

Lincoln High School Course Guide Book 2023-2024

Principal: Michael Harris

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Dean of Students: Darrius Alexander

Counselors: Martha Hoffman and Deana Harris

Vision Statement

The vision of Lincoln High School, in cooperation with the community, is to create an environment that will engage students in academic success, proficiency in technology, and career development, thus empowering them to be active participants in an ever-changing world.

Mission Statement

Rigorous Academics, Respectful Behavior, Relentless Effort!



Lincoln Senior High School

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Rigorous Academics, Respectful Behavior, Relentless Effort!

August 2023

Dear Students and Families,

Lincoln High School is a part of Van Dyke Public Schools and is comprised of approximately 575 students in grades 9 - 12, in Warren, Michigan.

Lincoln High School is committed to raising student achievement as measured by the state tests and to close the achievement gaps. These challenges are diligently being addressed by implementation of Prioritized Standards, Instructional Learning Cycles, Balanced Common Assessments and Professional Learning Communities with a focus on student data. Students who are identified as “not proficient” based on our universal screener are placed into a comprehensive tiered intervention system with a major emphasis on Literacy. Additional Multi-Tiered Systems of Support (MTSS) are in place for students who struggle with attendance and behavior as a cause for low academic success.

Lincoln High School offers a wide variety of courses for our students ranging from Honors sections of Math, Science and English, many Career and Technology courses and internships, Vocal and Instrumental Music, Dual Enrollment and Early College at Macomb Community College and much more. Please review our complete course catalog for a full description of our offerings.

Sincerely,

Michael Harris

Principal

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School Year	Credits Possible
9 th grade	6
10 th grade	6
11 th grade	6.5
12 th grade	6.5
	<i>total possible: 25</i>
	Required to graduate: 22
Requirements for Class of 2024	
School Year	Credits Possible
9 th grade	6
10 th grade	6.5
11 th grade	6.5
12 th grade	6.5
	<i>total possible: 25.5</i>
	Required to graduate: 22
Requirements for Class of 2025 and beyond	
School Year	Credits Possible
9 th grade	6.5
10 th grade	6.5
11 th grade	6.5
12 th grade	6.5
	<i>total possible: 26</i>

	Required to graduate: 22
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Lincoln High School Graduation Requirements

(22 credits)

+ Denotes Michigan Merit Curriculum Requirement

ENGLISH (4 CREDITS)

- English 9+
- English 10+
- English 11+
- English 12+

MATHEMATICS (4 CREDITS)

- Algebra I (or Honors)+
- Geometry (or Honors)+
- Algebra II (or Honors/Pre-Calculus)+
- One additional Math related course during the Senior year+

SCIENCE (3 CREDITS)

- Biology+
- Physics or Chemistry+
- One additional Science related course+

SOCIAL STUDIES (3 CREDITS)

- World History and Geography+
- US History and Geography+
- Economics (.5 credit)+
- Government (.5 credit)+

PHYSICAL EDUCATION/HEALTH (1 CREDIT)

- Health (.5 credit)+
 - Physical Education* (.5 credit) +
- *3 years of Marching Band waives PE Credit

VISUAL, PERFORMING AND APPLIED ARTS (1 CREDIT)

- Course credit aligned to State guidelines+

WORLD LANGUAGE (2 CREDITS)

- Spanish 1+
- Spanish 2*+

*Second year of credit may be waived by completing approved Career and Technical Education program or completing an additional Visual, Performing and Applied Arts course.

COMPUTER COURSE (.5 CREDIT)
· Computer Applications or equivalent
ADDITIONAL ELECTIVES (3.5-5.5 CREDITS)
· Additional elective credits throughout grades 9-12 of students' choice

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Promotion, Scheduling, Course Completion and Graduation Information

Promotion

In order for a student to be moved ahead to the next grade, they must at least five credits each year. In order for a 9th grader to promote to 10th grade, they need 5 credits total. For a 10th grader to promote to 11th they need 10 credits total. For an 11th grader to promote to 12th they need 15 credits total. Note, even with 5 credits per year, a student would not be fully on track to graduate on time without additional credit recovery.

Course Selection

Each year, students meet with their counselor to choose courses for the following academic year. Course verification sheets are sent home for parental awareness. The master schedule is created based on student selection of courses. After creation of the master schedule, further elective changes will be honored on a needs-only basis.

Course Availability

All courses listed in this course book require a sufficient number of students to run in a given year. If there is not sufficient interest in a particular course, it will not run. These decisions are made in late spring for the following year. Counselors will use alternative course if a course does not run or if it is too full.

Schedule Changes

Each year, a new master schedule is created to accommodate the course requests students have made. Changes in course requests may be honored prior to June, however, teachers are employed and materials are purchased in accordance with these requests. Students will receive a copy of their final schedule on the first day of school and not modifications will be after that time. Students must also maintain a full schedule (3 credits per semester) while attending Lincoln High School.

