendation | S |  |  | X | X |
| Quantitative Literacy Statistics (QL Stats) | Math III and teacher recommendation. | S |  |  |  | X |
| AP Calculus * | "B" or better in Math III and Trigonometry, \& a teacher recommendation | Y |  |  |  | X |

## Math Tips

- Students should consider their post-high school education plans when choosing their mathematics sequence. Students planning to attend college should take four years of math.
- It is recommended that if a student fails the first semester of a mathematics course he/she drop the course and retake the course during the following year or retake $1^{\text {st }}$ semester in a credit recovery program. Students who pass the first semester but fail the second semester of any mathematics course must retake the $2^{\text {nd }}$ semester during summer school..


## Math I

Course \#H2010 Grade 9-10 1 Credit Year Course
Prerequisite: $8^{\text {th }}$ Grade Math - A TI-83 or TI-84 calculator will be required.
Aim of Course: Math to develop the skills and concepts of common core Math I.
Course Description: The emphasis of this course is on the common core Math I integrated track. The topics include solving equations and inequalities, functions, systems of equations and inequalities, radical and exponential functions, data analysis, tools of geometry, transformations, reasoning and proof, proving theorems about lines and angles, and triangle congruence.

## Math II

Course \#H2140 Grade 10-11 1 Credit Year Course
Prerequisite: Math I - A TI-83 or TI-84 calculator will be required.
Aim of Course: Math to develop the skills and concepts of common core Math II.
Course Description: Math II is a combination of Algebra and Geometry Topics. The first semester details more of the geometry aspects from reasoning and proof of triangles and quadrilaterals to right triangle trigonometry and circles. The second semester aligns more with algebraic topics; from Quadratic functions and factoring to statistics and probability.

## Math III

Course \#H2020 Grade 11-12 1 Credit Year Course

## Prerequisite: Math II - A TI-83 or TI-84 calculator will be required.

Aim of Course: To focus on specific Standards for Mathematical Content that pertains to the Math III course.

Course Description: Math III is the third course in Integrated High School Mathematics. The content of this course focuses on drawing conclusions from data, linear equations, inequalities, functions, quadratic functions and equations, polynomials and polynomial functions, rational expressions and functions, exponential and logarithmic functions, and trigonometric functions.

## Trigonometry

Course \#H2190 Grade 11 or $12 \quad 1 / 2$ Credit Semester Course
PREREQUISITE: For juniors*** a B or above in Math II and must have a teacher recommendation and for seniors a B or above in Math III or a teacher recommendation. A TI-83 or TI-84 calculator will be required.
***If you are a Junior and are not in the accelerated Math III class, you can only take Trigonometry during second semester.

AIM OF COURSE: This semester elective presents specific and in-depth Trigonometric information for a college bound student.

COURSE DESCRIPTION: This course is designed to cover the basic trigonometric concepts to set a good foundation for Calculus or for the start of their college career. Concepts covered include the unit circle, radian measure, trig equations, and identities and properties of trigonometry, as well as techniques of graphing.

## Statistics

Course \#H2180 Grade 11-12 ½ Credit Semester Course
PREREQUISITE: For Juniors: a B or above in Math II and a teacher recommendation. For Seniors: a C or above in Math III. A TI-83 or TI-84 calculator will be required.

COURSE DESCRIPTION: This course is designed to supplement the math foundation for students taking Calculus or for the start of their college career. Concepts covered include general statistics and probability, including population studies, random samples, measures of central tendency, standard deviation, and techniques of graphing.

## Quantitative Literacy/Statistics

Course \#H Grade $12 \quad 1 / 2$ Credit Semester Course

PREREQUISITE: This class is For Seniors Only. A graphing calculator will be required. This class is by nomination only based on ACCUPLACER math scores

COURSE DESCRIPTION: A transitional math class in accordance with the
Postsecondary Workforce Readiness Act (PWRA). Seniors who did not or would not place into College Algebra at a 2 or 4 year college may take this class. If a C or better is earned, the 2 yr college will recognize the achievement and place the student directly into College Algebra (no prerequisite at the college level will be needed). Topics covered will include: Personal Finance; Statistics in everyday life; Analyzing and Optimizing the world: and Math in decision making. Topics are presented using real world applications and group learning projects.

## Advanced Placement (AP) Calculus AB*

Course\# H2130 Grade $12 \quad 1$ credit, Honors Course Year Course
PREREQUISITE: " B " or above in Math III and Trigonometry and a teacher recommendation. A Texas Instrument TI-84 Plus graphing calculator is recommended for the course.

COURSE DESCRIPTION: The AP Calculus course is designed to be the equivalent of a one semester college level calculus course. This course includes such topics as slopes, functions, limits of functions, derivatives and applications of derivatives, integration, the definite integral, areas and volumes of curves and solids, as well as a review of trigonometry, and geometric and algebraic concepts. Students will have the opportunity to take an AP Calculus exam in the spring to earn one semester of college credit in mathematics. Families are responsible for the additional cost of this optional exam.

## Science

Graduation Requirement: 2 credits (2 years)
Key: Y Year long
S Semester long course

+ Graduation requirement
* Honors/weighted course

| Course | Prerequisite | Term | Grade |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9 | 10 | 11 | 12 |
| Life Science | None | Y | X |  |  |  |
| Biology 1 | Junior High Recommendation/ MAP scores | Y | X |  |  |  |
| General Science | Taken and passed Life Science Taken Biology and passed with a "D" Be a Sophomore or Junior | Y |  | X | X |  |
| Chemistry 1 | Math 1 with a "C" OR Biology with a "C" OR Life Science with an "A" | Y |  | X | X | x |
| Environmental Science | None | Y |  |  | X | X |
| Biology 2 | Biology 1 with a " C ". Sophomores may only enroll if taking Chemistry 1 during the same semester | Y |  | X | X | x |
| AP Biology * | "B" or better in Biology 1 , Chemistry 1 , Math 1 and Math 2 | Y |  |  | X | x |
| continued on next page |  |  |  |  |  |  |


| Chemistry 2* | "B" in Chemistry 1 <br> and Math 2 | Y |  | X | X |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Physics * | Taken <br> Trigonometry <br> with a grade of <br> "B" or better OR <br> taken Math 3 <br> with a grade of <br> "A" | Y |  | X with <br> approval | X |

## Science Curricular Sequence Flow Chart



The figure above shows the possible sequence for science classes. The bolded lines indicate the required recommendations for the first two years of courses in order to have a life and a physical science. The dashed bold arrow means that it is a required transition only with teacher approval.

## Life Science

Course \#H4140 Grade $9 \quad 1$ Credit Year Course
PREREQUISITE: None
AIM OF COURSE: To present an introduction to the physical biological sciences and fundamental biological concepts. This course is intended for students who have passed general science or those who have not fulfilled a life science credit.

COURSE DESCRIPTION: This introductory course is a study of the fundamentals of life, with emphasis on cell biology, genetics, classification, and human physiology. Students will explore concepts through laboratory work, including dissection.

## Biology 1

Course \#H4050 Grade 9-10 1 Credit Year Course

## PREREQUISITE: Recommendation from Junior High Teachers

AIM OF COURSE: To present an introduction to the biological sciences and fundamental biological concepts, in preparation for college readiness.

COURSE DESCRIPTION: This course is a study of the fundamentals of life including the structural, functional, and chemical bases of life. Molecular biology, cell reproduction, genetics, and ecology are taught. The study of animals will include vertebrates and invertebrates. Moral and bioethical issues as well as environmental concerns will be studied with an emphasis on discovery, laboratory work, and dissection.

## General Science

Course \#H4130 Grade $10 \quad 1$ Credit Year Course
PREREQUISITE: None
AIM OF COURSE: To introduce students to the fundamentals of chemistry, physics, and earth science. This course is intended for students who have taken Life Science, who do not have the Math prerequisites for taking Chemistry 1.

COURSE DESCRIPTION: This introductory course of basic physical and chemical concepts emphasizes applications of questioning and examining the physical world, using inferences for large or small models, and making connections between the evidence we can gather and the structure and behavior of the physical world. Students will explore the earth, plate tectonics, and the atmosphere while considering properties of matter and principles of force and energy.

## Chemistry 1

Course \#H4070 Grade 10-12 1 Credit Year Course
PREREQUISITE: Successful completion of Math I with a "C" or, Biology 1 with a C or better, OR Life Science with an A.

AIM OF COURSE: To introduce the students to the fundamentals of the science of the role of mathematics in the study of chemistry. Lab experiments accompany units of study in order to prepare students for other lab sciences.

COURSE DESCRIPTION: Explore matter at the atomic and subatomic levels by looking at data and drawing inferences about the atomic/subatomic composition. There is a focus on science literacy and problem solving throughout the course. Nuclear and chemical reactions will be explored as well as a basis for chemical bonding and reactivity as it relates to periodicity.

## Environmental Science

Course \#H4120 Grade 11-12 1 Credit Year Course

PREREQUISITE: None
AIM OF COURSE: Introduce students to major ecological concepts and environmental problems.

