

Leslie High School

Curriculum Guide



2025-2026

Leslie High School ♦ 4141 Hull Road ♦ Leslie, MI 49251

Table of Contents

[Career Pathways](#)

[Graduation Requirements: Classes of 2026 & 2027](#)

[Graduation Requirements: Classes of 2028 and Beyond](#)

[Credits/Grading](#)

[Guidelines Regarding Scheduling and Graduation Requirements](#)

[Advanced Placement \(AP\)](#)

[Personal Curriculum \(PC\)](#)

[Student Athletes](#)

[Language Arts Courses](#)

[English 9 \(A & B\)](#)

[English 10 \(A & B\)](#)

[English 11 \(A & B\)](#)

[Honors English 11 \(A & B\)](#)

[English 12 \(A & B\)](#)

[Honors English 12 \(A & B\)](#)

[A.P. English \(A, B, & C\)](#)

[Creative Writing](#)

[Drama](#)

[Publications \(A, B, and/or C\)](#)

[Mathematics Courses](#)

[Algebra I \(A, B, & C\)](#)

[Geometry \(A & B\)](#)

[3-Tri Algebra II \(A, B, & C\)](#)

[4-Tri Algebra II \(A, B, C, & D\)](#)

[A.P. Pre-Calculus \(A, B, & C\)](#)

[Personal Finance](#)

[Science Courses](#)

[Biology \(A & B\)](#)

[Introduction to Chemistry \(A & B\)](#)

[Chemistry \(A & B\)](#)

[Human Anatomy & Physiology \(A & B\)](#)

[Physics \(A & B\)](#)

[Animal Physiology](#)

[Botany](#)

[Forensic Science](#)

[Zoology](#)

[Social Studies Courses](#)

[World History & Geography \(A & B\)](#)

[U.S. History & Geography \(A & B\)](#)

[Government](#)

[Economics](#)

[Intro to Anthropology](#)

[Leadership](#)

[Modern World Issues](#)

[Psychology](#)

[Sociology](#)

[World Language Courses](#)

[German I \(A & B\)](#)

[German II \(A & B\)](#)

[German III \(A & B\)](#)

[German IV \(A & B\)](#)

[Spanish I \(A & B\)](#)

[Spanish II \(A & B\)](#)

[Spanish III \(A & B\)](#)

[Spanish IV \(A & B\)](#)

[Applied Arts Courses](#)

[Materials Processing I \(A & B\)](#)

[Materials Processing II \(A & B\)](#)

[Materials Processing III \(A & B\)](#)

[Advanced Woodworking](#)

[Home Maintenance & Repair](#)

[Mechanical Drawing & Design I \(A & B\)](#)

[Mechanical Drawing & Design II \(A & B\)](#)

[Family & Consumer Sciences Courses](#)

[Family Studies](#)

[Financial Management](#)

[Foods & Nutrition I](#)

[Foods & Nutrition II](#)

[Independent Living](#)

[Interior Design](#)

[Relationship Studies](#)

[Performing Arts Courses](#)

[Band \(A, B, & C\)](#)

[Concert Choir \(A, B, & C\)](#)

[Chorale \(A, B, & C\)](#)

[Select Ladies Ensemble 9 & 10](#)

[Select Ladies Ensemble 11 & 12](#)

[Select Men's Ensemble](#)

[Physical Education & Health Education Courses](#)

[Health Education](#)

[Lifetime Fitness & Sport](#)

[Team Sports](#)

[Weight Training](#)

[Weight Training \(Zero Hour\)](#)

[Visual Arts Courses](#)

[Art I](#)

[Art II/Art III](#)

[Advanced Art](#)

[Ceramics I](#)

[Ceramics II](#)

[Drawing/Painting](#)

[Elective Courses](#)

[Academic Prep](#)

[Academic Collegiate Prep](#)

[Intro to Computer Programming](#)

[Intro to Officiating](#)

[Virtual Courses](#)

[Dual Enrollment](#)

[Vocational Education](#)

[Wilson Talent Center](#)

[Automotive Technology](#)

[Bioscience Careers](#)

[Business & Risk Management](#)

[Construction Technology](#)

[Cosmetology](#)

[Criminal Justice](#)

[Culinary Arts & Hospitality](#)

[Cybersecurity & Digital Forensics](#)

[Educational Careers](#)

[Engineering Technology](#)

[Health Foundations](#)

[Health Foundations: Medical Assistant](#)

[Health Foundations: Capital Area Patient Care Technician \(CA-PCT\)](#)

[Health Foundations: Sports Medicine & Rehabilitation](#)

[Introduction to Career & Technical Education](#)

[Manicuring](#)

[New Media](#)

[Precision Machining Technology](#)

[Programming & Mobile Applications](#)

[Welding Technology](#)

Career Pathways

LHS Students have unlimited opportunities to succeed in the 21st century. Students are encouraged to explore their career opportunities through their Educational Development Plans (EDPs). The EDP is designed to assist students with their future educational plans and with making course selections for high school classes. Students are able to access and update their EDP by visiting: <https://www.lesliek12.net/high-school/student-services/xello-career-planning/>

Michigan Career Pathfinder is another tool to help students create their custom career roadmap with careers and educational opportunities in Michigan. To learn more, visit: <https://pathfinder.mitalent.org/>

Graduation Requirements:

Classes of 2026 & 2027

Students must successfully complete all required courses and earn a minimum of 55 credits to graduate.

- English Language Arts: Successful completion of four of the following six courses:
 - English 9
 - English 10
 - English 11
 - English 12
 - English Language Arts 12 (teacher approval required)
 - Advanced Placement English
- Mathematics: Successful completion of:
 - Algebra I
 - Geometry
 - Algebra II
 - 4th year of a full math course or math-related high school level course, choices are:
 - Advanced Placement Pre-Calculus
 - Advanced Placement Calculus
 - 4-Tri Algebra C&D
 - Personal Finance
 - WTC Senior Math Credit
- Science: Successful completion of:
 - Biology
 - Successful completion of one of the following courses:
 - Intro to Chemistry
 - Chemistry
 - Physics
 - Anatomy and Physiology
 - Two additional science credits
- Social Studies: Successful completion of:
 - World History/Geography
 - U.S. History/Geography
 - Government
 - Economics
- Health/Physical Education: Successful completion of:
 - Health
 - Physical Education
- World Languages: Successful completion of 4 trimesters of a world language. All 4 trimesters must be in the same language.
- Visual, Performing, and Applied Arts: Successful completion of 2 credits in one of the following subject areas: fine or performing arts, vocational education, or industrial education.

Graduation Requirements: **Classes of 2028 and Beyond**

Students must successfully complete all required courses and earn a minimum of 55 credits to graduate.