Recovery Credit and Course Retakes

If a course is not successfully completed when initially scheduled, students will have opportunity to take the course virtually, through PLATO. This can be assigned during our free summer school sessions, as an at-home additional credit, or within the students' daily schedule if room allows. Occasionally a student may be permitted to re-take the original course, if space is available for them in the classroom. Any student wishing to retake a course for a higher grade, even though they passed the course initially, should speak to their counselor about utilizing PLATO for this option.

Testing Out

Legislation requires that students be given the opportunity to test-out of any course. In order to

test out, a student must exhibit mastery of the subject matter by attaining a grade of 77% or higher on the comprehensive final exam. For those that demonstrate mastery in this way, Credit earned will be based on a “credit” (CR) grade and will not be used in the computation of grade point average. If a student wishes to attempt to test out of a course, they must seek permission from the principal at least two weeks (10 school days) prior to the start of a new semester.

Credit by Exam

If a student earns less than 60% in a completed course, but scores a 77% or higher on the final exam for that course, the student will receive “credit” (CR) for the course. This course will not be used in the computation of grade point average.

Credit Only Due to Attendance

Any student who has 16 or more unexcused absences in a class will only be eligible to receive “credit” (CR) for the course, not a letter grade. Credit can be earned if the student's final grade is 60% or higher or if the final exam is passed with 77% or higher. If a student has not met one of the criteria for earning credit, they will receive an “F” for the course.

Incompletes

If a student is unable to complete the necessary coursework for a class prior to final grades being due, the student will receive an “F” for the course, but may work with the teacher and counselor to arrange to complete the work within a given timeframe and a grade change form will be submitted upon completion of the coursework which will then be reflected on the student's transcript.

Personal Curriculum

Certain criteria may exist which would exempt a student from taking a portion of the Required Michigan Merit Curriculum or additional Van Dyke Graduation Requirements. In such instances a District team will meet to determine the student's eligibility for these exceptions and a personal curriculum will be created.

High School Diploma

The Board shall award a high school diploma to every student enrolled in Van Dyke Public Schools who meets the requirements of graduation established by this board and the Michigan Department of Education by the last day of the Senior Year. If a student has not completed the requirements by the last day of the Senior Year, attending additional days, summer school or another year of school may be necessary in order to receive the diploma at a date later than the current year's commencement ceremony.

Graduation Honors

Ranking for Valedictorian, Salutatorian and Top Ten Academic will be determined by using the student's overall GPA through the first semester of the Senior Year.

Highest Honors is reserved for students with an overall GPA of 3.75-4.0.

High Honors is reserved for students with an overall GPA of 3.30-3.74.

Honors is reserved for students with an overall GPA of 3.0-3.29.

Counseling Information

The Counseling Assignments at Lincoln High School are as follows:

9th grade: Mrs. Martha Hoffman

10th-12th grade: Mrs. Deana Harris

Counseling Office Secretary: Mrs. Tammy Piersol

A student can see a counselor to:

- Seek scheduling information.
- Select a career pathway or prepare for opportunities following high school.
- Obtain information about college applications, entrance tests or standardized testing concerns.
- Discuss personal struggles.

Students must see their assigned counselor for academic support. Anyone wishing to see a counselor should make an appointment with a counseling office secretary and understand that there may be a 24-48 hour wait for the visit, unless it is an emergency. Current information and literature on careers, colleges, universities, vocational schools, scholarships and tests are available in the counseling office. Transcripts can also be requested by contacting the counseling secretaries. The direct counseling office phone line is: 586-758-8312.

Special Education Services

Lincoln High School provides a variety of courses and services to meet the unique needs of all students. All students are encouraged to participate in general education curriculum to the fullest extent possible. In cases where a student's disability adversely impacts their performance in the general education classroom, special education classes and supports will be carefully considered based on their Individualized Education Plan. In cases in which a student receives most of their coursework within contained Special Education classes they may be eligible for a certificate of completion rather than a diploma which may alter which classes are required.

Dual Enrollment

Effective April 1, 1996, Public Act 160 created the Postsecondary Enrollment Options Act, commonly referred to as dual enrollment (Amended by Public Acts 131, 132,133,134 of 2012). This law directs school districts to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities, if all of the following conditions are met:

1. Students are in grades 9–12

2. Students can qualify for dual enrollment by taking one of the following assessments:

Assessment	Test Section	Content Area	Minimum Qualifying Score
PSAT 9	Critical Reading	EB Reading & Writing	460
	Mathematics	Mathematics	510
PSAT 10	Critical Reading	EB Reading & Writing	460
	Mathematics	Mathematics	510
SAT	Critical Reading	EB Reading & Writing	480
	Essay Skills	Writing Skills	TBD
	Mathematics	Mathematics	530
ACT	Mathematics	Mathematics	22
	Reading	Reading	22
	Science	Science	23
	English	English	18
COMPASS	Mathematics	Mathematics	52
	Reading	Reading	88
	English	English	77
MME	ELA	ELA	2100
	Mathematics	Mathematics	2100
	Science	Science	2100
	Social Studies	Social Studies	2100
ACCUPLACER	Reading Comprehension	Reading	TBD

	Sentence Skills	Writing	TBD
	Mathematics	Mathematics	TBD

Additionally, if you have not achieved a qualifying score in all subject areas on a college readiness assessment or the Michigan Merit Examination, you then are only eligible under the limited purpose of enrolling in 1 or more courses under this act. The course must meet one of the following: for which you have achieved a qualifying score, computer science or a foreign language not offered by the school district, or in fine arts as permitted by the school district. Below is a table showing possible scenarios for taking dual enrollment courses. The total number of courses may not exceed 10 and a student may not take dual enrollment, with a few exceptions, beyond his/her fourth year in high school.

