DAVISON ALTERNATIVE HIGH SCHOOL



Course Selection Book 2026-2027

INTRODUCTION

This course selection book is designed to assist students and parents in planning for the 2026-2027 school year.

Each section contains courses offered, Prerequisites, credit given, and a brief description of each course.

Graduation requirements are provided in detail on the next page. Important information has been outlined in the next few pages. We encourage students to read the book carefully and discuss a graduation plan with parents.

Any Questions may be directed to your Counselor Mrs. Cole

GRADUATION REQUIREMENTS

SUBJECT	COURSES FOR GRADUATION	# OF CREDITS REQUIRED
ENGLISH	English 9, 10, 11, and 12.	4
MATH	Algebra I, Geometry, Algebra II, and one credit of math or math-related full-year course in the final year of high school	4
HEALTH	½ credit in health	½
PHYSICAL EDUCATION	½ credit in Physical Education or by participation in a district-approved extra-curricular athletic program or marching band	½
SCIENCE	Physical Science, Biology, Physics	3
WORLD STUDIES	World History, United States History, Government, Economics	3
VPAA / ARTS	Art education class or GCI courses	1
WORLD LANGUAGE	All students must earn 2 credits in the same language. * Please note, students will have the option to replace one credit of world language with an additional fine arts credit or a state-approved CTE course	2
ELECTIVES	All students will fill their remaining schedule with elective courses that allow them to learn more about career fields and explore areas of interest.	5-6
ONLINE EXPERIENCE	The 20-hour requirement for an online experience will be met through the EDP process.	20 hours
PERSONAL FINANCE	Graduation requirement with class of 2028 and beyond	½

Davison Alternative High School
Course Descriptions

ENGLISH

Students will take classes that emphasize reading, literature, writing, listening, and speaking objectives as defined by the Michigan Department of Education. All students are required to take and successfully complete four year-long classes.

ENGLISH 9 (1 credit)
The goal of this course is for students to develop the language skills to be successful in high school and beyond, using individualization and direct instruction to improve reading, writing, comprehension, and grammar. A variety of written formats will be explored, including persuasive, informational, and descriptive. Students will experience a variety of genres: mythology, novels, non-fiction, and drama.

ENGLISH 10 (1 credit)
The goal of this course is to develop literacy skills for post-high school education and the world of work. Students will read and write through the genres of poetry, personal narratives and memoirs, short stories, novels, informative research essays, drama, and film analysis. They will also study grammar, literary techniques, and persuasive techniques.

ENGLISH 11 (1 credit)
This class is based on a survey of American Literature from Puritan times to the present, tracing the origin and recurring themes in literature. While reading the literature, students will focus on improving active reading skills through annotation and note-taking. Writing is based on the following four modes: literary analysis, narrative, and rhetorical analysis. Preparation for the high school state assessment(s) will be included.

ENGLISH 12 (1 credit)
This course prepares students for the next level of learning after high school by fostering critical thinking and independent learning strategies. The first semester focuses on literary analysis and making contemporary connections to literature through discussion and analysis, and building strong arguments through logic and research. The second semester highlights speaking skills

and career readiness. Students will gain career readiness skills such as resume building and interview skills. The year ends with Senior Exit Presentations, in which students reflect on who they are, where they are going, how they will get there, and who can help along the way.

MATHEMATICS

Due to new demands for mathematically literate people in the workplace and higher expectations on state mathematics tests, all students must complete a core curriculum. This curriculum includes fundamental algebra, geometry, data analysis, and probability. The mathematics program provides experiences in all these areas.

With the increased use of technology in society and the workforce, scientific calculators are used in all math classes. TI-84+ graphing calculators are available for in-class use. Purchasing a graphing calculator (such as a TI-84) is not required, but is recommended for the traditional math courses. A purchased graphing calculator will not only be useful during coursework but may be used on standardized tests, such as the PLAN, ACT, MME, or SAT, and in future collegiate math courses.

Parents and students, please note: Students must take a full credit for math or related mathematics during their senior year.

Michigan Merit Curriculum math requirements are as follows: 1) Four credits in math must be earned, including Algebra I, Geometry, and Algebra II 2) A mathematics course or a mathematics-related course must be taken during the senior year.

ALGEBRA I (1 credit)

Algebra I is designed to give students a foundation for all future mathematics courses. The fundamentals of algebraic problem-solving are explained. Students will explore: foundations of Algebra, solving equations, solving inequalities, and introduction to functions, linear functions, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratic functions and equations, radical expressions and equations, and data analysis and probability. Throughout the course, Common Core standards are taught and reinforced as the student learns how to apply the concepts in real-life situations.