- English Language Arts: Successful completion of four of the following six courses:
 - English 9
 - English 10
 - English 11
 - English 12
 - English Language Arts 12 (teacher approval required)
 - Advanced Placement English
- Mathematics: Successful completion of:
 - Algebra I
 - Geometry
 - Algebra II
 - 4th year of a full math course or math-related high school level course, choices can include:
 - Advanced Placement Pre-Calculus
 - Advanced Placement Calculus
 - 4-Tri Algebra C&D
 - WTC Senior Math Credit
- Personal Finance/Financial Management
- Science: Successful completion of:
 - Biology
 - Successful completion of one of the following courses:
 - Intro to Chemistry
 - Chemistry
 - Physics
 - Anatomy and Physiology
 - Two additional science credits
- Social Studies: Successful completion of:
 - World History/Geography
 - U.S. History/Geography
 - Government
 - Economics
- Health/Physical Education: Successful completion of:
 - Health
 - Physical Education
- World Languages: Successful completion of 4 trimesters of a world language. All 4 trimesters must be in the same language.
- Visual, Performing, and Applied Arts: Successful completion of 1 credit in one of the following subject areas: fine or performing arts, vocational education, or industrial education.

Credits/Grading

The following minimum credits will be used to determine the student's grade classification:

- 10th grade: 13 credits
- 11th grade: 26 credits
- 12th grade: 39 credits

The academic grade point will be as follows:

A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.97
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67
E	0.00

Class ranking will be determined at the end of the second trimester of the senior year.

*Please note: The school reserves the right to review class rankings at the end of the third trimester.

Guidelines Regarding Scheduling and Graduation Requirements

1. A FULL DAY PROGRAM is five class periods. All students at Leslie High School will be enrolled in five courses unless an approved equivalent program is granted per School Board Policy.
2. No student graduating from Leslie High School may earn more than 6 total trimester credits from programs other than regular accredited “day” school. This refers to either summer school or Edgenuity (credit recovery).
 - a. Enrollment in these programs will be granted with the principal’s permission.
 - b. All required courses must be taken at Leslie High School if possible. Students who do not pass required courses will be re-enrolled in those classes at the next opportunity to reschedule
3. Advanced Placement (AP): At the present time we offer advanced placement in English, Pre-Calculus, and Calculus. Enrollment in these classes can earn college credit and students taking those courses will be selected carefully. These courses will receive one quality GPA point.
4. Personal Curriculum (PC): The personal curriculum is available to students that qualify according to state and local guidelines to accelerate or modify the learning environment to succeed with the Michigan Merit Curriculum. All Personal Curriculum must be in alignment with the student’s EDP and post-secondary educational and career goals.
 - a. To modify some core academic requirements.
 - b. To substitute additional mathematics, science, English language arts or world languages credit.
 - c. To modify credit requirements due to a disability as outlined in a student’s IEP.
 - d. To properly place a student transferring into a local school district from out-of-state or a non-public school.
5. Student Athletes: Not all English, Mathematics, Science, or Social Studies courses are NCAA (National Collegiate Athlete Association) approved. You must make an appointment with the high school counselors to verify NCAA’s high school requirements
6. Testing out: A student wishing to test out of a course must arrange and complete the process by May 31 of the previous school year. Must be teacher recommended with parent permission. Students must pass the exam with a 78% to earn credit for the course.

Language Arts Courses

Graduation Requirements:

Successful completion of 4 courses of English: English 9, English 10, English 11 and either English 12, Advanced Placement English, or ELA12.

English 9 (A & B)

2 Trimesters (2 credits)

Grade 9

This course introduces freshmen to a variety of genres of literature and focuses on teaching students to actively read texts. The texts in this course include a variety of short stories; *Night*, a Holocaust memoir; *Romeo and Juliet*, one of Shakespeare's most famous dramas; and Homer's *Odyssey*, an epic poem. The course also provides instruction in writing for a variety of purposes. In addition, grammatical concepts and vocabulary studies are important components in English 9.

English 10 (A & B)

2 Trimesters (2 credits)

Grade 10

English 10 is a course designed to improve the student's command of the English language through experiences in the four basic areas of English: reading, writing, speaking, and listening. Subject areas include the study of American Literature (*The Crucible*, *To Kill a Mockingbird*, *A Raisin in the Sun*, *Summer of My German Soldier*, and *Of Mice and Men*), composition, grammar, and grammar usage.

English 11 (A & B)

2 Trimesters (2 credits)

Grade 11

English 11 is a comprehensive English course that emphasizes reading, writing, and group discussions. Students will complete several formal papers including literary analysis, argumentative, and personal experience. Reading selections include *Lord of the Flies*, *Pygmalion*. The course also places an emphasis on SAT style writing and language skills.

Honors English 11 (A & B)

2 Trimesters (2 credits)

Grades 10-11

This course will run within English 11 courses and cover the same materials. However, students will be challenged with additional or alternative assignments meant to enhance comprehension, writing, and rhetorical skills. In addition, Honors English 11 students will be required to complete a novel over the summer before taking English 11 and attend two sessions with other honors students each trimester. (*Prerequisite: An A or B in English 10 and teacher recommendation.*)

English 12 (A & B)

2 Trimesters (2 credits)

Grade 12

This course is designed to prepare post secondary-bound students for the types of writing assignments they will most likely face in the next phase of their education. Students review the principles of effective expository writing, including thesis statement, topic sentences, unity, and coherence/style while building a bank of "prior knowledge" using current articles/events as topics. An additional emphasis will be placed on effective use of argument, including claim, evidence, warrant, and counter-argument. Students read two novels per trimester and apply the principles of effective writing to projects and essays.

Honors English 12 (A & B)

2 Trimesters (2 credits)

Grades 11-12

This course will run within English 12 courses and cover the same materials. However, students will be challenged with additional or alternative assignments meant to enhance comprehension, writing, and rhetorical skills. (Prerequisite: An A or B in English 11 and teacher recommendation.)

A.P. English (A, B, & C)

3 Trimesters (3 credits)

Grade 12

This course is offered to students who have previously applied to and been accepted in the English honors program. In this class, students prepare for college-level writing and the national AP exam in English Language and Composition through three rigorous and accelerated units: rhetoric, argument, and synthesis. Each unit includes college-level non-fiction readings, at least one presentation, timed writings, and instruction in various grammar concepts. Additionally, each unit requires students to complete one or more formal, academic compositions. Based on students' scores on the AP exam, they can earn credit hours towards a college degree. (*Teacher approval required.*)

Creative Writing

1 Trimester (1 credit)

Grades 9-12

This course is for students that enjoy creative writing and will result in a polished portfolio of each student's work. Students will write in a wide variety of styles including short story, personal essay, opinion, and poetry.

Drama

1 Trimester (1 credit)

Grades 9-12

Each trimester familiarizes students in acting. The first half of the class will concentrate on developing the actor's voice and movement. The second half of each trimester is devoted to a major class production that will be performed for either a high school or an elementary group. Performance in the class production is mandatory. The ability to memorize is recommended for this course.