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If an eligible student fails to successfully complete a course: Public school students must repay the school district any eligible charges expended by the school district and not refunded by the postsecondary institution.

Maximum Number of Courses Allowed Each Year				
	Begins in grade 9	Begins in Grade 10	Begins in Grade 11	Begins in Grade 12
Grade 9	2			
Grade 10	2	2		
Grade 11	2	4	6*	
Grade 12	2	4	6*	6

**Cannot exceed a total of 10 courses over years 11 and 12 combined without written agreement by the postsecondary institution and the local district.*

3. Students must be enrolled in both the school district and postsecondary institution during the local school district's regular academic year and must be enrolled in at least one high school class.
4. The district must not offer the college courses. An exception to this could occur if the local board of education determines that a scheduling conflict exists, which is beyond the student's control.
5. The college courses cannot be a hobby, craft, or recreation course, or in the subject areas of

physical education, theology, divinity, or religious education.

6. School districts are required to pay the lesser of:

A. the actual charge for tuition, mandatory course fees, materials fees and registration fees; or

B. the portion of the state average foundation allowance, adjusted to the proportion of the school year they attend the postsecondary institution.

Early College of Macomb Community College

Students entering into 11th grade have the opportunity during the winter of their 10th grade year to apply for the MCC Early College program. This program allows students to complete their high school credits while also earning credit toward an Associate's Degree which will be completed during a 13th year at no cost to the student. The entrance criterion for this program is similar to the Dual Enrollment criteria, but requires a more serious commitment on the part of the student. If a student is interested in this opportunity they should meet with their counselor by December of their 10th grade year.

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Course Offerings

English Department

English 9 – 2 semesters, 1 credit, Grade 9

In this course, students will learn literacy strategies to improve their reading and writing skills. They will also further develop their appreciation and understanding of literature. In addition to reading and responding to literature and nonfiction, students will participate in grammar usage and vocabulary exercises. Major units will include short stories, poetry, Romeo & Juliet, the Odyssey, and a novel study.

English 10 – 2 semesters, 1 credit, Grade 10

In this course, students will practice literacy strategies to further improve their reading and writing skills. In addition to reading and responding to literature and nonfiction, students will participate in grammar and vocabulary exercises. A major element of this course involves students learning and applying the skills needed to write literary and rhetorical analysis essays. Readings include Of Mice and Men, The Crucible, Othello, and A Raisin in the Sun.

English 11 - 2 semesters, 1 credit, Grade 11

Students focus on enhancing reading comprehension and writing skills as they begin intense preparation for the English and Reading portions of the SAT test. A major element of this course involves students learning and applying the skills needed to write rhetorical analysis. Students will participate in grammar usage and vocabulary exercises. They will continue to develop

nonfiction reading skills as well the exploration of challenging fiction texts.

English 12 - 2 semesters, 1 credit, Grade 12

Students focus on enhancing reading comprehension and writing skills as they begin intense preparation for the English and Reading portions of the SAT test. A major element of this course involves students learning and applying the skills needed to write rhetorical analysis. Students will participate in grammar usage and vocabulary exercises. They will continue to develop nonfiction reading skills as well the exploration of challenging fiction texts.

Creative Writing – 1 semester, .5 credit, Grades 10-12

In this semester long course, students will express themselves in a variety of creative writing genres. These genres include drama, fiction, and poetry. Students will read short stories and poems by contemporary authors and will actively participate in weekly workshops.

Contemporary Reading – 1 semester, .5 credit, Grades 10-12

In this semester long course, students will explore various non-fiction and fiction texts. The course will focus on exposing students to texts that address issues relevant to contemporary society. A novel study will be completed on a text such as *The Kite Runner*. Students will participate in collaborative discussion to improve their communication skills and will be expected to respond to and reflect on texts in a variety of ways.

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Screen Literature – 1 semester, .5 credit, Grades 10-12

In this semester long course, students will explore units of instruction related to: screen writing, analyzing documentaries, history of film making, adaptations of literature, introduction to film analysis and analyzing characters in film.

Myths and Legends - 1 semester, .5 credit, Grades 10-12

In this semester long course, students will explore units of instruction related to: archetypes and hero's journey, creation legends across cultures, myths from different cultures, fairytales, fables, myths and legends.

Math Department

**Denotes a course that counts as 4th year Math Credit*

Algebra – 2 semesters, 1 credit, Grade 9

Algebra I is the study of operations. In this course, students will explore Linear, Polynomial, Exponential, and Bi-variate Data concepts. Students will also study the development of algebra as a mathematical system.