COURSE DESCRIPTION: Students will learn about technological developments that have created environmental problems and how to solve them. The course will promote understanding and awareness through hands-on laboratory activities involving water supply (Illinois River), soil erosion (importance of the prairie), natural resources, energy flow, plant processes, and ways to improve the quality of life. Field trips and recycling are a part of this course. This course is not intended for students who have completed Biology I and/or Biology II, as some of these topics have been discussed in these courses as well.

## Biology 2

Course \#H4060 Grade 10-11-12 1 Credit Year Course
PREREQUISITE: C or better in Biology 1. Sophomores may enroll ONLY when also enrolled in Chemistry I concurrently.

AIM OF COURSE: To provide the students with a detailed study of biology and to prepare them for future college biology courses.

COURSE DESCRIPTION: This course will include the study of biotechnology, forensics (with an investigation of a mock crime scene), and human anatomy and physiology, which includes the dissection of a fetal pig.

## Advanced Placement (AP) Biology*

Course \#H4070 Grade 11-12 1 credit Year Course
PREREQUISITE: B or better in all of the following: Biology I, Chemistry I, Math I and Math II

AIM OF COURSE: The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. At the conclusion of this course, students may elect to take the College Board AP Biology exam to earn college credit for up to two semesters of biology. Families will be responsible for the additional cost of this optional AP Exam.

COURSE DESCRIPTION: The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. It will focus on the following themes in biology: Science as a Process, Evolution, Energy Transfer, Continuity and Change, the Relationship of Structure to Function, Regulation, and Interdependence in Nature, Science, Technology, and Society. Students will apply the units of study to these themes in a series of advanced lab activities. An AP Biology exam is administered in the spring to allow students the opportunity to earn up to two semesters of college credit in biology. This rigorous course requires extensive time outside of class for projects, reading assignments, and homework.

## Chemistry 2*

Course \#H4080 Grade 11-12 1 Credit, Honors Course Year Course
PREREQUISITE: Chemistry I and Math 2 with at least a "B" average.
AIM OF COURSE: To develop proficiency and stronger math applications of the fundamental concepts of general chemistry. Typically students who are successful in second semester of Chemistry 1 will be successful in Chemistry 2.

COURSE DESCRIPTION: The major emphasis will be on solutions, colligative properties, chemical equilibrium, acid base equilibrium, thermochemistry, VESPER theory, thermodynamics, kinetics, and electrochemistry. There will be a focus on lab collaboration and experiment design as well as scientific communication skills. A great deal of mathematics is involved in this course.

## Physics*

Course \#H4160 Grade 11-12 1 Credit, Honors Course Year Course

PREREQUISITE: Taken Trigonometry with a grade of " B " or better OR taken Math 3 with a grade of "A"

AIM OF COURSE: To introduce students to the behavior of matter and energy.
COURSE DESCRIPTION: The course includes topics of mechanics, heat, sound, light, electricity, magnetism, wave mechanics, and atomic structure. Emphasis is placed on problem solving, laboratory work and lab reports. A great deal of mathematics is involved in this course.

## Social Studies

Graduation Requirement: 2 credits (2 years)
U.S. History and Civics

Key: Y Year long
S Semester long course

+ Graduation requirement
* Honors/weighted course

| Course | Prerequisite | Term <br> Length | Grade |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ |
| World History | None | Y | X | X | X | X |
| Geography | None | Y | X | X | X | X |
| Civics + | None | Y | X | X | X | X |
| Early American History + | None | Y |  |  | X |  |
| Modern U.S. History | Civics | Y |  |  | X | X |
| Human Behavior | None | S |  |  | X | X |
| Sociology | None | S |  |  | X | X |
|  |  |  |  |  |  |  |

## World History

Course \#H3160 Grade 9-12 1 Credit Year Course
PREREQUISITE: None
AIM OF COURSE: Help students understand the importance of the world community.

COURSE DESCRIPTION: the Emphasis in this course is ancient and medieval history and their contribution in the modern world.

## Geography

Course \#H3120 Grade 9-12 ½ Credit Semester Course
PREREQUISITE: None
AIM OF COURSE: To enrich students' understanding of a changing, complex and increasingly interdependent world.

COURSE DESCRIPTION: The five fundamental themes of geography are taught first to allow the students the tools of geographical analysis. These themes are: Location, Place, Region, Human and Environmental Interaction, and Movement. Since geography is cross-curricular, this course will offer a variety of topics. Political, Physical, and Cultural Geography will all be studied in order for the students to understand more about the world.

## Civics

Course \#H3050 Grade 9-12 1 Credit Year Course
GRADUATION REQUIREMENT -Civics will include the state-mandated Constitution test.

PREREQUISITE: None
AIM OF COURSE: To help develop habits which will lead to an informed active citizenry and thus strengthen our American way of life.

COURSE DESCRIPTION: The areas of study are: (1) to develop skills in thinking, studying, and learning related to decision making as a citizen; (2) to create interest in civics and civic related activities; (3) to develop an understanding of the students' role as a person, student, family member, and citizen in the community, United States, and the world; and, (4) to develop an understanding of the place on the United States in the contemporary world. This course does not repeat the study of the U. S. government taught in the eighth grade.

Early American History (formerly U.S. History)
Course \#H3150 Grade $11 \quad 1$ Credit Year Course

## GRADUATION REQUIREMENT

PREREQUISITE: Civics
AIM OF COURSE: To provide students with an understanding and appreciation of the development of American ideals. Knowing those ideals will enable students to serve the United States as participating citizens.

COURSE DESCRIPTION: Early American History explores the social, economic, and political development of the United States. The overall scope of this course is to better understand why the United States came into existence and how our country prevailed from very humble beginnings. Through analysis of primary and secondary sources, group discussions, and individual research, students will have the opportunity to gain a thorough knowledge of concepts ranging from theories of how North America was populated in ancient times to advancements of the Industrial Revolution through the early 1900s.

## Modern U.S. History

Course \# Grade 11-12 1 Credit Year Course
PREREQUISITE: Early American History
AIM OF COURSE: To provide students with an understanding and appreciation of the development of American ideals. Knowing those ideals will enable students to serve the United States as participating citizens.

COURSE DESCRIPTION: Modern U.S. History is an upper level advanced course and serves as an extension of Early American History. The overall scope of this course is to better understand how/why the United States rose to prominence and ultimately became a world superpower. Through analysis of primary and secondary sources, group discussions, individual research, and completion of a thesis paper, students will have the opportunity to gain a thorough understanding of concepts ranging from the aftermath of the Industrial Revolution in the early 1900s to current events that are shaping the United States today.

## Human Behavior

Course \#H3130 Grade 11-12 ½ Credit Semester Course
PREREQUISITE: None
AIM OF COURSE: The aim of this course is to help students understand the nature of individual behavior and how and why humans learn, think, and react as they do to "normal" and sometimes "abnormal" situations.

COURSE DESCRIPTION: Psychology attempts to look at current methodologies, theories, and concepts as they relate to individual behavior by studying learning, memory, research techniques, and individual identity. Students will read text material plus outside sources as they relate to behavior and analyze it from the standpoint of how it impacts on them as individuals. Summary/Journal writing, plus class discussion, and audio-visual materials will help to expand their understanding of human behavior.

## Sociology

Course \# H3140 Grade 11-12 ½ Credit Semester Course

PREREQUISITE: None
AIM OF COURSE: To make students aware of the complex social patterns of our society and the impact of social relationships on their lives.

COURSE DESCRIPTION: Sociology presents a study of human relationships and provides practical information useful to students. Emphasis is on adolescence/socialization; institutions such as family, education, and religion; and the impact of the social stratification on our society. Students learn to see interdependence and view the social order as a system where events in one part have repercussions in others.

## Contemporary Issues

Course \#H3110 Grade $12 \quad 1 ⁄ 2$ Credit Semester Course

PREREQUISITE: Civics or World History and U. S. History (intended for college bound students)

AIM OF COURSE: Help students to understand the dynamics of the social, economic, and political issues of the twenty-first century.

COURSE DESCRIPTION: Current events will be discussed in class as they relate to civil rights, America's involvement in world conflicts and peace efforts, and social change.

## Foreign Language

Graduation Requirement: 1 credit (1 year) of either Foreign Language, Music, Art, or Vocational Education

Key: Y Year long
S Semester long course

+ Graduation requirement
* Honors/weighted course

| Course | Prerequisite | Term | Grade |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9 | 10 | 11 | 12 |
| Spanish 1 | None | Y | X | X | X | X |
| Spanish 2 | Spanish 1 with a grade of "C" or better, and/or teacher recommendation. | Y |  | X | X | X |
| Spanish 3E * | Spanish 2 with a "B" or better \& teacher recommendation | Y |  |  | X | X |
| Spanish 4 * | Spanish 3 with a "B" or better \& teacher recommendation | Y |  |  |  | X |

## Spanish 1

Course \#H6400 Grade 9-12 1 credit Year Course
PREREQUISITE: None
AIM OF COURSE: To develop basic skills in reading, writing, listening, and speaking Spanish. Students will also begin to explore the cultures of Spanish-speaking countries.