Publications (A, B, and/or C)**3 Trimesters (3 credits)****Grades 9-12**

Publications is designed as a year-long class in which students in grades 9-12 learn the basics of journalism. After initial instruction, students will, with support from the teacher and classmates, be responsible for completing all aspects of the school's yearbook, including photography, design, writing, sales, and marketing. Students will also be responsible for producing a school newspaper. To be successful in this class, students need to be responsible and creative. Students must also enjoy writing, be able to accept constructive criticism, meet deadlines, overcome challenges with a positive attitude, work cooperatively with others, act professionally, and take leadership roles in different aspects of the class.

Mathematics Courses

Graduation Requirements:

Successful completion of Algebra, Algebra II, and Geometry. One math course must be taken the senior year. Personal Finance is required for the class of 2028 and beyond.

Algebra I (A, B, & C)

3 Trimesters (3 credits)

Grade 9

This is a year-long course that will develop a thorough understanding of variables and the order of algebraic operations. Integers, rational numbers, and real numbers will be used to explore linear, quadratic, and exponential functions and equations. Additional topics will include graphing, solving equations and inequalities, systems, polynomials, factoring, rational expressions and equations, and radicals.

Geometry (A & B)

2 Trimesters (2 credits)

Grades 9-10

Geometry will begin with a discussion of the undefined terms: point, line, and plane. Building upon these three terms, a mathematical system will be developed including the postulates and theorems introduced by Euclid. Topics covered are angles, parallel lines and planes, congruent triangles, parallelograms, trapezoids, similar polygons, right triangles, circles, constructions, areas and volumes, and coordinate geometry. (*Prerequisite: Algebra I unless high school Algebra I credit was earned in 8th grade.*)

3-Tri Algebra II (A, B, & C)

3 Trimesters (3 credits)

Grades 10-11

Algebra II continues the development of mathematics that was begun by Algebra I and Geometry. Topics include the language of Algebra, variations and graphs, linear relations, matrices, systems, parabolas and quadratic equations, functions, powers and roots, exponents and logs, trigonometry, polynomials and quadratic relations, and statistics. This course is intended for the average math student. (*Prerequisites: Algebra I*)

4-Tri Algebra II (A, B, C, & D)

4 Trimesters (4 credits)

Grades 11-12

Algebra II continues the development of mathematics that was begun by Algebra I and Geometry. Topics include the language of Algebra, variations and graphs, linear relations, matrices, systems, parabolas and quadratic equations, functions, powers and roots, exponents and logs, trigonometry, polynomials and quadratic relations and statistics. This course is taught over two years and is intended for the student who struggles with mathematical concepts. (*Prerequisites: Algebra I and teacher recommendation*)

A.P. Pre-Calculus (A, B, & C)**3 Trimesters (3 credits)****Grades 11-12**

This course is intended to prepare the student for college calculus. A thorough development of the trigonometric functions and their inverses will be included. Other functions studied will include linear, quadratic, polynomial, rational, exponential, and logarithmic. Additional topics included will be matrices, conics, sequences, series, probability, vectors, polar coordinates, and complex numbers. (*Prerequisites: Geometry, Algebra II*)

Personal Finance**1 Trimester (1 credit)****Grade 12**

This course lends itself to the real life applications of mathematics, including studying the stock market and designing personal budgets. Some topics include checking and savings accounts, investments, probability, and balancing expenses and income. (*This class is not NCAA approved.*)

Science Courses

Graduation Requirements:

Successful completion of 4 Courses – Science, including Biology followed by either Chemistry (as Intro to Chemistry or Chemistry), Physics, or Anatomy and Physiology. Two additional Science courses will be required as well.

Biology (A & B)

2 Trimesters (2 credits)

Grade 9

Biology, the study of life, is an in-depth study of living organisms and life processes, in the context of change over time. Living organisms and their interactions with their environment, as well as the cell and the underlying chemistry of life, are focal points of part A of the course while part B of the course covers Mendelian and molecular genetics, the fossil record, and change in living organisms over time.
(Prerequisite: None)

Introduction to Chemistry (A & B)

2 Trimesters (2 credits)

Grade 10

Introduction to Chemistry is not required as a prerequisite to Chemistry. This course fulfills the graduation requirement for Chemistry and is designed for students who may not intend to pursue a 4 year college degree. Introduction to Chemistry focuses on the study of matter and the changes that it can undergo. Students will study the physical and chemical properties, behavior, and interactions of atoms.
(Prerequisite: teacher recommendation)

Chemistry (A & B)

2 Trimesters (2 credits)

Grades 10-12

This course is recommended for college preparatory students, especially those intending to pursue a science career. Chemistry is the science focused on studying the composition of matter. Topics discussed include scientific measurement, atomic structure, chemical naming, chemical formulas, chemical reactions, and quantitative calculation. Mathematics is an integral part of chemistry and students are expected to have background knowledge of conversion factors and dimensional analysis. Students are expected to master vocabulary, critical thinking skills, and laboratory techniques that will be beneficial for any introductory college chemistry course. (Prerequisite: Biology A & B)

Human Anatomy & Physiology (A & B)

2 Trimesters (2 credits)

Grades 10-12

Anatomy & Physiology is intended for college preparatory students who have completed biology and have an interest in a career in human or animal medicine, or just a desire for more biological science knowledge. We will explore the structure and function of human body systems using a combination of lectures and labs, including an extensive porcine dissection and one comparative dissection.
(Prerequisite: Biology A & B)

Physics (A & B)

2 Trimesters (2 credits)

Grades 11-12

This course is recommended for college preparatory students, especially those intending to pursue a science career. Physics is the science focusing on force and energy. Topics studied include vectors, velocity, acceleration, force, work, power, momentum, collisions, rotational motion, torque, and others, as time permits. Mathematics is a large part of Physics and students will be expected to write and solve equations. A graphing calculator is recommended, but not required. (*Prerequisites: Completion of Pre-calculus, or concurrent enrollment in Pre-calculus with input of instructor*)

Animal Physiology

1 Trimester (1 credit)

Grades 11-12

Students will be exposed to a variety of domestic animals and their general physiology. Some of these will include dogs, cats, horses, pigs, and sheep. Students will learn basic information of health care for different types of animals, such as lodging, digestion/nutrition, and reproduction. Students will look at different cultures and animals in those cultures. (*Prerequisite: Biology, A & B*). (*This class is not NCAA approved.*)

Botany

1 Trimester (1 credit)

Grades 10-12

In this course we will study the structure and function of members of the plant kingdom. It includes the study of how plants fit in the “tree” of life. A combination of lecture, student exploration, and lab will be used in this course. Botany is intended for college preparatory students who have completed biology and have an interest in a career in biological science, or just a desire for more science knowledge or a love of, or curiosity about plants. We will explore the characteristics, structure, and function of the major plant grouping, using a comparative approach. Basic horticultural concepts will also be covered and students will grow their own plants at school for experimentation. Additionally, at least two project-driven field trips to the “wild 100” will be a part of the course. (*Prerequisite: Biology A & B*)

Forensic Science

1 Trimester

Grades 10-12

This class will use lab based activities to discover how the principles of biology and chemistry are used to help solve criminal cases in the areas of fingerprinting, toxicology, blood type, blood spatter, anthropology, and hair and fiber analysis. Students will also look into past criminal cases in which forensic science has played an integral role as well as analyze the validity of current topics in forensic science. (*Prerequisites: Biology A & B*)

Zoology

1 Trimester (1 credit)

Grades 10-12

This class will study the members of the animal kingdom and life in general. It includes both the inquiry into individual animals and their constituent parts, even to the molecular level. This wide range of studies results in some isolation of specialties within zoology. The conceptual integration in the contemporary study of living things that has occurred in recent years emphasizes the structural and functional unity of life rather than its diversity. (*Prerequisite: Biology A & B*)

Social Studies Courses

Graduation Requirements:

Successful completion of U.S. History/Geography, World History/Geography, Government, & Economics.