Geometry – 2 semesters, 1 credit, Grade 10

Geometry is the study of measurement and shapes. In this course, students will explore concepts in lines, angles, logic, triangles, quadrilaterals, polygons, circles, relationships among 2-D, 3-D

figures, and transformations. Students will also study the development of geometry as a mathematical system through algebraic properties.

Honors Geometry – 2 semesters, 1 credit, Grades 9-10

Students who successfully complete Algebra I in 8th grade, or excelled in Algebra I in 9th grade (based on teacher recommendation) will be placed into Honors Geometry. This course will go more in-depth into all the topics listed in Geometry and at an accelerated pace

Algebra II – 2 semesters, 1 credit, Grade 11

Algebra II is a continuation of the concepts covered in Algebra I. Students will explore concepts of data analysis, probability, matrices, as well as Logarithmic and Rational Functions. Students will further explore Quadratic, Polynomial, and Exponential Functions as well as sequences.

Honors Algebra II – 2 semesters, 1 credit, Grades 10-11

Students who successfully complete Honors Geometry in 9th/10th grade, or excelled in Geometry in 10th grade (based on teacher recommendation) will be placed into Honors Algebra II. This course will go more in-depth into all the topics listed in Algebra II and at an accelerated pace. In addition, students will explore Conics and Trigonometric Functions.

Precalculus* – 2 semesters, 1 credit, Grades 11-12; Prerequisite: Algebra II The course will be a comprehensive study of functions from a graphical, algebraic, and analytical perspective. Students will explore concepts of Trigonometric Functions, Trigonometric

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Identities, and an introduction to Limits and Differentiation. Students will further explore Functions, Conics and Sequences.

Calculus* – 2 semesters, 1 credit, Grade 12; Prerequisite: Precalculus

The following topics are covered in Calculus: limits and continuity, derivatives and applications, definite integrals and applications, differential equations and mathematical modeling.

Statistics and Probability* – 2 semesters, 1 credit, Grade 12; Prerequisites: Algebra I, Geometry, and Algebra II

This is a fourth year math course, beyond the core curriculum, built around data exploration, study design, probability models and statistical inference. Students will explore concepts of the binomial probability distribution, normal distribution, estimation, and hypothesis testing. Students will further explore data analysis and probability concepts.

Science Department

Geophysical Science – 2 semesters, 1 credit, Grade 9

This is an introductory course focusing on the main concepts of the physical sciences. This class is designed to prepare students for the rigors of chemistry and physics. It is presented in two semesters.

Semester A: Intro to Physics- This class is designed to use experiments and inquiry

thinking to investigate the motion of objects all around us. This class focuses on the mathematical nature of physics and includes calculations and graphing. Topics include, but are not limited to: forces, Newton's laws of motion, momentum, energy, sound, and light.

Semester B: Intro to Chemistry- This class is designed to use experiments and inquiry thinking to investigate the role of chemistry in everyday life. The laboratory work will develop students reasoning power and their ability to apply chemical principles; as well as acquaint students with proper laboratory techniques. Topics include, but are not limited to: atomic and molecular structure, balancing chemical reactions, electronegativity, chemical bonding and the periodicity of the periodic table.

Biology – 2 semesters, 1 credit, Grades 9-10

This is a full year science course designed to explore the living world and related societal issues. This course is aligned with the Next Generation Science Standards with an emphasis on critical thinking, modeling and inquiry. Students will study the characteristics and organization of life from the atom to the biosphere through a variety of topics including: cell structure and function, cell division, protein synthesis, genetics, evolution, biodiversity and ecology.

Chemistry - 2 semesters, 1 credit, Grades 10-12

This course uses Modeling instruction and inquiry thinking to help students build a model of chemical particles and a greater understanding of the effects of energy and bonding on these particles. Students explore the fundamental principles of chemistry which characterize the properties of matter and how it reacts. Student groups encounter chemical phenomena, explain their understandings and develop conclusions using argumentation as a basis for explanation.

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Topics include, but are not limited to; measurement, atomic structure, the periodic table bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, and acid/base chemistry.

Physics, 2 semesters - 1 credit, Grades 10-12

This is a full year science course designed to explore the pursuit of science and scientific data, velocity, acceleration, gravity, Newton's Laws of Motion, vectors, momentum, energy, heat, sound, light, electricity, magnetism. Students will apply content to laboratory procedures and safety, scientific thinking and reasoning, problem solving, hands on application projects and research-based/application projects. This course will take an algebraic and conceptual approach to explaining the fundamentals of physics. Students will be challenged to complete multiple application-based projects.

Anatomy & Physiology - 2 semesters, 1 credit, Grades 10-12; Prerequisite: Biology this is a full year science course designed to explore anatomy and physiology of the human body. The course will concentrate on the body at a microscopic level and then move on to the individual systems including the skeletal, muscular, nervous, endocrine, reproductive, digestive, respiratory, and urinary system. They will learn the language of anatomy and increase their knowledge of the body through laboratory experiences including an extensive fetal pig dissection with a lab practical assessment.