COURSE DESCRIPTION: This course will enable students to become familiar with reading, writing, speaking, and listening to Spanish. Basic vocabulary and grammar will be introduced. Topics include information such as greetings, weather expressions, telling time, months, days, families, ordering in a restaurant, and school activities/hobbies. Cultural awareness and language skills are practiced and obtained through various in class activities.

## Spanish 2

Course \#H6410 Grade 10-12 1 Credit Year Course
PREREQUISITE: Spanish 1 with a grade of C or better, and/or teacher recommendation.

AIM OF COURSE: Students will continue to develop Spanish skills in listening, speaking, reading, writing. Various aspects of culture will also continue to be explored.

COURSE DESCRIPTION: This course is designed to build proficiency in understanding, speaking, reading, and writing in Spanish. Oral proficiency is developed through classroom presentations of dialogues, skits, and oral questions. The written aspects of language are intensified by using more complex grammatical concepts, such as: using object pronouns, talking about activities in the past, talking about ongoing events, and giving commands. Topics include the home, shopping, travel, television and movies, more extra-curricular activities, and preparing for special events. Hispanic culture is presented through the use of pictures, lectures, class discussions, presentations, games, short stories, etc.

## Enriched Spanish 3*

Course \#H6425 Grade 11-12 1 Credit, Honors Course Year Course

PREREQUISITE: Spanish 2 with a grade of "B" or better \& with teacher recommendation.

AIM OF COURSE: To further enhance skills in listening, speaking, reading, writing, and cultural areas of Spanish.

COURSE DESCRIPTION: Advanced grammatical, conversational, reading, and writing skills are developed through the use of conversations, skits, games, videos, music, presentations, short stories, and projects. Topics may include art and music, geography, culture, and various forms of literature.

## Spanish 4*

Course \#H6430 Grade $12 \quad 1$ Credit, Honors Course Year Course

PREREQUISITE: Spanish 3 with a grade of "B" or better \& with teacher recommendation.

AIM OF COURSE: To develop advanced skills in the four skill areas and to probe Hispanic cultural areas more extensively.

COURSE DESCRIPTION: Advanced grammatical, conversational, reading, and writing skills are developed through the use of conversations, skits, games, videos, music, presentations, short stories, and projects. Topics may include art and music, geography, culture, and various forms of literature.

## Fine Arts

Graduation Requirement: 1 credit (1 year) of either Foreign Language, Music, Art, or Vocational Education

Key: Y Year long
S Semester long course

+ Graduation requirement
* Honors/weighted course

| Course | Prerequisite | Term | Grade |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9 | 10 | 11 | 12 |
| Band (may repeat) | None | Y | X | X | X | X |
| Chorus (may repeat) | None | Y | X | X | X | X |
| Introduction to Visual Art | None | Y | X | X | X | X |
| Intermediate Art: 2D Focus | Introduction to Visual Art | S |  | X | X | X |
| Intermediate Art: 3D Focus | Introduction to Visual Art | S |  | X | X | X |
| Intermediate Art: Digital Focus | Introduction to Visual Art | S |  | X | X | X |
| Advanced Art: Drawing | "B" or better in Intermediate Art: 2D Focus | S |  |  | X | X |
| Advanced Art: Painting | "B" or better in Intermediate Art: 2D Focus | S |  |  | X | X |
| Advanced Art: Ceramics and Crafting | "B" or better in Intermediate Art: 3D Focus | S |  |  | X | X |
| Advanced Art: <br> Sculpture | " B " or better in Intermediate Art: 3D Focus | S |  |  | X | X |
| continued on next page |  |  |  |  |  |  |


| Advanced Art: Digital <br> Photography | "B" or better in <br> Intermediate <br> Art: Digital <br> Focus | S |  | X | X |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Advanced Art: Digital <br> Video | "B" or better in <br> Intermediate <br> Art: Digital <br> Focus | S |  |  | X | X |
| Portfolio Art | Any Advanced Art <br> course \& Teacher <br> recommendation | S |  |  | X |  |
| Media Production/ <br> Yearbook | None | Y |  | X | X | X |

## Band

Course \#H6210 Grade 9-12 1 Credit Year Course
PREREQUISITE: Previous band experience or director approval. Band may be taken more than once.

AIM OF COURSE: To explore creative expression through the medium of instrumental musical performance.

COURSE DESCRIPTION: The art and discipline of musical performance are explored in this continuing course. The band performs at 2-3 concerts per year along with other home athletic events specifically required by the instructor (including all home football games). Approximately nine weeks are devoted to field music and exhibition marching. As a "kickoff" to the marching band season, there will be a mandatory Band Camp towards the end of summer for band members. The remainder of the year is then devoted to concert band and contest preparation. The band student, in addition to acquiring musical skills necessary to realize the literature selected for performance, will learn self-discipline, responsibility, leadership, and will serve the school and community. Band is a co-curricular course which follows the established activity code.
This is considered a co-curricular activity, and as such falls under the Activity Code, including a $\$ 35.00$ activity fee. Individuals who do not follow the Activity Codes' guidelines will not be allowed to perform in IHSA, or conference activities. Alternative classroom assignments may be used in place of the after-school experiences upon clarification from the director.

## Chorus

Course \#H6200
PREREQUISITE: Director approval. May be taken more than once.
AIM OF COURSE: To explore creative musical expression through vocal knowledge and performance.

COURSE DESCRIPTION: Vocal music suitable to the developing voice and intermediate level music student will be covered. Students learn and use music theory, develop vocal technique, and refine ensemble skills in rehearsal. Vocal performance is emphasized and the opportunity for musical competition is offered each semester. Choir performs a concert each semester, at baccalaureate, graduation, and community events (Veteran's Day and Memorial Day) as well as specified home athletic games. Small ensemble performances are offered in the spring at IHSA solo and ensemble contest.

This is considered a co-curricular activity, and as such falls under the Activity Code, including a $\$ 35.00$ activity fee. Individuals who do not follow the Activity Codes' guidelines will not be allowed to perform in IHSA or conference activities. Alternative classroom assignments may be used in place of the after-school experiences.

## Art Curricular Sequence Flow Chart



The figure above shows the possible sequence for art classes. The arrows indicate which classes come next in the sequence. If you want to take a class out of sequence, you will require Mr. Ingram's approval.

## Introduction to Visual Art

Grade 9-12 1 Credit Year Course

PREREQUISITE: None

AIM OF COURSE: To introduce students to foundational art making and art history concepts.

COURSE DESCRIPTION: This course focuses on 2D, 3D and digital design fundamentals. Students will maintain a sketchbook for planning and practice assignments. The emphasis of this class will be a foundation in basic studio arts techniques through the creation of projects and making historical or personal connections to course content.

## Intermediate Art: 2D Focus

Grade 10-12 $\quad 1 / 2$ Credit Semester Course

PREREQUISITE: Introduction to Visual Art

AIM OF COURSE: To continue students' understanding of drawing, painting, and 2D design concepts.

COURSE DESCRIPTION: This course focuses on 2D design fundamentals and improving techniques with drawing and painting media. Students will maintain a sketchbook for planning and practice assignments. The major emphasis of this class will be creating a portfolio of work that demonstrates growth in drawing, painting, and other 2D media.

## Intermediate Art: 3D Focus

Grade 10-12 1 12 Credit Semester Course

PREREQUISITE: Introduction to Visual Art

AIM OF COURSE: To continue students' understanding of sculpture and 3D design concepts.

COURSE DESCRIPTION: This course focuses on 3D design fundamentals and improving techniques with traditional and non-traditional sculptural media. Students will maintain a sketchbook for planning and practice assignments. The major emphasis of this class will be creating a portfolio of work that demonstrates growth in 3D design fundamentals and sculptural techniques.

## Intermediate Art: Digital Focus

Grade 10-12 $\quad 1 / 2$ Credit Semester Course

PREREQUISITE: Introduction to Visual Art

AIM OF COURSE: To continue students' understanding of software for photography/cinematography and graphic design concepts.

COURSE DESCRIPTION: This course focuses on digital design fundamentals and improving techniques with digital photography, digital video editing, and graphic design software. Students will maintain a digital portfolio of their design work. The major emphasis of this class will be creating a portfolio of work that demonstrates growth in photography, cinematography, and graphic design techniques.

# Advanced Art: Drawing 

Grade 11-12 $1 / 2$ Credit Semester Course

PREREQUISITE: B or Better in Intermediate Art: 2D Focus

AIM OF COURSE: To continue students' understanding of advanced drawing and 2D design fundamentals.

COURSE DESCRIPTION: This course focuses on advanced level 2D design fundamentals and refining techniques with drawing media. Students will maintain a sketchbook for planning and practice assignments. The major emphasis of this class will be creating a portfolio of work that demonstrates growth and a focused exploration of a theme or concept using advanced drawing techniques.

## Advanced Art: Painting

Grade 11-12 $1 / 2$ Credit Semester Course

PREREQUISITE: B or Better in Intermediate Art: 2D Focus

AIM OF COURSE: To continue students' understanding of advanced painting and 2D design fundamentals.