World History & Geography (A & B)

2 Trimesters (2 credits)

Grades 9-10

This course will cover expanding and intensified development of humans from The Renaissance through the Russian Revolution. The course will examine the expansion of the Catholic Church, the Reformation and Counter Reformation. The course will also explore the role of revolutions and the impact they had as the foundations of modern global society.

U.S. History & Geography (A & B)

2 Trimesters (2 credits)

Grades 9-10

This class is a survey course which will emphasize the growth and development of an industrial and urban America from 1900 to present.. Students will learn how the United States became a world power, progressivism, the Great Depression, World War I, World War II, Korean War, Vietnam War and post war policies and issues. The course will also examine the domestic development of the US., exploring Watergate, the 1980's, The war in Iraq, 911, the 2nd war in Iraq and so on.

Government

1 Trimester (1 credit)

Grade 11

This course examines the creation, structure and operation of government at the national, state, and local levels. Comparisons will also be made between our form of government and those of other nations in the world. Students will also explore how our government strives to maintain and protect the rights guaranteed to the people by the Constitution. In addition, this course will investigate the role and function of politics in our country as well as the role and influence of the United States in the world.

Economics

1 Trimester (1 credit)

Grade 11

Economics is the study of how people use the scarce resources available to them. This course will examine various economic systems that exist around the world; explore our economic system; learn more about our banking system; how the market operates; study different business types; explore various ways to invest money; examine the government's influence on our economic system and how the government influences the world economy.

Intro to Anthropology

1 Trimester (1 credit)

Grades 9-12

This course introduces the student to the field of Anthropology. Students will acquire an understanding of the differences and similarities, both biological and cultural, in human populations. Students will also recognize the characteristics that define their culture and gain and appreciation for the culture of others.

Leadership

1 Trimester (1 credit)

Grades 11-12

This class will explore multiple definitions of leadership, philosophies, elements/characteristics of leadership, and apply leadership skills in “real life” projects. Emphasis will be placed on practical application through the use of contemporary leadership non-fiction literature, and the study of past and current leaders in a variety of contexts, such as politics, business, religion, sports, etc. (*This course is not NCAA approved.*)

Modern World Issues

1 Trimester (1 credit)

Grades 9-12

Modern World Issues is designed to provide students with an understanding of the global issues facing the United States of America today. Students will build their global competence, improve knowledge of geography, and foster a comprehensive understanding of political affairs, all while engaging in discussion and exercising critical thinking skills.

Psychology

1 Trimester (1 credit)

Grades 11-12

Psychology is the study of human behavior. During this course the student will look at the way psychology is used in the world, as well as the theory involved in human behavior. Topics include schools of thought, the brain, learning and memory, personality, and abnormal behavior.

Sociology

1 Trimester (1 credit)

Grades 11-12

Sociology is the study of group behavior. Both the practical and scientific side of the subject will be discussed. Areas of examination include culture, social structure, racial/ethnic and gender inequality, and deviance. It is hoped that at the end of the semester the student will have a better understanding of the forces that affect the way people act.

World Language Courses

Graduation Requirements:

Successful completion of 2 courses that are in the same language.

German I (A & B)

2 Trimesters (2 credits)

Grades 9-12

This course introduces students to the German language. Instruction guides students in developing speaking, listening, reading, and writing skills. Additional topics include aspects of the geography, culture, and history of the German-speaking countries.

German II (A & B)

2 Trimesters (2 credits)

Grades 9-12

This course is a continuation of German I and focuses on developing previously acquired skills in the German language. Students will deepen and broaden their knowledge of vocabulary, grammar, geography, and culture. (*Prerequisite: German I, A & B*)

German III (A & B)

2 Trimesters (2 credits)

Grades 10-12

This course is a continuation of German II. Students will expand their vocabularies to cover most topics encountered in their day-to-day lives. Students will continue to demonstrate their ability to understand spoken and written German. In addition, they will demonstrate control of basic structures in speaking and writing. (*Prerequisite: German II, A & B*)

German IV (A & B)

2 Trimesters (2 credits)

Grade 11-12

This course is a continuation of German III. Students will increase their command of the vocabulary and structure of the German language, expand their conversational skills and improve their listening comprehension. Students will continue to work toward the goals of reading without the use of a dictionary and writing accurately and fluently. Course content will reflect interests shared by the students and the teacher, and will include topics from current events, literature and the arts, and sports. (*Prerequisite: German III, A & B*)

Spanish I (A & B)

2 Trimesters (2 credits)

Grades 9-12

This course introduces the student to the Spanish language and has as its goal instruction in vocabulary, pronunciation, grammar, and syntax, together with development of oral and written skills. Aspects of Hispanic culture will also be included.

Spanish II (A & B)**2 Trimesters (2 credits)****Grades 10-12**

This is a continuation of Spanish I and focuses on sharpening previously acquired skills in the Spanish language along with broadening student knowledge of culture. (*Prerequisite – Spanish I, A & B*)

Spanish III (A & B)**2 Trimesters (2 credits)****Grades 11-12**

This is a continuation of Spanish I and II. Students will continue to gain knowledge, along with vocabulary, grammar and cultural skills in the Spanish language. (*Prerequisite: Spanish II, A & B*)

Spanish IV (A & B)**2 Trimesters (2 credits)****Grade 12**

This course will be a continuation of the knowledge of Spanish that students learned in Spanish I, II, and III. Students will continue to learn new vocabulary, grammar and culture directly related to the National Standards for Foreign Language Teaching. (*Prerequisite: Spanish III, A & B*)

Applied Arts Courses

Graduation Requirements:

2 credits in one of the following subject areas: fine or performing arts, foreign language, vocational education, or industrial technology education.

Materials Processing I (A & B)

2 Trimesters (1 or 2 credits)

Grades 9-12

Students will construct a number of products using a variety of different materials, apply safety rules and procedures, use layout and measuring tools, use all lab machinery and develop employability skills.