Environmental Science – 2 semesters, 1 credit, Grades 10-12; Prerequisites: Biology, Algebra this is a full year science course designed to provide students with the scientific principles and

concepts necessary to understand the inter-relationships of the natural world. Students will work to identify and analyze environmental problems both natural and human-made. Students will evaluate the relative risks associated with these environmental problems and examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary: students will study Next Generation Science Standards from Biology, Chemistry and Earth Science.

Social Studies Department

World History – 2 semesters, 1 credit, Grade 9

Students enrolled in this course will cover cultural, political, economic, military, and social history from the world perspective. Major topics include The Renaissance, Protestant Reformation, World Exploration, Political Revolutions, The Industrial Revolution, Imperialism, World War I, The Interwar Period, World War II, and Conflicts in the Middle East. This course is required for High School graduation.

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United States History – 2 semesters, 1 credit, Grade 10

Students enrolled in this course will cover cultural, political, economic, military, and social history from the U.S. perspective. Major topics include The Industrial Age, The Progressive Era, World War I, The Roaring 20's, The Great Depression, The New Deal, World War II, The Cold War, The Civil Rights Movement, and Modern America. This course is required for High School graduation.

Economics – 1 semester, .5 credit, Grade 11

Economics is a semester long course which is required for high school graduation. This course will provide students with an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Students will be introduced to the major characteristics of the mixed market economic system in the U.S. and how basic economic questions are answered.

Government – 1 semester, .5 credit, Grade 11

Government is a semester long course which is required for high school graduation. The course will include units on foundations of American government, political behavior, government by the people, the legislative, executive and judicial branches of government, comparative political and economic systems and participating in state, local and national government.

African American Studies – 1 semester, .5 credit, Grades 10-12

This Social Studies elective course is designed to provide students with a comprehensive overview of the African American experience through the study of a variety of historical documents and texts.

Sociology- 1 Semester, .5 credit, Grades 10-12

This is a semester long inquiry course that examines relevant-to-today issues that equip students to be analytical, empathetic, and engaged citizens.

Student Government – 2 semesters, 1 credit, Grades 9-12

Students must have a teacher recommendation and go through an interview process in order to take this elective course. The course follows a Michigan Model Student Leadership Curriculum. The group of students in the course act as a student council in the school. In addition to their course work, students plan, organize and run a variety of school events.

**This course may be taken more than one year for additional credits.*

Health and Physical Education

Health -1 semester, .5 credit, Grade 9

A semester of health is required for graduation. Major areas of study include disease prevention, personal health practices, nutrition, growth and development, family health, emotional and mental health, substance abuse prevention, consumer health, and safety and first aid. Human sexuality is covered as part of the disease prevention unit (*parents may opt to have their child excused from this section of the class*).

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Physical Education (P.E.) -1 semester, .5 credit, Grade 9

The course is required for graduation and is typically scheduled in the 9th grade year. It is the only Physical Education Department option available for freshmen students. Students will learn various fundamentals and rules of a variety of lifestyle sports, aerobic, anaerobic activities, weight training, and aquatics. Fitness testing will be administered in pre and posttest form.

PE Conditioning and Weight Training –1 semester, .5 credit, Grades 10-12;

prerequisite: *P.E.*

Beginning and Advanced will be offered to students. This course is designed for students to learn proper lifting techniques, spotting methods, weight room safety and workout routines. Activities will include, but are not limited to, a multitude of lifts utilizing free weights and machine weights, as well as an emphasis on conditioning and fitness. A fitness project will be required to pass the class.

Team Sports- 1 semester, .5 credit, Grades 10-12; Prerequisite: P.E.

Students will learn a variety of rules, skills, fundamentals and strategies in multiple team activities. Safety and sportsmanship will be emphasized. Activities include but are not limited to: basketball, volleyball, flag football, soccer, diamond games, lacrosse, hockey and other team sports. Physical fitness tests will be administered for pre and posttest form. *NOTE: This course may not be offered every semester.*

Lifetime Sports- 1 semester, .5 credit, Grades 10-12; Prerequisite: P.E. Students will learn a variety of rules, skills, fundamentals and strategies in a variety of individual and dual sport

activities. Safety and sportsmanship will be emphasized. Activities include but are not limited to badminton, pickle ball, tennis, bowling, table tennis and other individual and duel sports. *NOTE: This course may not be offered every semester.*

Adaptive Physical Education -1 semester, .5 credit, Special Education Students Grades 9-12

This course is offered to Special Education students only. A variety of skills, rules, fundamentals and strategies in a variety of individual and team sports will be emphasized. Activities could include basketball, volleyball, flag football, soccer, diamond games, and other team sports as well as individual and duel sports. *NOTE: This course may not be offered every semester.*

Visual, Performing, and Applied Arts

Symphonic Winds/ Marching Band – 2 semesters, 1 credit, Grades 9-12 Symphonic Winds continues to explore the foundations and fundamentals of music while providing experience and musical training as students prepare for the performance of music in the symphonic, classical, and contemporary idioms. Students will learn to read both treble and bass music clefs, to understand various time signatures and meters and to understand and manipulate a chosen instrument. Students will also: develop proficiency on an instrument of choice by learning to play major and minor scales in all 12 keys; learn to understand complex rhythms and time signatures; and develop full musicianship by reading and interpreting any given piece of symphonic music. While the majority of students in this class have prior instrumental music experience, a waiver into the class may be granted at the discretion of the director.