COURSE DESCRIPTION: This course focuses on advanced level 2D design fundamentals and refining techniques with painting media. Students will maintain a sketchbook for planning and practice assignments. The major emphasis of this class will be creating a portfolio of work that demonstrates growth and a focused exploration of a theme or concept using advanced painting techniques.

# Advanced Art: Ceramics \& Crafting 

Grade 11-12 ½ Credit Semester Course

PREREQUISITE: B or Better in Intermediate Art: 3D Focus

AIM OF COURSE: To continue students' understanding of advanced ceramics and 3D design fundamentals.

COURSE DESCRIPTION: This course focuses on advanced level 3D design fundamentals and refining techniques with clay and crafting media. Students will maintain a sketchbook for planning and practice assignments. The major emphasis of this class will be creating a portfolio of work that demonstrates growth and a focus on craftsmanship using advanced crafting and ceramics techniques.

## Advanced Art: Sculpture

Grade 11-12 1 ½ Credit Semester Course

PREREQUISITE: B or Better in Intermediate Art: 3D Focus
AIM OF COURSE: To continue students' understanding of advanced sculpture and 3D design fundamentals.

COURSE DESCRIPTION: This course focuses on advanced level 3D design fundamentals and refining techniques with soft sculpture and traditional sculpting media. Students will maintain a sketchbook for planning and practice assignments. The major emphasis of this class will be creating a portfolio of work that demonstrates growth and a focused exploration of a theme or concept using advanced sculpting techniques

# Advanced Art: Digital Photography 

Grade 11-12 1 ½ Credit Semester Course
PREREQUISITE: B or Better in Intermediate Art: Digital Focus
AIM OF COURSE: To continue students' understanding of digital photography and digital design fundamentals.

COURSE DESCRIPTION: This course focuses on advanced level digital design fundamentals and refining techniques with photography and digital editing software. Students will maintain a visual journal and digital portfolio. The major emphasis of this class will be creating a digital portfolio of work that demonstrates growth and a focused exploration of advanced photography and digital editing techniques.

## Advanced Art: Digital Video

Grade 11-12 $1 / 2$ Credit Semester Course
PREREQUISITE: B or Better in Intermediate Art: Digital Focus
AIM OF COURSE: To continue students' understanding of digital video and time arts fundamentals.

COURSE DESCRIPTION: This course focuses on advanced level time arts fundamentals and refining techniques with digital video editing software. Students will maintain a journal of ideas and plans as well as a digital portfolio. The major emphasis of this class will be creating a digital portfolio of work that demonstrates growth and a focused exploration of advanced cinematography and digital video editing techniques.

## Portfolio Art

Grade $12 \quad 1 ⁄ 2$ Credit Semester Course

PREREQUISITE: Any Advanced Art Course \& Instructor Approval

AIM OF COURSE: To continue students' understanding of advanced art making techniques and create a focused portfolio for career or college submission.

COURSE DESCRIPTION: This is an independent study for students interested in pursuing a career in the arts and desire to add to and refine their existing portfolio in a given area of focus. Students must submit their portfolio for approval with the art department.

## Media Production/Yearbook

Course \#H7130 Grade 10-12 1 Credit Year Course
PREREQUISITE: None
AIM OF COURSE: To provide the student with more advanced knowledge of computer desktop publishing software. In this class, students produce a product in the form of the school yearbook, which is sold to the student population."Yearbook requires a completed application turned in on time. All applicants will be interviewed at sessions held in the spring. Successful completion of this interview and application are requirements to become a member of the yearbook staff.

COURSE DESCRIPTION: Advanced instruction in desktop publishing will result in producing documents that are ready for final publication. There is a lot of hard work required, and many hours outside of the school day throughout the year.

## Physical/Health/Safety

Graduation Requirement: 4 credits in P.E. and $1 ⁄ 2$ credit in Health (P. E. credit may be waived with Academic or Varsity sport P.E.waiver - See Mr. Panner for details)

Key: Y Year long
S Semester long course

+ Graduation Requirement

| Course | Prerequisite | Term Length | Grade |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9 | 10 | 11 | 12 |
| Early Bird P.E. | Must have your own transportation | Y |  |  | X | X |
| Athletic P.E. | Currently, or in the last 9 months, in a varsity sport or approval given by instructor. | Y |  |  | X | X |
| Physical Education (P.E.) + | None | Y | X | X | X | X |
| Health + | None | S | X | X | X | X |
| Drivers Education | Must be aged 15 by the beginning of class and must have passed 8 semester classes prior to beginning of class. | S |  |  | X | X |

## Health

Course \#H5140 Grade 9-12 ½ Credit Semester Course
GRADUATION REQUIREMENT
PREREQUISITE: None
AIM OF COURSE: To develop an awareness of the human body and the problems associated with adolescence to assure physical, mental and social health throughout life.

COURSE DESCRIPTION: Major topics covered will be health history, current statutes, mental health, nutrition, substance abuse, AIDS, and sex education. Incorporated within these topics are the related areas of physical fitness, infectious and non-infectious diseases, first aid, consumer health, personal health, and safety. Please contact the school at the beginning of the semester if you do not want your child to participate in the sex education unit, an alternate assignment will be given. This course is designed to satisfy the State's requirements for health and meet the mandates of the Health Education Act.

## Physical Education (P.E.)

Course \#5120 Grade 9-12 ½ Credit Year Course
PREREQUISITE: None
AIM OF COURSE: To develop mental, social, and emotional awareness as well as physical skills and physical fitness.

COURSE DESCRIPTION: Physical Education will be taught in units with emphasis on physical conditioning and fitness, rules, skills, team building and cooperation, and knowledge of lifelong fitness attributes. Grading will be based on the student's participation, and written and skill tests. The units include Walking, Golf, Speedball, Ultimate Frisbee, Eclipse Ball, Fitness for Life, Pickleball, Badminton, Dodgeball, Softball and Aerobic conditioning.

## Athletic Physical Education

Course \#H5100 Grade 11-12 $1 / 2$ Credit Semester Course
PREREQUISITE: Any junior or senior enrolled in a varsity sport, or having completed a varsity sport within the past 9 months. Sophomores will be allowed based on class size and approval by the teacher.

AIM OF COURSE: To provide intense physical training to enhance the student's fitness level both in season and during the off season. While not a sport specific class, the course will focus on cardiovascular fitness, strength training, and agility. Male and female athletes are encouraged to enroll.

COURSE DESCRIPTION: The objective of this course is to give the student athlete a broad foundation for maximizing strength, endurance, and stamina. This class allows students to achieve their goals to become a competitive student athlete. Any student that does not complete their workouts in a timely manner will be removed from class and placed in a regular physical education course. Students in athletic P.E. are not allowed to be enrolled in regular physical education, except for early bird P.E., and may not be released early. The course will be offered to Seniors and Juniors first, and if slots remain sophomores may be admitted not exceeding 30 students.

## Drivers Education

Course \# H7301 Grade 10 ½ Credit Semester Course
The Driver Education fee for the high school is $\$ 250.00$. An extra $\$ 20.00$ fee is required for the Illinois Secretary of State for the permit at the beginning of this course.

PREREQUISITE: Must be 15 years old and meet cut-off date. See registration sheets for exact dates for each semester. Students must have passed 8 academic courses during the prior 2 semesters. Enrollment in this course will depend upon available space and scheduling.

AIM OF COURSE: To provide training for students to obtain an instruction permit and to understand the laws and rules needed for driving safely.

COURSE DESCRIPTION: The course consists of 30 hours of class instruction and 6 hours behind-the-wheel instruction. Parents are required to supervise an additional 50 hours of practice driving with their son or daughter. The course will cover areas in Rules of the Road (signs, traffic lights, pavement markings, right of way laws, etc.) motorcycles, highway transportation system, vehicle capabilities, IPDE process, auto insurance, accident procedures, effects of alcohol and drugs on driving, fuel economy, emergency situations, behind-the-wheel procedures, and maneuvers. Students must pass both the classroom and behind-the-wheel portions of this course to be eligible to obtain a drivers license.

## Family and Consumer Sciences

Graduation Requirement: Resource Management
Key: Y Year long
S Semester long course

+ Graduation Requirement

| Course | Prerequisite | Term <br> Length | Grade |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ |
| Food and Nutrition 1 | None | S | X | X | X | X |
| Food and Nutrition 2 | Food 1 | S | X | X | X | X |
| Foods 3 - Culinary <br> Occupations | Food 2 | S |  | X | X | X |
| Child Development | None | S | X | X | X | X |
| Parenting | None | S | X | X | X | X |
| Child Care 1 | None | S |  | X | X | X |
| Child Care 2 | Child Care 1 |  |  | X | X | X |
| Resource <br> Management + | None | S |  |  |  | X |

## Foods \& Nutrition 1

Course \#H8200 Grade 9-12 ½ Credit Semester Course
AIM OF COURSE: To show students certain procedures that should be followed for success in the preparation of food.