Materials Processing II (A & B)

1 or 2 Trimesters (1 or 2 credits)

Grades 10-12

This course is a continuation of Materials Processing I and can be taken for up to two years. There will be group and individual assignments that will include labs, research and problem solving, and a continuation of developing employability skills. (*Prerequisite: Materials Processing I, A & B*)

Materials Processing III (A & B)

1 or 2 Trimesters (1 or 2 credits)

Grades 11-12

This course is a continuation of Materials Processing II and can be taken for up to two years. There will be group and individual assignments that will include labs, research and problem solving, and a continuation of developing employability skills. (*Prerequisite: Material Processing II, A & B*)

Advanced Woodworking

2 Trimesters (2 credits)

Grades 10-12

This course is available to highly motivated students that have been successful in at least 3 trimesters of Materials Processing. This class will develop an advanced knowledge of woodworking skills and construction techniques to help students become more career ready for when they join the workforce or to better prepare them for college. (*Prerequisites: Materials Processing 1(A and B), at least one trimester of Materials Processing 2, and teacher recommendation*)

Home Maintenance & Repair

1 Trimester (1 credit)

Grades 10-12

This course will introduce basic carpentry, electrical, and plumbing practices. Safety procedures for power and hand tools will be discussed and demonstrated. Group and some individual projects will be produced. Basic repairs that are common in the household will be identified.

Mechanical Drawing & Design I (A & B)**2 Trimesters (2 credits)****Grades 9-12**

This course will enable the students to use and understand the pictorial language of the draftsman that is utilized throughout the world. Topics to be covered include orthographic projection, geometric construction, pictorial drawing, (isometric, oblique, and perspective), pattern development and sections. Projects conforming to present industrial practices will start out simply and progress to those more complex.

Mechanical Drawing & Design II (A & B)**2 Trimesters (2 credits)****Grades 10-12**

This course is a continuation of Mechanical Drawing & Design I and will expand on the topics covered previously. Additional topics will include auxiliary views, revolutions, threaded fasteners, cams and gears, welding drawings, working drawings, sheet metal drafting, intersections, developments and computer-aided drafting applications. (Prerequisite: Mechanical Drawing & Design I)

Family & Consumer Sciences Courses

Family Studies

1 Trimester (1 credit)

Grades 9-12

This course is designed for students who wish to enrich the quality of their family relationships. The emphasis will be on acquiring the skills to help make these relationships more effective and focus on some of the current issues related to families. Some areas of study will include communicating effectively, resolving conflict, handling decisions and problems, building strong family relationships, and dealing with crises. There will also be emphasis on individual and group projects that relate to personal interests.

Financial Management

1 Trimester (1 credit)

Grade 12

The purpose of this course is to prepare students for the important decisions that they will need to make in the areas of money management and being a wise consumer. The course lends itself to the real life applications of mathematics including developing personal budgets, figuring the cost of using credit, and understanding investments etc. Specific areas of study include: savings, investment options, wealth building, and dangers of debt, consumer awareness, credit bureaus and collections practices, budgeting, bargain shopping, taxes, insurance, real estate and mortgages. *(This class is not NCAA approved.)*

Foods & Nutrition I

1 Trimester (1 credit)

Grades 9-12

For students interested in improving knowledge and skills in meal planning and preparation, based on nutritious food choices. You will apply this knowledge to make sound decisions and prepare food in a healthy way. Areas for study will include sanitation, safety, nutrition, influences on meal planning, resource management, and preparation of basic food groups. There will be opportunities for cooking experiences throughout the marking period.

Foods & Nutrition II

1 Trimester (1 credit)

Grades 9-12

This lab-based course is designed for students who want to expand their knowledge and skills about food preparation for personal interest and enjoyment or as a possible career option. Students will have the opportunity to continue their study of food selection preparation and planning of various types of foods. *(Prerequisite: Foods and Nutrition I)*

Independent Living

1 Trimester (1 credit)

Grades 10-12

The purpose of the course is to prepare students for the transition from living at home to living on their own. Students will learn about the important decisions to be made in the areas of money management and being a wise consumer. Some specific topics include renting an apartment, creating a budget, buying a car, acquiring insurance, using bank services, using credit, buying food, and choosing a career.

Interior Design

1 Trimester (1 credit)

Grades 10-12

This semester course is designed to help students develop a greater sense and appreciation of the interior and exterior design of a home. Knowledge of architecture styles and principals, construction basics, furniture style and arrangement, lighting, and decorative accessories will enable students to make wise design and consumer choices. Application of design elements and principles will be recorded in a 14"x17" sketchbook. Sketchbook will be provided by the student.

Relationship Studies

1 Trimester (1 credit)

Grades 10-12

This course is designed for students who wish to enrich the quality and effectiveness of their personal relationships. The emphasis will be on acquiring the knowledge and skills to help you make these relationships more meaningful, and will focus on some of the current issues related to dating and friendships. Some areas of study include communicating effectively, resolving conflicts in friendships and dating, commitment, and success in relationships and marriage.

Performing Arts Courses

Graduation Requirements:

2 credits in one of the following subject areas: fine or performing arts, foreign language, vocational education, or industrial technology education.

Band (A, B, & C)

3 Trimesters (3 credits)

Grades 9-12

Band develops various music skills through individual practice, full rehearsal and performance. Required performance styles include Marching Band and Concert Band. Other optional opportunities include Jazz Band/Pep Band, Chamber (small group) Ensemble and Solos. Individual practice on the instrument takes the place of homework and is mandatory. Attendance is required at Band Camp which takes place during the summer before school starts. Attendance is also required at all rehearsals, performances, and festivals held outside of regular school hours. Unless a specific scheduling conflict exists, students wanting to participate in band must take both Marching and Concert Band. Unless a required class conflicts and all other scheduling options have been exhausted, students must take all three (3) trimesters of band. (Students not previously members of a middle school band program must audition before registering for this class.)

Concert Choir (A, B, & C)

3 Trimesters (3 credits)

Grades 9-10

A performing organization organized to teach each student correct use of the singing voice as an individual and in a group effort. A desire to learn to sing well is necessary. Attendance at all rehearsals, concerts and performances during or outside of school is required. Concert Choir gives students the opportunity to learn and improve musical skills using a variety of music in class and performance situations. Unless a specific scheduling conflict exists, students wanting to participate in choir must take all 3 trimesters. Students not previously members of middle school Choir, Concert Choir or Chorale must audition before registering for the class.