Marching Band runs from August – October. The marching band rehearses during the day and also includes a one-week summer camp component to prepare for the season. The band performs at all home-games as well as MSBOA Marching Band Festival. Attendance at camp is mandatory in order to ensure the student will have an assigned place on the field. **This course may be taken more than one year for additional credits.*

Jazz Band – 2 semesters, 1 credit, Grades 9-12

Jazz Band is an audition-based group that focuses on the practice and performance of jazz band based literature. Instrumentation includes saxophone, trumpet, trombone, keyboard, string or electric bass, guitar, drum set, and auxiliary percussion. This group will be expected to learn music at a faster pace due to the additional performance opportunities. Placement into this ensemble is determined in April for the following year.

**This course may be taken more than one year for additional credits.*

Mixed and Advanced Choir – 2 semesters, 1 credit, Grades 9-12

Students in this combined choir class will learn the fundamentals of singing and music theory. Students will learn to read music, sight sing and perform multi-part literature. The group will perform at all major school concerts. Student participation in these concerts, both in and out of school, is mandatory. Advanced students may also participate in competitive festivals. **This course may be taken more than one year for additional credits.*

Music Appreciation – 1 semester, .5 credit, Grades 9-12

Students study the history of music by genre and theory.

Fundamentals of Art – 1 semester, .5 credit, Grades 9-12

This course will introduce students to basic drawing and design skills. Students will explore a variety of art concepts and techniques.

Drawing and Painting –1 semester, .5 credit, Grades 10-12;

Prerequisite: Fundamentals of Art

This course is designed to familiarize students with a wide range of materials while improving their understanding of the elements of design.

Ceramics and Sculpture-1 semester, .5 credit, Grades 10-12;

Prerequisite: Fundamentals of Art

This course covers the design, production and decoration of ceramics. Students will focus on hand building and glazing techniques.

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Graphic Design - 1 semester, .5 credit, Grades 10-12;

Prerequisite: Fundamentals of Art

Students will utilize current computer software and digital printing to create designs, posters and more.

World Language

Spanish I (Virtual Synchronous Learning) – 2 semesters, 1 credit, Grades 9-11

This course will provide a general introduction to the Spanish language. Emphasis will be on the 5 C's of language learning: communication, culture, connections, comparisons, and communities. Students will work on the acquisition of the skills of reading, writing, speaking, and listening throughout the duration of the course. This course will allow students to have a basic understanding of Spanish vocabulary and grammatical concepts.

Spanish II (Virtual Synchronous Learning – 2 semesters, 1 credit, Grades 10-12;

Prerequisite: Spanish I This course builds upon the knowledge gained in Spanish I. It will reinforce the skills learned through reading, writing, speaking, and listening by integrating scaffolding in the learning process. Students will be expected to expand and utilize their knowledge of the 5 C's of language learning: Communication, Culture, Connections, Comparisons, and Communities. There is a great emphasis on grammatical structures and verb tenses to increase communicative proficiency. Students are expected to apply the target language inside and outside of the classroom.

Technology and Business

Computer Applications – 1 semester, .5 credits, Grade 9

This course is designed to teach computer applications such as Word, Excel, Publisher, and Power Point. Students will develop an in-depth understanding and practical knowledge of the most frequently used software applications enabling them to effectively use a personal computer in the home or on the job. Business applications covered are word processing, spreadsheets, desktop publishing and presentation software.

Web Design I/II- 1 semester each, .5 credits, Grades 10-12; prerequisite: Computer Applications

This course is designed to familiarize students with the creation and management of web pages and web sites. This project-based class uses an online template to create and maintain a web site throughout the semester. Students will create, organize, publish and manage a website while using graphic elements including video, animations, rollover effects, background, and page images. Students will maintain a blog as well as add relevant articles and other resources that will enable them to develop an online personal social site that is designed for a great user experience.

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Accounting- 2 semesters, 1 credit, Grades 11-12

Accounting is the language of business using Generally Accepted Accounting Principles (GAAP). Students will learn to keep financial records for service and retail businesses. Principles covered include the Accounting cycle, debit and credit theory and practice (dual entry accounting), use of various journals and ledgers, worksheets, accounts receivable and payable, payroll and tax systems, as well as the preparation and analyzing of financial statements as a basis for decision making. Students will also learn of the various careers in Accounting and Bookkeeping. This course can count as a Senior Math Credit if taken in 12th grade.