COURSE DESCRIPTION: This course is designed for students who want to learn more about the principles of cooking and nutrition and the applications of those principles. The topics to be covered include food preparation skills such as measuring, equipment, cooking techniques and knife skills; reading and understand a recipe; safety and sanitation; proper nutrition; and baking. Individual food groups will also be covered during this course. Most of the units are reinforced with demonstrations and hands-on laboratory experiences.

## Foods \& Nutrition 2

Course \#H8201 Grade 9-12 ½ Credit Semester Course
PREREQUISITE: Must have a passing grade in Foods \& Nutrition I
AIM OF COURSE: To continue to build on skills learned in Foods 1 and advance practical applications of food preparation techniques.

COURSE DESCRIPTION: This course is for students to learn advanced food principles and preparation techniques. Individual food groups will continue to be taught from where Foods 1 left off at. Regional and international cooking will be explored where students have a choice of the recipes they would like to prepare during laboratories and demonstrations. Desserts, including cookie and cake decorating will also be explored. Most of the units are reinforced with demonstrations and hands-on laboratory experiences.

## Foods 3 - Culinary Occupations

Course \# Grade 10-12 ½ Credit Semester Course

PREREQUISITE: Must have a passing grade in Foods \& Nutrition 2

AIM OF COURSE: To provide practical experiences needed for the development of culinary workplace skills.

COURSE DESCRIPTION: Through classroom and laboratory experiences, the topics explored will be working in the front of the house, back of the house, and workstations as well as event planning, customer service and relations, food service styles, baking and pastry arts, hors d'oeuvre, and breakfast cookery. Safety and sanitation instruction and classroom application will prepare students for an industry recognized sanitation exam.

## Child Development

Course \#H8100 Grade 9-12 ½ Credit Semester Course
PREREQUISITE: None
AIM OF COURSE: To understand the different domains of child development from birth to school-age and apply knowledge with weekly child development labs.

COURSE DESCRIPTION: In this course the intellectual, physical, social-emotional, and language domains of child development are explored from infancy through school-age. Other topics include health issues, nutrition, safety, guidance, learning in relationships, family and community, and careers. By taking this course, students can earn the Level One Early Childhood Education Credential which will allow them to access a state-funded scholarship should they choose to study Child Development or Early Childhood Education in college.

## Parenting

Course \#H8150 Grade 9-12 ½ Credit Semester Course
PREREQUISITE: None
AIM OF COURSE: The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children.

COURSE DESCRIPTION: Parenting addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting the optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development in children. Students will be assigned to an infant simulator over a weekend that they must care for as practice for the realities of parenting.

## Child Care 1 - Care and Learning Services

## Occupations

Course\# Grade 10-12 $1 / 2$ credit Semester Course

PREREQUISITE: None
AIM OF COURSE: To provide hands-on and practical experiences working with children while developing competencies related to working with children, daycare, and other education services occupations.

COURSE DESCRIPTION: In this course, students will operate a child care program within the high school classroom. Young children from the community will receive care and teaching from high school students within a structured environment that puts the needs of the young children first. Students will gain skills and strategies for working with young children, including children with special needs. Students will develop standards-based lessons and assist the children with activities.
Classroom study includes the philosophy and management of child care centers and home daycares.

# Child Care 2 - Care and Learning Services <br> Management 

Course \# Grade 10-12 $1 / 2$ credit Semester Course

## PREREQUISITE: Child Care 1

AIM OF COURSE: To continue to provide hands-on and practical experiences working with children while gaining an understanding of requirements for working in Early Care and Education, Child Development, and other fields that involve working with children.

COURSE DESCRIPTION: In this course, students will operate a child care program within the high school classroom. Young children from the community will receive care and teaching from the high school students within a structured environment that puts the needs of the young children first. Students will gain skills and strategies for working with young children, including children with special needs. Emphasis is also placed on workplace communication, human relations, and service needs of clients in Early Care and Education. Students will also learn about state licensing and regulation requirements related to all aspects of care and education throughout the course.

## Resource Management

Course \#H8170 Grade $12 \quad 1 / 2$ Credit Semester Course

## GRADUATION REQUIREMENT

This course will meet the State of Illinois consumer requirement.
PREREQUISITE: None
AIM OF COURSE: To provide an understanding of personal economics and social values as students learn to apply the concepts to help reach their financial goals

COURSE DESCRIPTION: This course is a graduation requirement for seniors.
Students will learn about being a financially responsible adult. The course topics include the following: Character \& Values, S.M.A.R.T. Goal-Setting, Career Exploration, Paychecks and Taxes, Budgeting, Banking (Debit/Checking, Saving, Investing), Credit/Loans (includes buying a car, buying a house, etc.), Insurance, and Receiving Help.

## Industrial Technology Courses

Graduation Requirement: 1 credit (1 year) of either Foreign Language, Music, Art, or Vocational Education

Key: Y Year long
S Semester long course

| Course | Prerequisite | Term | Grade |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9 | 10 | 11 | 12 |
| Introduction to Drafting | None | S | X | X | X | X |
| Introduction to Woods/Metals | None | S | X | X | X | X |
| Mechanical Drafting | Introduction to Drafting | S |  | X | X | X |
| Architectural Drafting | Introduction to Drafting | S |  | X | X | X |
| General Metals/Welding | Introduction to Woods/Metals | S |  | X | X | X |
| Machine Woodworking | Introduction to Woods/Metals | S |  | X | X | X |
| Advanced Metals | Introduction to Woods/Metals, General Metals/Welding, AND a "C" or better in Math 2 | S |  |  |  | X |
| Advanced Shop Technology | Machine Woodworking OR General Metals/Welding | S |  |  |  | X |
| Computer Aided Design and Drafting (CAD) | Mechanical Drafting OR Architectural Drafting | S |  |  | X | X |

## Introduction to Drafting

Course\#H8240 Grade 9-12½ Credit Semester Course
PREREQUISITE: None
AIM OF COURSE: To introduce the student to the procedures needed to enter the field of design and drafting.

COURSE DESCRIPTION: This course is a prerequisite to all other industrial education Drafting courses. It includes nine weeks of Mechanical drafting and nine weeks of Architecture. The introduction to mechanical drafting includes care and use of drafting instruments, the study and drawing of blueprint type drawings, 3-view drawings, scale drawings, geometric construction, and information dealing with drafting occupations. Students will be able to design, build and test balsa wood bridges in a cooperative group setting. Architecture includes 2 small floor plans and a Dream House plan.

## Introduction to Woods/Metals

Course \#H8250 Grade 9-12 ½ Credit Semester Course

## PREREQUISITE: None

AIM OF COURSE: To orientate students to the world of woodworking, give them an applied basic use of woodworking and metal skills.

COURSE DESCRIPTION: This course will include general woodworking including the care and use of basic hand tools, the Radial Arm Saw, Table Saw, Jointer, Planer, Band Saw, Disc Sander, Miter Saw, Router and various small power tools, shop safety, and project finishing techniques used today. The student completes several wood projects. General metals will include information, practical experience, and applications in the area of metalworking. Major areas covered are bench metal occupations, and sheet metal.

## General Metals/Welding

Course \#H8230 Grade 10-12 ½ Credit Semester Course
PREREQUISITE: Introduction to Woods/Metals
AIM OF COURSE: To orientate students to the world of metal-working and present basic metalworking skills.

COURSE DESCRIPTION: This course is an introduction to the materials, processes, tools, and machines utilized in the metalworking industry. The course is designed to provide the student with the awareness of occupational opportunities in the field of metal-working. The course includes basic instruction in foundry processes, forging, metal forming, metal cutting, welding, brazing, and heat treatment of metals. Students will use hand, bench, and power tools in a variety of metalworking processes. Also, Oxyacetylene welding and cutting, Arc and MIG welding and Plasma cutting will be emphasized. Included in this class will be joints, the different welding positions and symbols used in plans and blueprints.

## Machine Woodworking

Course \#H8260 Grade 10-12 1/2 Credit Semester Course
PREREQUISITE: Introduction to Woods/Metals
AIM OF COURSE: To provide students with knowledge and experiences that involve a variety of occupations relating to working with wood, emphasizing those that can be located in the surrounding communities.

COURSE DESCRIPTION: Special emphasis will stress the safe and practical use of the common industrial woodworking machines. The design, planning, construction, and finishing of projects are a major part of this course. Each individual student must pass written safety exams and manipulative skill tests pertaining to each machine.

## Mechanical Drafting

Course \#H8270 Grade 10-12 ½ Credit Semester Course

PREREQUISITE: Introduction to Drafting
AIM OF COURSE: To introduce the student to occupations in the field of drafting.
COURSE DESCRIPTION: The course provides the student with the opportunity to study a variety of drafting occupations and to acquire basic knowledge and skills for further training. Instruction is related to the tools, materials, techniques used in the production of mechanical drawings. The course provides the student with learning experiences in the use of drafting instruments and equipment, lettering, dimensioning, geometric construction, orthographic and pictorial drawing, sectioning, and construction of auxiliary views. The use of the Computer Aided Drafting system will be taught in this class.