Chorale (A, B, & C)

3 Trimesters (3 credit)

Grades 11-12

An experienced, performance focused group limited to students who actively seek musical, vocal and performance excellence. Classroom and performance literature ranges from 16th century Madrigals to 20th century contemporary music. Attendance at all chorale performances is required. Unless a specific scheduling conflict exists, students wanting to participate in chorale must take all 3 trimesters. *All students must audition before registering for the class; membership will be limited to no more than thirty (30) students.*

Select Ladies Ensemble 9 & 10**3 Trimesters (1 credit)****Grades 9-10**

Select ladies ensemble is an ensemble of highly skilled and motivated female singers. They perform all styles of music including classical, jazz and Broadway. They meet twice weekly, before school, during the course of the school year. All rehearsals, concerts and festivals, and extra performances are required and graded. Individuals in this select group are committed to vocal excellence and musical growth for the full year. (*Young ladies must audition before registering for this course.*)

Select Ladies Ensemble 11 & 12**3 Trimesters (1 credit)****Grades 11-12**

Select ladies ensemble is an ensemble of highly skilled and motivated female singers. They perform all styles of music including classical, jazz and Broadway. They meet twice weekly, before school, during the course of the school year. All rehearsals, concerts and festivals, and extra performances are required and graded. Individuals in this select group are committed to vocal excellence and musical growth for the full year. (*Young ladies must audition before registering for this course.*)

Select Men's Ensemble**3 Trimesters (1 credit)****Grades 9-12**

Select men's ensemble is an ensemble of highly skilled and motivated male singers. They perform all styles of music including classical, jazz and Broadway. They meet twice weekly, before school, during the course of the school year. All rehearsals, concerts and festivals, and extra performances are required and graded. Individuals in this select group are committed to vocal excellence and musical growth for the full year. (*Young men must audition before registering for this course.*)

Physical Education & Health Education Courses

Graduation Requirements:

Successful completion of Health and Physical Education. (Physical Education waiver may be granted based on state policy.)

Health Education

1 Trimester (1 credit)

Grades 9-12

Topics in this class include disease prevention and control, substance abuse, safety and first aid, conflict resolution, dealing with stress, HIV/AIDS, exercise and nutrition.

Lifetime Fitness & Sport

1 Trimester (1 credit)

Grades 9-12

Students will learn to use proper lifting techniques as it pertains to strength and conditioning. Students will also be taught weight room safety, proper technique, and weight room etiquette. Students will be taught phases of lifting that will help prevent performance plateau and injury. Units of study include: strength and conditioning, disc golf, badminton, pickleball, tennis, lawn games, bowling, golf and a variety of other activities. Other areas of study will include health related fitness components, skill related fitness components, FITT principle, and progression of necessary skills.

Team Sports

1 Trimester (1 credit)

Grades 9-12

The purpose of this course is to provide students with knowledge, skills, and enjoyment for participation in team sports. All units will include fitness activities designed to improve cardiovascular fitness, flexibility, muscular strength and muscular endurance. Units of study include: volleyball, basketball, floor hockey, softball, Ultimate Frisbee, team handball, soccer, flag football, nitroball, kickball and lacrosse. Other areas of study will include health related fitness components, skill related fitness components, FITT principle, and progression of necessary skills.

Weight Training

1 Trimester (1 credit)

Grades 9-12

Students will learn to use proper lifting techniques as it pertains to strength and conditioning. Students will also be taught weight room safety, proper technique, and weight room etiquette. Students will be taught phases of lifting that will help prevent performance plateau and injury. Programming for this class will be provided by the teacher that will include weight training, flexibility, plyometrics, speed training and agility.

Weight Training (Zero Hour)

1 Trimester (M, W, F .60 credit or T, Th .4 credit)

Grades 9-12

Students will learn to use proper lifting techniques as it pertains to strength and conditioning. Students will also be taught weight room safety, proper technique, and weight room etiquette. Students will be taught phases of lifting that will help prevent performance plateau and injury. Programming for this class will be provided by the teacher that will include weight training, flexibility, plyometrics, speed training and agility.

Visual Arts Courses

Graduation Requirements:

2 credits in one of the following subject areas: fine or performing arts, foreign language, vocational education, or industrial technology education.

Art I

1 credit

Grades 9-12

This introductory course is a prerequisite for the higher level Visual Art classes offered at Leslie High School. Art I is designed for students with minimal to no art experience. This course will develop knowledge, attitudes, and skills through an understanding of the basic elements and principles of design. These elements/principles will be applied through exploratory experiences involving drawing, painting, and mixed media collage. *Course cannot be repeated.*

Art II/Art III

1 credit

Grades 9-12

This course is available to motivated students that have had a successful experience in Art I. Students will further develop skills, attitudes and knowledge through exploratory experiences involving two-dimensional and three-dimensional media. While students can repeat this course, it can only be taken once per trimester. *Course can be repeated. (Prerequisite: Art I)*

Advanced Art

1 Trimester (1 credit)

Grades 11-12

This course is available to highly motivated art students that have had a successful experience in previous art classes. This course will develop advanced drawing and painting skills, and include 3-dimensional medias. *(Prerequisite: teacher recommendation)*

Ceramics I

1 Trimester (1 credit)

Grades 10-12

This trimester course will further develop pottery knowledge and skills through exploratory experiences involving hand-built techniques. *(Prerequisite: Art I).*

Ceramics II

1 Trimester (1 credit)

Grades 10-12

This course runs within the Ceramics program; however, students will learn the skills to be able to throw forms on the potter's wheel. In addition, students are challenged to construct forms that combine wheel throwing and hand building techniques. *(Prerequisite: Ceramics I and teacher recommendation)*

Drawing/Painting**1 Trimester (1 credit)****Grades 10-12**

This trimester course is designed for the art student with an interest in drawing and painting. Students will develop drawing and painting skills through exposure to a variety of paints, techniques, and media.

(Prerequisite: Art I)

Elective Courses

Academic Prep

1 Trimester (1 credit)

Grades 9-10

This course is designed to teach successful study skills that students will be able to utilize in other courses, along with assisting students to complete coursework from other classes. Each student will also work on improving reading comprehension in order to help raise test scores and over all grades.

Academic Collegiate Prep

1 Trimester (1 credit)

Grades 10-12

This course is designed to familiarize students with the SAT test format and content areas of: English, Mathematics, Reading, and Science. Students will learn general test-taking strategies. They will also be taught specific strategies for each of the areas tested by SAT, M-Step, and Work Keys.

Intro to Computer Programming

1 Trimester (1 credits)

Grades 10-12

This course will extend the students knowledge of programming, Loops, control statements, user-defined methods, file manipulation, and graphics will be covered. We will be writing applets that can be included in web pages. Reading programming manuals will be expected.

Intro to Officiating

1, 2 or 3 Trimesters (1, 2 or 3 credits)

Grades 10-12

This course will be completed virtually with curriculum and instructors provided through the REFREPS program which is supported by the MHSAA and the NFSHSA. Officiating courses offered include football, basketball, lacrosse, ice hockey, baseball, volleyball, soccer, swim & dive, softball, flag football, wrestling, and track & field. Students will complete officiating training for two sports in a trimester course. Those who successfully complete assigned courses will receive an elective credit. Additionally, students will be registered through the MSHAA as an official, and the first-time registration fee of \$70 will be waived.

Virtual Courses

1, 2, or 3 Trimesters (1, 2, or 3 credits)

Grades 9-12

Online courses are an educational option for all high school students whereby the student is officially enrolled in high school and is simultaneously enrolled in virtual courses. Students are able to earn credit towards high school graduation. See the Counseling Office for further qualifications. (Students may only sign up for this class if they have been pre-approved.) Courses are offered through the GenNet/MVU catalogs.