Career Management - 1 semester, .5 credits, Grades 10-12

Career Management is designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choice. Students will be made aware that there are many factors to consider before selecting a suitable career. This course will assist students in assessing their personal strengths and interests as they relate to career decisions. This course will aid students in developing strategies to make an effective transition from school to work as well as develop fundamental attitudes and behaviors needed to secure employment, advance in a career, and be prepared for career changes throughout their lives. The student will develop skills in this course that are applicable to all occupations, such as preparing career documents needed to obtain employment. Students will also develop skills necessary to be successful in any workplace such as self-management, problem solving and teamwork. **Mass**

Media - 1 semester, .5 credits, Grades 10-12

Students study the importance of mass media as pervasive in modern life at the local, national, and global levels. Students recognize the impact of mass media messages through news, entertainment, and persuasion on contemporary society. Students analyze and evaluate the history, governance, and ethical issues of mass media to gain a perspective of how influential mass communication has become. Students prepare for their roles as informed and engaged citizens in a democracy. Students use media literacy and communication skills to become writers, speakers, and media producers who address content issues and the impact of mass communication. Students become knowledgeable consumers of mass media information.

Personal Finance - 1 semester, .5 credits, Grades 10-12

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets, simulate use of checking and savings accounts, research all facets of car ownership, research rental and home ownership, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to effective consumer decision making and financial independence.

Business Math - 1 semester, .5 credits, Grades 10-12

Business Math is a course designed to help high school students develop mathematical skills through practical applications and activities that emphasize the application of mathematics in many types of real world situations. Students will work to improve their financial literacy and apply knowledge and skills, from this course, to manage their personal financial resources effectively.

Career and Technical Education Courses**Dental Assistant – 2 semesters, 1 credit, Grades 10-12**

This course prepares students for employment as a Dental Assistant. This program is also highly recommended for students who may be pursuing a career as a dentist, dental hygienist, and a dental lab tech. The Dental Assistant program prepares students to provide patient care, prepares patients and equipment for dental procedures, and discharges office administrative functions under the supervision of a dentists. Instruction includes medical record keeping, general office duties, reception and patient intake, scheduling, disinfection and sterilization, pre- and post-operative patient care and instruction, chair side assisting, knowledge of anatomy of head, neck & teeth, taking and pouring up models, and patient preventative care.

Culinary I/II- 2 semesters each, 1 credit each, Grades 10-12

The first year of the Culinary program is designed to teach high school students the management/culinary skills needed for a career in the restaurant and food service industry. Year One of the ProStart curriculum allows students to meet the National Restaurant Association academic standards, complete a checklist of competencies, and participate in at least four hours of practicum service to ensure all students are well qualified to enter the industry workforce.

The second year of the Culinary program is an advanced culinary course designed to further teach high school students the management/culinary skills needed for a career in the restaurant and food service industry. Year Two of the ProStart curriculum allows students to meet the National Restaurant Association academic standards, complete a checklist of competencies, and participate in at least four hours of practicum service to ensure all students are well qualified to enter the industry workforce. Students run the Abe & I Restaurant. This may count as a Senior Math Credit if taken during the 12th grade.

Manufacturing Technology I/II- 2 semesters each, 1 credit each, Grades 10-12 In the first year course, students will receive training in all aspects of Manufacturing, metal machine operations and welding. Specific skills will be developed on the milling machine, lathe, drill press, hand tools, precision measuring instruments and an introduction to CNC Manufacturing.

Student competition will include MITES.

The second year course is an extension of Manufacturing Technology I. The basic skills of the first course will be refined and more complex projects and problems will be covered. There will be an in-depth study of computer-numerical controlled machining, followed by hands-on training on the CNC Mill, CNC Lathe, and EDM. Students may elect to participate in job shadowing, externship (co-op), and/or apprenticeships. Student competition will include MITES. This may count as a Senior Math Credit if taken during the 12th grade.

Introduction to Manufacturing, 1 semester, .5 credit, Grades 9-11

This course is typically reserved for Special Education or ABE Center students who may have an interest in pursuing career technology classes outside of their current program. Students will receive instruction in basic safety measures, job application processes, and initial use of the manufacturing and/or CAD equipment.

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Mechanical Drafting/CAD I/II - 2 semesters each, 1 credit each, Grades 10-12 The year one course is designed to introduce students to Computer Aided Design (CAD) using Siemens NX software. Skill emphasis is placed upon 3D solid model development, using the NX Sketcher in combination with various parametric and expression driven feature based modeling techniques. Students will also use NX to create engineering drawings. CAD Drafting concepts will include single and double auxiliary view development, section views, dimensioning techniques, ANSI & SI measurement, ISO symbols, threads & fasteners, basic detailing and an introduction to descriptive geometry. Students may also choose to participate in annual competitions such as those sponsored by ASBE and/or MITES.

The year two course is designed to prepare students for entry level placement in product and tool design positions.

Skill emphasis is placed upon gaining a thorough understanding of the product development process.

CAD II will:

- Expand the students understanding of advanced 3D solid modeling using Siemens NX software.
- Provide an understanding of the critical relationship between design and manufacturing. · Enable students to create 3D designs guided by the principles of Design for Manufacturing,
- Teach advanced design concepts such as sheet-metal pattern development, and calculations of tolerance and fits.
- Prepare students for Advanced Placement Examinations offered by Macomb Community College.