## Architectural Drafting

Course \#H8210 Grade 10-12 ½ Credit Semester Course

PREREQUISITE: Introduction to Drafting
AIM OF COURSE: To provide students with general architectural design concepts and terminology.

COURSE DESCRIPTION: This course will describe building materials; explain construction principles and present information necessary for building, planning and design. Students will draw floor plans, foundation plans, plot plans, wall sections, roof sections, stair layouts, elevations, and window and door schedules of a house. All drawings will be done on the computer.

## Advanced Metals

Course \#H8295 Grade $12 \quad 1 ⁄ 2$ Credit Semester Course
PREREQUISITE: Intro to Metals/Woods and General Metals/Welding. Interested students should have earned a C or better in Math 2.

COURSE DESCRIPTION: It is designed to give students the opportunity to advance their skills in manufacturing using metal lathes, mils, CNC lathe and a plasma cutter.

## Advanced Shop Technology

Course \#H8290 Grade $12 \quad 1 ⁄ 2$ Credit Semester Course
PREREQUISITE: Machine Woodworking or General Metals/Welding
AIM OF COURSE: To allow the student to pursue in depth an area of interest in industrial technology.

COURSE DESCRIPTION: This includes designing, planning and constructing a major project. Areas of endeavor may be in woods, metals, drafting, or any other industrial related area. Students must keep a record of work completed in notebook form. Importance is placed on design, planning, construction, time study, and cost-study of all projects. There is a fee for this course dependent on the project completed.

## Computer Aided Design and Drafting (CAD)

Course \#H8220 Grade 11-12 ½ Credit Semester Course
PREREQUISITE: Mechanical Drafting or Architectural Drafting
AIM OF COURSE: To provide students with the basic fundamentals of computer-aided drafting (CAD).

COURSE DESCRIPTION: This class will require students to learn and use CAD commands to complete drawing assignments. In the Mechanical Drafting path students will be able to draw orthographic, pictorial and auxiliary views of mechanical objects using CAD. In the Architectural Drafting path, advanced architectural floor plans and elevations will be completed. This course is recommended for students going into the fields of fashion design, interior decoration, architecture, engineering, and drafting.

## Special Education Classes

The special education curriculum is paced for students with an IEP (Individualized Education Plan). This includes accommodations, modifications, and alternate curriculums. The following courses are only offered for students with an IEP: English 9 Basic, English 10 Basic, English 11 Basic, English 12 Basic, Math Basic, Math 1 Basic, Math 2 Basic, Co-Op Basic, Civics Basic, U.S. History Basic, Science Basic, Science 1 Basic, Computer Concepts Basic, and Positive Life Attitudes.

## Business Courses

Graduation Requirements: Computer Concepts 1 and **Careers \& Digital Literacy (**For class of 2021 and any class after)

Key: Y Year long
S Semester long course

+ Graduation Requirement
* Honors/ Weighted Course

| Course | Prerequisite | Term | Grade |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9 | 10 | 11 | 12 |
| Computer Concepts $1+$ | None | S | X | X | X | X |
| Careers \& Digital Literacy + | None | S | X | X |  |  |
| Computer Concepts 2 | Computer Concepts 1 | S | X | X | X | X |
| Business Ventures | None | S |  | X | X | X |
| Multimedia Applications 1 | None | S |  | X | X | X |
| Multimedia Applications 2 | Multimedia Applications 1 | S |  |  | X | X |
| AP Computer Science * | Math 1 | Y |  | X | X | X |
| Accounting * | Math 2 with a "C" or better | Y |  |  | X | X |
| Inter-related Cooperative Education Class (Co-op Class) | Must be employed <br> (NOT at a family business) | Y |  |  |  | X |
| Inter-related Cooperative Education Work (Co-op Work) | Must be employed <br> (NOT at a family business) |  |  |  |  | X |

## Careers \& Digital Literacy

Course \#H7101 Grade 9-10 ½ Credit Semester Course

PREREQUISITE: None. Preferred enrollment during freshman year.
AIM OF COURSE: To assist the student in using technology safely and to help students explore future career choices.

COURSE DESCRIPTION: This course is designed to allow student self-exploration of interests and abilities as they apply to future career choices and study internet safety. Units of study include legal use of creative works, cyberbullying, internet safety, career research, and creating four-year plans of study to prepare for post-secondary education. Projects are completed using various online technology tools. Completion of the career research project is required to pass this course.

## Computer Concepts 1

Course \#H7100 Recommended grade 9 or 10 ½ Credit Semester Course
PREREQUISITE: None.
AIM OF COURSE: To assist the student expanding computer skills that can be applied to all areas where computers are utilized.

COURSE DESCRIPTION: This course is designed to introduce students to the fundamentals of computer operations and the principles of business-oriented software programs. Included will be units of instruction in word processing, spreadsheets, and presentation software. Emphasis on career exploration, proofreading, and producing properly formatted business documents will be incorporated into the course.

## Computer Concepts 2

Course \#H7190 Grade 9-12 ½ Credit Semester Course

PREREQUISITE: Computer Concepts 1
AIM OF COURSE: To help students develop more advanced computer skills in business-oriented software programs that can be applied to all areas where computers are utilized.

COURSE DESCRIPTION: This course is designed to give students advanced instruction
in computer application software. Included will be units of advanced instruction in word processing, spreadsheets, presentation, and database management software. More complex features of the software will be presented in this project-based course.

## Business Ventures

Course \#H7020 Grade 10-12 ½ Credit Semester Course
PREREQUISITE: None
AIM OF COURSE: To provide students with the opportunity to explore starting, financing and running a business.

COURSE DESCRIPTION: Topics to be covered include supply and demand;
production, productivity, and an in-depth look into the different economic factors and marketing strategies that apply to the school based business world. Students will have the opportunity to create their own business and participate in a variety of computer business simulations while also learning about web-based businesses. This course is definitely for the student who would like to use their creativity to investigate the world of business.

## Multimedia Applications 1 (Web Design)

Course \#H7120 Grade 10-12 ½ Credit Semester Course

## PREREQUISITE: Computer Concepts 1

AIM OF COURSE: To provide the student with the basics of web design and various Web 2.0 tools.

COURSE DESCRIPTION: A basic web design course that uses a variety of software to produce websites. Students will learn the basics of coding to create websites from scratch using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). In addition, Web 2.0 tools will be used to develop ready-made websites using the software of Weebly and Google Sites.

## Multimedia Applications 2

Course \#H7130 Grade 11-12 .5 Credit Semester Course

## PREREQUISITE: Multimedia Applications 1

AIM OF COURSE: To provide the student with more advanced knowledge of desktop publishing, web publishing, and various Web 2.0 tools and apps.

COURSE DESCRIPTION: Advanced instruction in scanners, digital cameras, photo editing, and video editing. Instruction in Web 2.0 tools and apps will be included and will result in producing documents that are ready for final publication.

## AP Computer Science *

Course \#H7140 Grade 10-12 1 Credit Year Course
PREREQUISITE: Math 1. Computer Concepts 1.
AIM OF COURSE: To provide students with a basic understanding in computer science with a focus in Java programming language.

COURSE DESCRIPTION: This course emphasizes problem solving and design using Java language. The course introduces students to computer science with fundamental topics that include problem solving, design strategies, methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The techniques learned during this course allow students to develop solutions that can scale up from small, simple problems to large, complex problems.

## Accounting *

Course \#H7030 Grade 11-12 1 Credit Honors Course Year Course
PREREQUISITE: A grade of B or higher in Math 1 and 2. A Math 1 or 2 grade of a C for either semester requires instructor approval.

AIM OF COURSE: To prepare students for careers in business.
COURSE DESCRIPTION: College accounting uses an integrated approach to teach accounting. Students first learn how businesses plan for and evaluate their operating, financing and investing decisions and then how accounting systems gather and provide data to internal and external decision makers. This year-long course covers all the learning objectives of traditional college level financial accounting course, plus those from a managerial accounting course. Topics include an introduction to accounting, accounting information systems, time value of money, and accounting for merchandising firms, sales and receivables, fixed assets, debt and equity. Other topics include statement of cash flows, financial ratios, cost-volume profit analysis and variance analysis.

## Inter-related Cooperative Education Class (Co-op Class)

## Course \#H5310 Grade $12 \quad 1$ Credit Year Course

Successful completion of this course will fulfill the Resource Management graduation requirement.

PREREQUISITE: Concurrent enrollment in work phase.
AIM OF COURSE: To give the student supervised work experience with the objectives of learning general occupational skills both in the classroom and on the job.

COURSE DESCRIPTION: Interrelated Cooperative Education is designed to provide an opportunity for students to develop marketable skills and knowledge in a variety of occupations. Students are released from school for their paid cooperative education work experience and participate in related classroom instruction. Classroom instruction focuses on providing students with employability skills, career exploration skills related to the job, improving the student's abilities to interact positively with others as well as specific job skills. The course content includes the following broad areas of emphasis: job seeking skills, planning for the future, personal development, interpersonal relationships, legal protection and responsibilities, organizations and job termination, and strategies for success. In addition, broad areas of emphasis include goal setting, budgeting, financial planning, managing money, budgeting, saving/investing, insurance, purchasing a vehicle, housing, credit, debt, installment purchasing, and comparison of prices.