Dual Enrollment

2 College Semesters

Grades 9-12

Dual enrollment is an educational option for high school students whereby the student is officially enrolled in high school and is simultaneously enrolled in one or more college/university classes. This is a full-year commitment. Students take 1 fall semester course & 1 spring semester course, or 2 fall semester courses and 2 spring semester courses.

- Enrollment Eligibility: A student must meet the minimum qualifying test scores on their most recent standardized test and submit a complete application.
- Eligible Institutions: a state university, community college, or independent non-profit degree granting college or university that is located in this state.
- Eligible courses: Course offered by an eligible postsecondary institution for postsecondary credit. Not offered by eligible student's high school (or is not available to the student due to an unavoidable scheduling conflict). Academic in nature: Normally applies toward satisfaction of [postsecondary] degree requirements. Not ordinarily taken as an activity course. Not a hobby, craft, or recreational course. In a subject area other than physical education, theology, divinity, or religious education.
- In order to earn high school credit, students must pass the college course. Students will receive 1.5 high school credits per college semester.
- All tuition and required course materials will be covered up to the allotted amount.
- These courses will receive one quality GPA point.
- Students must apply by February 28 of the previous school year.

See Student Services for more information and an application.

Vocational Education

Graduation Requirements:

2 credits in one of the following subject areas: fine or performing arts, foreign language, vocational education, or industrial technology education.

Wilson Talent Center

3 Trimesters (6 credits)

Grades 11-12

The Wilson Talent Center offers high school juniors and seniors career and technical education training in many different programs. Students may begin applying to WTC during their sophomore year or during their junior year for a one-year program. The following criteria are considered for the selection process for the programs at the WTC: having a minimum of 26 credits (junior status) and having good attendance and behavior at LHS. Additionally, there must be openings in the program to which you are applying in order to be accepted.

When considering attending WTC, keep the following in mind:

- Students may only attend WTC if they have been accepted by WTC. (Acceptance letters are mailed out sometime around March of a student's sophomore year.)
- College credit may be available depending on the student's program choice.
- Each WTC class is worth 2 credits (2 classes) each trimester.
- Most PM WTC students must take a zero-hour or online class at LHS to satisfy full-time status (5 classes per day).
- AM WTC students must have their own transportation to LHS in the morning so that they can catch the WTC bus by 7:30a; students may also transport themselves after meeting the requirements.
- Some programs are offered for 1 year and may be taken as a senior; some two-year programs may enroll first-year seniors if all juniors have had the opportunity to apply, pending available seats.
- Capital Region Technical Early College (CRTEC) is a high school-to-college program where students start in 11th grade and leave 13th grade with significant college credit toward a degree and/or certifications. Tuition is free, and the program gives students relevant career-related experience. Interested 10th grade students apply for the CRTEC program in the spring after attending the informational meeting.
- The courses listed below are for information purposes only.

Automotive Technology

Using the latest diagnostic equipment and computer technology, students learn the technical skills for a career in automotive service and engineering. Over two years, students participate in an Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) certified training program offering several occupational specialties as well as state certification. The State of Michigan certification tests are provided free of charge to eligible WTC students. Students also have the opportunity to participate in a race team as part of this program. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Junior*	2 years	AM and PM

**First-year seniors can be enrolled after all eligible juniors, pending available seats.*

Bioscience Careers

Students in this program will use state-of-the-art technology and equipment and offer an expansive pallet of career interests from veterinary medicine to forensic science or microbiology just to name a few. Other areas of study include DNA technology, plant science, biofuels, water technology/aquaculture and food service. Students in this program will participate in either an FFA (Future Farmers of America) or Science Fair Competition. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Junior/Senior	1-2 years	AM and PM

Business & Risk Management

Business and insurance careers offer great earning potential, stability in a growing industry as well as a challenging and rewarding career path. Students will also explore entrepreneurship and writing business plans. This program allows students to explore the insurance industry through a partnership with nationally recognized, AF Group. Students enrolled in this program will spend time in the classroom and occasionally at AF Group gaining hands-on experience and hearing directly from industry professionals. Students may qualify for college credit and a Capital Region Technical Early College program is available.

Grade Level	Program Duration	Time Offered
Junior/Senior	1-2 years	Year 1 AM / Year 2 PM

Construction Technology

Students are exposed to a wide range of construction skills. Major emphasis areas are carpentry, electrical and plumbing. Students are also exposed to surveying, drywall, painting, roofing, siding, tile work, design and estimating. After exposure of the four main areas, students can choose their area of interest and specialize in that area. Students also have the opportunity to participate in field trips, work-based learning, apprenticeships, and regional, state and national competitions. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Junior*	2 years	AM and PM

**First-year seniors can be enrolled after all eligible juniors, pending available seats.*

Cosmetology

Students learn the artistry, chemistry, anatomy and salon business operations necessary to become a successful cosmetologist. Students work with real clients in a salon/classroom setting, learning the theory and application skills necessary to become eligible to take the State of Michigan Board of Cosmetology examination and earn their Cosmetologist license. First year students follow the regular AM schedule (8:00-10:40). Second year students attend Monday and Wednesday from 11:35-4:05 PM and Tuesday, Thursday, Friday from 11:35-2:15. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Junior*	2 years	Year 1 - AM / Year 2 - PM

*Year 1 students will have additional online theory coursework to complete as part of their weekly hours/responsibilities.

**Year 2 students are required to complete online coursework AND attend extended Cos. hours on Mon. and Wed. until 4:05p.

Criminal Justice

This program is for students who are interested in being part of a team, taking on leadership roles and/or defending other people's rights. This program is made up of two 1-year classes, Law Enforcement and Investigations. The Law Enforcement class will provide students training in patrol tactical skills, defensive tactics, as well as hands-on operation and use of law enforcement technology and equipment. The Investigations class will introduce students to techniques used to gain information related to crimes, learn how to preserve the integrity of a crime scene, fingerprinting and the gathering of evidence. Students may qualify for college credits and a Capital Region Technical Early College program is available.

Grade Level	Program Duration	Time Offered
Junior/Senior	1-2 years	AM and PM

Culinary Arts & Hospitality

Culinary Arts education is designed to provide students who are focused on a food service career the opportunity to learn appropriate food preparation techniques required of culinary arts professionals. Students will have the opportunity to use their own creativity developing original recipes, experiment with world cuisine preparation, and ultimately develop a portfolio of their culinary achievements for post-secondary education and/or employment. Students will participate in preparing menus and potential operating our food truck. Students may qualify for college credit and a Capital Region Technical Early College program is available.

Grade Level	Program Duration	Time Offered
Junior/Senior	1-2 years	AM and PM

Cybersecurity & Digital Forensics

This program allows students to be part of cutting edge technology in some of the fastest growing and emerging careers. Areas of study for this program include; basic computer safety, social engineering, essential security awareness, implementing counter measures to keep data safe as well as the study of methods of deception. Numerous industry certifications are available for students to earn. Students may qualify for college credit and a Capital Region Technical Early College program is available.