Students may also choose to participate in annual competitions such as those sponsored by ASBE and/or MITES. Students enrolled in this advanced class are prepared and encouraged to participate in Externship opportunities available with members of our strong business partner network. This may count as a Senior Math Credit if taken during the 12th grade.

Automotive Technology I/II - 2 semesters each, 1 credit each, Grades 10-12 The course will include instruction on the use of hand tools, fasteners, hoists, jacks, wiring, safety, and shop orientation. Basic automotive service skills including tire service, preventative maintenance, basic electricity, and cooling system service will be included. With successful completion of

year one, students will have basic automotive employability requirements.

Auto Technology II extends the learning of Auto Technology I with a focus on Engine Performance and Electrical Systems. Engine Performance is designed to teach the operating principles and service procedures of engine fuel and ignition systems, emission, controls, basic drivability and diagnosis. Students will gain hands-on skills with manufacturers' specialty tools, equipment, and supplies used in servicing these automotive systems. Electrical and Electronic Systems is designed to teach the principles and operation of basic automotive electrical and electronic systems. Students will gain practical experience in the diagnosis, repair, and service of electrical circuits. Topics in this course include electrical test equipment schematics, test procedures, batteries, starters, alternators, ignition systems, lighting, accessory circuits, and electronic test procedures. This may count as a Senior Math Credit if taken during the 12th grade.

Trade and Industry Externship (CO-OP) – 2 semesters, 1 credit, Grade 12 *Corequisite:*

Students must be enrolled in the capstone class (i.e. CTE II class) of their CTE program.

Prerequisite: Student must have successfully completed all pre-capstone courses in their CTE program.

Students receive paid part-time work experience in their CTE area, earning minimum wage or more and credit toward graduation. Students attend LHS for 4 to 5 classes per day and are then released to their workplace. Externship starting time varies depending on the individual student's academic needs. An average of 10 work hours is needed each week. Students gain on-the-job experience and training, develop independence, gain self-confidence and see the relationship between in-school learning and work requirements.

Consortium CTE Offerings

Through our participation in the Southwest Macomb Technical Education Consortium (SMTEC) our students have the opportunity to enroll in additional CTE courses that are offered at the following neighboring districts: Center Line, Fitzgerald and Warren Woods. 10th-12th grade students interested in taking any of the following courses should see his/her counselor for an application. Details on each course can be found at: www.smteccte.org

Centerline	Fitzgerald	Warren Woods
Business Management	Pharmacy Technician	Cosmetology
Marketing	Physical Therapy	Medical Assistant
Emergency Medical Services	TV Production	Nursing
Firefighting		
JROTC		
Law Enforcement		

Intervention Courses and Programs

Academic Support Center/Academic Independent Study – 1 semester,. 5credit, Grades 9/12

The academic support center focuses on helping students maintain acceptable GPAs in order to pass core classes during the freshmen year. This is achieved through use of peer-tutors as well as the instructor, who assist these students in classes where they are experiencing challenges to their academic success. Both Freshmen and the Senior tutors earn credit by taking a taking a PLATO study skills course during the semester.

The ASC also offers tutoring to students in any grade level where academic challenges have been identified either by the student or teacher.

**This course may be taken more than one year for additional credits.*

ABE Center- 2 semesters, 6+ possible credits, Grades 7-12

Students are identified for this program based on academic or behavioral needs as determined by a building team of administrators, counselors and teachers. Students earn all credits via PLATO online learning. The program is facilitated by a certified teacher who helps create an individualized Education Plan. A community service and/or mental health component will be mandatory depending on the need of the student. Students are still Lincoln students, but have limited interaction with traditional students. Field trips are planned, which include community service hours. Students are encouraged to participate in extracurricular activities and athletics. Exit criteria are considered each semester after evaluating the individual progress of each student.

NCAA Clearinghouse Procedure

Any student interested in playing a college sport at the Division I or II level needs to be cleared by the NCAA. There are strict regulations on what courses are needed and what courses count. Please be aware of this information early in your high school career and seek the support of a counselor or athletic director.

1. See the NCAA reference sheet:
http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf
2. Register with the NCAA eligibility Center: <https://web3.ncaa.org/ecwr3/>
3. See your counselor to have your transcript sent to the NCAA.
4. Send your SAT scores directly to the NCAA

In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the Americans with Disabilities Act of 1990, and the Elliott Larsen Civil Rights Act of 1977, it is the policy of Van Dyke Public Schools that no person shall, on the basis of race, color, religion, national origin or ancestry, gender/sex, age, disability, height, weight, or marital status be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. For further information, contact 586.758.8337.

Inquiries related to discrimination on the basis of disability should be directed to: Ms. Susan Ludlum, Section 504 Coordinator, 23500 MacArthur, Warren, MI 48089; 586.758.8338. Direct all other inquiries related to any other discrimination to: Ms. Edie Valentine, Director of Personnel, 23500 MacArthur, Warren, MI 48089; 586.758.8337.