# Inter-related Cooperative Education Work (Co-op Work) 

Course \#H8300 Grade 121 Credit Semester Course
PREREQUISITE: Concurrent enrollment in Interrelated Cooperative Education Class

AIM OF COURSE: To give the student supervised work experience with the objectives of learning general occupational skills both in the classroom and on the job.

COURSE DESCRIPTION: This is the work portion of the Interrelated Cooperative Education. It is designed to provide on the job opportunity for students. Students are released from school for their paid cooperative education work experience.

Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student and employer assume compliance with federal, state and local laws and regulations. The student, parent, employer, and coordinator must sign the training agreement.

## Students Must:

- Complete the work co-op application process.
- Have a job at an approved site by the first day of school or will be dropped from the course (You can't work for your family business or be employed by a relative)
- Be able to be released from school every afternoon
- Provide their own transportation
- Show proof of insurance and valid driver's license
- Must be 17 years of age before school starts
- Follow all workplace rules and regulations
- Follow all school rules


## Office Assistant

Course \#H5500 Grades 11-12 No credit
PREREQUISITE: Administrative Approval
COURSE DESCRIPTION: Assist in the Main Office, Library, Tech Office or Counseling Office doing various jobs as needed by staff. Approval is necessary and only a maximum of 2 students are allowed per office, per period. Assistants are assigned based on staff need.

## Study Hall

Course \#H5220 Grades 9-12 No credit
COURSE DESCRIPTION: Non credit study hall for students who need extra time during the day to make progress with classwork.

## ICC Dual-Credit Classes and Early

## Graduation

Dual-credit classes are taken online with ICC. You MUST take the class at Dee-Mack, during school hours on your Chromebook, to gain dual-credit (You earn college credit for taking a college class and you earn high school credit because you are taking it during your day at Dee-Mack. You must take the ACCUPLACER test in the Spring to qualify for these classes. Dual-Credit courses are a privilege earned as a Senior. Currently we offer the following classes as dual-credit through ICC:

```
+ English 110-Fall Class
+ English 111-Spring Class
+ Intro to Psychology - May be Fall or Spring
+ Intro to Sociology - May be Fall or Spring
```

NOTE**- You can still take classes at ICC either during the summer or even after school hours and you will earn college credit. However, unless an extenuating circumstance arises, you will not receive earn school credit.

If you are interested in graduating early, please read the following guidelines:

+ You must meet with Mr. Panner for credit assessment
+ You must complete the Early Graduation Request form in time for the December board meeting of the Fall semester prior to the year you graduate early (e.g. You want to graduate at the end of the Fall 2019 semester so you must complete your paperwork and submit before the December 2018 board meeting)
+ You must go to the board meeting and tell them why you would like to graduate early.


## ICC ENG 110 - Composition I

Grade: 12
Credit: . 5 HS credits / 3 College credits
PREREQUISITE: Approved ACCUPLACER reading score

COURSE DESCRIPTION: This course progresses the student from writing expressive compositions (expressing the ideas of the writer) to writing referential compositions (explaining or analyzing the subject matter for the reader) to writing persuasive compositions (persuading an audience), through critical reading, discussion, exercises, conferences, and revision. The majority of the writing is referential.

## ICC ENG 111 - Composition II

Grade: 12
Credit: . 5 HS credits/ 3 College credits

PREREQUISITE: Must take and pass ENG 110 with a "C" or better

COURSE DESCRIPTION: This course progresses the student from writing analysis of and inquiring about issues to writing argumentative and persuasive compositions using research, through critical reading, discussion, exercises, conferences, and revision. The majority of the writing is argumentative.

## ICC PSY 110 - Intro to Psychology

Grade: 12
Credit: . 5 HS credits/ 3 College credits

PREREQUISITE: Approved ACCUPLACER reading score

COURSE DESCRIPTION: Psychology is the scientific study of behavior and mental processes. This course will introduce the student to fundamentals of physiological psychology, sensation and perception, learning, emotions and motivation, and psychological disorders and their treatment. The role of research and the scientific method are emphasized throughout the course.

## ICC SOC 110 - Intro to Sociology

Grade: 12

PREREQUISITE: Approved ACCUPLACER reading score

COURSE DESCRIPTION: This course utilizes the approaches of functionalism, conflict theory, and interactionism to analyze the structures and processes of group life from a scientific perspective. Major areas of inquiry include: theory and methodology, culture, social organizations, socialization, groups, institutions, formal organizations, collective behavior, and social change.

## Work-Based Learning(WBL)

Work-Based Learning provides students with an opportunity to learn more about, and earn experience in, the trade industry or certified nurse assistant field. Students in their Senior year will experience this program in two ways:

## Certified Nurse Assistant (CNA)

Illinois Central College (ICC), in cooperation with local high schools, offers high school seniors the opportunity to learn about careers in Health Care and qualify to take the State Exam to become a Certified Nursing Assistant (CNA).
This is a great opportunity to earn a college certificate while still in high school. Work-based learning, dual credit Health Occupations classes meet from 7am to 10am Monday through Friday in Peoria, Pekin, or Eureka. If selected to participate, all students will be required to provide their own transportation.
Students will exit this program with eligibility to sit for the Nursing Assistant State Exam, CPR Certification, and 7.5 college credits. Any student interested in a career in health care is encouraged to apply. Applications are available with Mr. Panner. Deadline for applications is February 1, 2020. Once applications are screened, students may be scheduled for an interview. Selection for this program is based on availability and high school attendance record.
Students will report to ICC where they will take some nursing classes and assist nurses on the medical floor at a local hospital. Students in this program will go to their site in the morning and return to Dee-Mack for 5th period. If you achieve a "C" or better, WE (Dee-Mack) PAY FOR THIS!!!MUST HAVE YOUR OWN TRANSPORTATION. Students in this program arrive to Dee-Mack after 3rd hour from ICC

Length of Course: One (1) Semester
Credit Earned: One (1) per semester
Open to: 12th Grade

## Construction

Students will report to P.E.R.F.E.C.T. where they will take some classes and spend time working with different trade professions. You will spend two weeks with each profession and will also receive your OSHA-10 certification.. Students in this program will go to Dee-Mack HS in the morning and leave to go to P.E.R.F.E.C.T. after 4th period. If you achieve a "C" or better, WE (Dee-Mack) PAY FOR THIS!!! MUST HAVE YOUR OWN TRANSPORTATION. Students in this program arrive to ICC after 4th hour from Dee-Mack

Length of Course: One (1) Year

Credit Earned: One (1) per semester

Open to: 12th Grade

## Emergency Medical Services (EMS)

Students will complete a series of classes which will prepare them to take the Illinois Department of Public Health Emergency Medical Responder licensure exam, the Illinois Department of Health EMT licensing exam, or the National Registry of Emergency Medical Technician EMT certification exam. MUST HAVE YOUR OWN TRANSPORTATION. Students in this program arrive to Dee-Mack after 3rd hour from ICC

Length of Course: One (1) Year

Credit Earned: One (1) per semester
Open to: 12th Grade

## Production Welder Certificate

The mission of the Production Welder certificate program is to prepare students with the knowledge and skills pertaining to gas metal arc welding processes for employment as an entry-level welder. This certificate program provides minimum coursework and laboratory practice for individuals gaining MIG (GMAW) welding skills required by local employers for entry-level production welding skills. Students focus on the theory and practice associated with production welding in a manufacturing setting. MUST HAVE YOUR OWN TRANSPORTATION. Students in this program leave Dee-Mack after 4th hour to go to ICC

Length of Course: One (1) Year, split into two Certificates

Credit Earned: One (1) per semester
Open to: 12th Grade

## Welding Operator Certificate

The Welding Operator Certificate consists of twelve semester hours of instruction. Upon completion of this program, the graduate is prepared for entry-level employment as a manufacturing production or construction apprentice welder. MUST HAVE YOUR OWN TRANSPORTATION. Students in this program leave Dee-Mack after 4th hour to go to ICC

Length of Course: One (1) Year, split into two Certificates (production welding is the first certificate

Credit Earned: One (1) per semester
Open to: 12th Grade

## Electives

Elective classes are ANY class that is additional to the required classes:

Examples:

+ You need 2 years of Science for graduation. You take Biology and General Science. Your third year you take Chemistry. Chemistry falls outside the 2 years of Science and is now classified as an elective.
+ You are in Band, which meets the graduation requirement of 1 year of either music, foreign language, art, or vocational education. If you take any class in these categories after your 1 year of band (i.e. yearly Band/Chorus involvement, Spanish, Industrial Tech., Art) these credits will be elective credits.
+ You don't need to take Intermediate Art to graduate, but you take it anyways. This is an elective credit.
+ Work-based learning programs (i.e. CNA and Construction) are electives.


## You need 8.0 credits of elective classes to graduate (16 semester classes total)

Please refer to the Elective Class list on the next page when selecting elective classes. Please be sure you have taken the prerequisites required before requesting a class with prerequisites.