Grade Level	Program Duration	Time Offered
Junior/Senior	1-2 years	AM and PM

Educational Careers

The Educational Careers program will help students prepare for an exciting future career in positions ranging from Childcare Workers, Childcare Directors, Head Start or Preschool Teachers, Paraprofessionals, K-12 Teachers, Principals, Counselors, Coaches, Youth Activity Coordinators and Parks and Recreation Leaders just to name a few. Students in this program will take two one-year courses where they will learn about key components in the education and childcare fields including child development, classroom management, and lesson and activity design. In addition, students will have the opportunity to utilize their training in a real world setting. Students will also have the opportunity to earn both a state and national certification in the program. Students may qualify for college credit and a Capital Region Technical Early College program is available.

Grade Level	Program Duration	Time Offered
Junior/Senior	1-2 years	AM and PM

Engineering Technology

High tech robotics, advanced electronics and state-of-the-art manufacturing are just a few of the topics covered in this program. Students will focus on the process of defining and solving a problem, not just getting the right answer. Students will use a combination of mechanics, electronics, CAD (Computer-Aided Design), CNC (Computer Numerical Controls) and 3-D Rapid Prototype technologies. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Junior/Senior	1 year	AM and PM

Health Foundations

Students explore health care occupations as they study core medical skills including body systems, medical terminology, first aid, medical ethics, vital signs and CPR. Once a student successfully completes Health Foundations, they have a variety of specialized year 2 options available to them. Students may qualify for college credit and a Capital Region Technical Early College program is available.

Grade Level	Program Duration	Time Offered
Junior/Senior	1 year *	AM and PM

**Year 2 is available in three different pathways of study after the successful passing of Year 1.*

Health Foundations: Medical Assistant

In this second year course, students can choose to focus their education towards medical office management or clinical skill training in medical, dental, optical, pharmacy, sports medicine, emergency services, therapeutic services and clinical laboratories. Students have the opportunity to become nationally certified in Phlebotomy or Pharmacy Technician. Students will participate in a work-based learning experience in an outpatient setting such as a dentist's office, physical therapy clinic, or clinical laboratory. Transportation to clinical sites is the parent/guardian's responsibility. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Senior	1 year	AM and PM

**Eligibility is based on successful completion of the Health Foundations course*

Health Foundations: Capital Area Patient Care Technician (CA-PCT)

This second year healthcare course gives students the opportunity to explore a variety of careers within a hospital setting while also being trained to become a certified Patient Care Technician. PCT's provide help to patients in hospitals, doctor's offices and nursing homes. Students will rotate through various clinical sites and have the opportunity to earn 2 additional certifications including phlebotomy or EKG Interpretation. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Senior	1 year	AM and PM

**Eligibility is based on successful completion of the Health Foundations course*

***This program includes placement in the surrounding community & requires the student to provide their own transportation*

Health Foundations: Sports Medicine & Rehabilitation

In the first year students will learn the body systems, medical terminology and get certified in CPR/AED/First aid. In year two, students will have the opportunity to evaluate and manage injuries, chronic diseases, develop treatment plans and prescribe exercise programs through hands-on learning labs. The knowledge and skills learned in this program are beneficial for students interested in careers such as Athletic Training/Sports Medicine, Cardiac Rehabilitation, Occupational Therapy, Physical Therapy, Respiratory Therapy and Exercise Science. Students may qualify for college credits and a Capital Region Technical Early College program is available.

Grade Level	Program Duration	Time Offered
Senior	1 year	AM and PM

**Eligibility is based on successful completion of the Health Foundations course.*

Introduction to Career & Technical Education

If you are unsure about whether you are ready for enrollment into a Career & Technical Education (CTE) program at the Wilson Talent Center, then Career Start might be a good fit for you. This one-year program will allow you to test your skills in one or more of our program offerings and get you ready for enrollment in a CTE program for the following (senior) year, while also offering the opportunity to earn some certifications to help build your confidence.

Grade Level	Program Duration	Time Offered
Junior/Senior	1 year	AM and PM

Manicuring

In this 1-year program, students will be exposed to all areas of Manicuring, including: manicuring and pedicuring techniques, nail enhancement, nail art and hybrid polishes. Upon completion of the program, students will be ready to take the State of Michigan Board of Cosmetology Manicurist Licensing exam.

Grade Level	Program Duration	Time Offered
Junior/Senior	1 year	PM only

New Media

The new Media program offers curriculum designed to equip students with essential skills for a variety of content creation careers. By covering foundational knowledge such as color theory, composition, storyboarding, and AI, alongside the use of industry standard software and equipment, students will be well-prepared for careers in fields like social media, animation, graphic design, digital film, photography, podcasting, music and many more. This comprehensive approach ensures that students will have both the creative and technical expertise needed to thrive in the evolving landscape for careers in digital media and content creation. Enrollment is open to juniors and seniors.

Grade Level	Program Duration	Time Offered
Junior/Senior	1 year	AM and PM
Senior - 2nd Year *	1 year	PM only

**2nd Year New Media students only. Mon, Wed & Thurs from 3:15-5:15 in the classroom and 4 hours per week of online coursework.*

Precision Machining Technology

Today, careers in manufacturing are exciting, cutting-edge and filled with endless possibilities. Precision Machinists are needed for windmill production, medical equipment, auto parts and many other industries that require precise metal equipment. Students will become familiar with these skills, along with technical reading, problem solving and teamwork skills. In addition, they will learn to operate sophisticated manual and computerized drills, lathes, mills and grinders. Some will use Computer-Aided Manufacturing (CAM) software programs. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Junior/Senior	1-2 years	AM and PM

Programming & Mobile Applications

In this hands-on, project oriented class, students develop a portfolio of work showcasing their website skills and programming and database skills. Students design and create their own multi-media website using Macromedia Flash, Dreamweaver and Adobe Photoshop. Students program robots to compete in various challenges, create computer programs using Visual Basic.NET and create their own computer games using various software packages. Students use Adobe Photoshop and Maya animation software

to create 3-D animated models and graphics for use on their website and in their computer games. Students create databases using Microsoft Access and learn how to connect computers with networks. Skills learned in class can be used by students to compete in our Business Professionals of America competitions. Students may qualify for college credit and a Capital Region Technical Early College program is available.

Grade Level	Program Duration	Time Offered
Junior/Senior	1-2 years	AM and PM

Welding Technology

Students learn the art and technology of joining metals together with heat, using special equipment to perform eleven different welding processes such as oxy-fuel cutting and brazing, gas metal arc and shielded metal arc welding. Students apply technical reading, engineering theory, math and measurement skills, drafting and problem solving skills as they read blueprints, set up and lay out projects, identify the right metals to be used and learn to accurately fabricate or repair a project. Students can train for direct job placement or can pursue welding engineering in college. Students may qualify for college credit.

Grade Level	Program Duration	Time Offered
Junior	2 years	AM and PM