## 1st Semester Elective Classes List

## English

+ Modern Literature (S)


## Math

+ Statistics (S)
+ Trigonometry (S)


## Social Studies

+ Human Behavior (S)
+ Contemporary Issues (S)
+ Geography (S)

Family and Consumer Sciences (After completion 1 year of Art, Music, Vocational Education or Foreign Language)

+ Food \& Nutrition $1(\mathrm{~S})$
+ Child Development (S)
+ Child Care 1 (S)


## Business

+ Multimedia Applications (S)
Industrial Tech (After completion 1 year of Art, Music, Vocational Education or Foreign Language)
+ Intro to Metal/Wood (S)
+ Intro to Drafting (S)
+ Architectural Drafting (S) (Intro to Drafting prerequisite)
+ Machine Woodworking (S) (Intro to Metal/Wood prerequisite)

Art (After completion 1 year of Art, Music, Vocational Education or Foreign Language)

+ Digital Photography (S) (Digital Art prerequisite)
+ Drawing (S) (2D Art prerequisite)
+3 D Art (S) (Intro to Art prerequisite)
+ Ceramics (S) (3D Art prerequisite)


## 2nd Semester Elective Classes List

## English

+ Elements of Communication (S)


## Math

+ Trigonometry (S)


## Social Studies

+ Geography (S)
+ Sociology (S)
+ Contemporary Issues (S)

Family and Consumer Sciences (After completion 1 year of Art, Music, Vocational Education or Foreign Language)

+ Food \& Nutrition 2 (S) (Foods 1 prerequisite)
+ Foods 3: Culinary Occupations (S) (Foods 2 prerequisite)
+ Parenting (S)
$+\quad$ Child Care 2 (S) (Child Care 1 prerequisite)


## Business

+ Computer Concepts $2(\mathrm{~S})$
+ Business Ventures (S)

Industrial Tech (After completion 1 year of Art, Music, Vocational Education or Foreign Language)

+ Intro to Metal/Wood (S)
+ Mechanical Drafting (S) (Intro to Drafting prerequisite)
+ Computer Aided Drafting (CAD) (S) (Arch. Drafting prerequisite)
+ General Metals/Welding (S) (Intro to Metal/Wood prerequisite)
+ Advanced Shop Technology (S) (Machine Woodworking prerequisite)
+ Advanced Metals (S) (General Metals/Welding prerequisite)

Art (After completion 1 year of Art, Music, Vocational Education or Foreign Language)

+ Digital Video (S) (Digital Art prerequisite)
+ Painting (S) (2D Art prerequisite)
+ Digital Art (S) (Intro to Art prerequisite)
+ Sculpture (S) (3D Art prerequisite)


## Full Year Elective Classes List

## English

+ Yearbook (Y)


## Science

+ Any Science class taken after completion of required 2 years (All are year-long)


## Math

+ AP Calculus

Social Studies

+ World History (Y)


## Business

+ Accounting (Y)
+ Co-op class/work (Y) (Approval needed)
+ AP Computer Science (Y)

Art (After completion 1 year of Art, Music, Vocational Education or Foreign Language)

+ Band
+ Chorus
+ Intro to Art

Foreign Language (After completion 1 year of Art, Music, Vocational Education or Foreign Language)
$+\quad$ Spanish 1 (Y)

+ Spanish 2 (Y) (Spanish 1 prerequisite)
+ Spanish 3 (Y) (Spanish 2 prerequisite)
+ Spanish $4(\mathrm{Y})$ (Spanish 3 prerequisite)


## Senior Registration for School Year 2021-2022

| $1^{\text {st }}$ Semester | $2^{\text {nd }}$ Semester |
| :--- | :--- |
| AP English 12 OR English 12 (circle) $\quad$ AP English 12 OR English 12 (circle) |  |
| Physical Education <br> Athletic P.E. | Physical Education <br> Athletic P.E. $\quad$ CIRCLE ONE |
| Resource Management OR elective <br> (must take Resource Management for one <br> semester) | Resource Management OR elective <br> (must take Resource Management for one <br> semester) |
| Elective Class choice | Elective Class choice |
| Elective Class choice | Elective Class choice |
| Elective Class choice |  |

Student Name (FAILURE TO SUBMIT FORM AFTER 03/05/21 MAY RESULT IN LOSS OF CHOICES)

Parent Signature (FAILURE TO SUBMIT FORM AFTER 03/05/21 MAY RESULT IN LOSS OF CHOICES)

Student's Career Choice or Plans after High School

## TO BE COMPLETED BY COUNSELING DEPARTMENT!!! DO NOT WRITE ANYTHING BELOW THIS LINE!!

Time and Date submitted:

YOU MAY ONLY TURN THIS IN TO MS. DINARDI OR MR. PANNER!!!!

## Junior Registration for School Year 2021-2022

| $1^{\text {st }}$ Semester | $2^{\text {nd }}$ Semester |
| :--- | :--- |
| English 11 or Applied English 11 (circle) | English 11 or Applied English 11 (circle) |
| Physical Education $\quad$ CIRCLE ONE <br> Athletic P.E. | Physical Education <br> Athletic P.E. $\quad$ ONE |
| Early American History | Early American History |
| Math 3 | Math 3 |
| Elective Class choice | Elective Class choice |
| Elective Class choice | Elective Class choice |
| Elective Class choice OR Study Hall |  |

Student Name (FAILURE TO SUBMIT FORM AFTER 03/05/21 MAY RESULT IN LOSS OF CHOICES)

Parent Signature (FAILURE TO SUBMIT FORM AFTER 03/05/21 MAY RESULT IN LOSS OF CHOICES)
$\qquad$

Student's Career Choice or Plans after High School

## TO BE COMPLETED BY COUNSELING DEPARTMENT!!! DO NOT WRITE ANYTHING BELOW THIS LINE!!

Time and Date submitted:

YOU MAY ONLY TURN THIS IN TO MR. MCLEMORE OR MR. PANNER!!!

## Sophomore Registration for School Year 2021-2022

| $1^{\text {st }}$ Semester | $2^{\text {nd }}$ Semester |
| :--- | :--- |
| English 10 or Applied English 10 (circle) | English 10 or Applied English 10 (circle) |
| Physical Education | Physical Education |
| Math 2 | Math 2 |
| Science: General / Bio 2 / Chem 1 | Science: General / Bio 2 / Chem 1 |
| Elective Class choice <br> (Have you taken Computer Concepts 1 or <br> Health yet?) | Elective Class choice <br> (Have you taken Computer Concepts 1 or <br> Health yet?) |
| Elective Class choice |  |
| (Art, Music, Voc. Ed., Foreign Language?) | Elective Class choice <br> (Art, Music, Voc. Ed., Foreign Language?) |
|  | Elective Class choice |

Student Name (FAILURE TO SUBMIT FORM AFTER 03/09/21 MAY RESULT IN LOSS OF CHOICES)

Parent Signature (FAILURE TO SUBMIT FORM AFTER 03/09/21 MAY RESULT IN LOSS OF CHOICES)

Student's Career Choice or Plans after High School

# TO BE COMPLETED BY COUNSELING DEPARTMENT!!! DO NOT WRITE ANYTHING BELOW THIS LINE!! 

Time and Date submitted:

YOU MAY ONLY TURN THIS IN TO MRS. MCMAHAN OR MR. PANNER!!!!

# Freshman Registration for School Year 2021-2022 

Core Subjects - Teacher recommendation only
Teacher Initials

Applied English or English 9

Math 1 or Math 1 (accelerated)
Life Science or Biology 1
Freshman Requirements
PE
Civics
Careers/Digital Literacy and Computer Concepts Study Hall

Freshman Electives - This is the only section to be filled out by students

Semester 1 Elective

Semester 2 Elective

## Alternate Electives

Alternate 1
Alternate 2

## Registration Agreement Form

Signing this agreement form indicates that I , as well as my parents, understand and agree to the following policies and procedures regarding the registration process:

+ I understand that I have 2 weeks after Mr. Panner's registration presentation to fill out and turn in my registration form.
+ I understand that if I miss the 2 week deadline to turn in my registration form, Mr. Panner will choose my classes for me and may deny any schedule change requests.
+ I understand that registration forms are processed on a "first come, first served" basis which means if I turn in my form later, and a class is full, I won't be able to enroll in that class.
+ I understand and have read the course description guide, which tells me everything I need to know about the classes I'm interested in and will help me choose my classes.
+ I understand that due to class exclusivity and size, I may not get every class I ask for and therefore I need to identify AT LEAST 2 alternate classes.
+ I understand that failing to choose AT LEAST 2 alternate classes means that if an alternate is needed, Mr. Panner will choose it for me and may deny schedule change requests.
+ I understand that the classes I choose on my registration form are the classes I will be enrolled in.
+ I understand that if I request a schedule change next year, the request may be denied if the class I am requesting is not on my registration form.
+ I understand that my registration form will not be accepted if this agreement form is not signed and submitted along with it.

Parent Name:

PRINT

SIGN

Student name:

## PRINT

SIGN