GEOMETRY (1 credit)

This course contains traditional geometry concepts with proofs and constructions. Algebra and trigonometry are also included.

ALGEBRA II (1 credit)
Algebra II is a college-bound mathematics course. Students will develop a higher level of understanding of previously learned algebra topics. A good foundation of Algebra I skills is necessary for success in Algebra II. Students will be expected to complete daily assignments to reach mastery of complex algebra topics. Graphing calculators will be used extensively. It is recommended that students have access to a graphing calculator outside of the classroom.

SCIENCE

In an age when scientific knowledge is expanding at a rate greater than ever before, students must be familiar with scientific principles and methods. The Science Department offers a wide variety of courses that should meet the various interests and ability levels of our students.

1. A minimum of three credits in science must be earned, including:

A. One credit in Physical Science
B. One credit in Biology
C. An additional Science credit. Chemistry, Astronomy, Microbiology, Environmental Science, Anatomy & Physiology and/or Physics is strongly advised. PHYSICAL SCIENCE 9 (1 credit, 9 th grade) Prerequisite: None This course will include concepts from both physics and chemistry such as: motion of objects, electricity, magnetism, waves and vibrations, changes in matter, and energy. This course is designed to help prepare the students for the MSTEP taken in their junior year.

BIOLOGY (1 credit)
Biology will use science and engineering practices to build models, understand unity and diversity, ecosystem dynamics, organism structures, processes, inheritance, and variation of traits.

ASTRONOMY (½ credit)
Prerequisite: Physical Science 9. This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Students will also examine the life cycle of stars, the properties of planets, and the exploration of space.

CHEMISTRY (1 credit)
Chemistry will include the study of matter and its properties, the changes that matter undergoes, and the energy associated with those changes. It is a

college preparatory theory course with an emphasis on mathematical 21 relationships in chemistry. The course will utilize general lab experiments and computer simulations to supplement and verify the theories presented.

PHYSICS (1 credit)
This course is designed for students who are not going into a science-related career in college. This is a conceptual (Algebra I – level math) approach to understanding physics principles through experiments and observing phenomena in everyday life.

WORLD STUDIES

The World Studies Department consists of two disciplines: world language and social studies. To fulfill the graduation requirements for the World Studies Department, students must complete three credits from the social studies courses. The requirements are based on the premise that students must have a basic awareness and understanding of the social sciences to function in today's complex society. In addition to class work, students are expected to keep abreast of current events by viewing and interacting with multiple news sources regularly.

The three credit requirements may be met in the following way:
1 credit of World History or Honors World History, 1 credit of United States History or AP United States History, ½ credit of United States Government, and ½ credit of Economics.

UNITED STATES HISTORY AND GEOGRAPHY (1 credit)
The substance of this course is the study of people and events from the Industrial Revolution to the present using research and discovery methods with primary and secondary sources. Students will relate historical information to present and future problem-solving. Events, ideas, and people are organized into thematic units for this course.

WORLD HISTORY & GEOGRAPHY (1 credit)
This course will deliver the main topics necessary for students to understand and demonstrate knowledge of world history and cultural foundations (especially as they relate to current issues facing the world today). In addition to an overview of significant historical eras and civilizations around the world, students will have the opportunity to investigate some or all of the following topics: the Middle Ages, the Renaissance, the Reformation, nationalism, revolution, world religions, industrial revolution, imperialism, and the 20th century.

UNITED STATES GOVERNMENT (½ credit)

The primary focus of this required American Government class is to ensure that students have a working knowledge of a constitutional democracy. Topics addressed include: Congress, the Presidency, the Judiciary, Federalism, Civil Rights, and the Bureaucracy. Some emphasis is on other forms of government, as well as our state and local governments. The goal is to prepare all students for the privilege of participating in their democratic process.

ECONOMICS (½ credit)
This required class will allow students to address economic decision-making at a practical level. It will examine economic theory and practices as well as national and international economics. Students will explore personal finance by participating in a hands-on simulation. Students will learn about many aspects of economics, including government intervention, fiscal and monetary policy, and the role of the individual in the economy.

WORLD LANGUAGES

The World Studies Department offers a comprehensive language study program in French and Spanish. It is highly recommended that college-bound students complete at least 2 credits of a world language.

Students will have the option to replace 1 credit of World Language with a state-approved CTE course/program, OR with an additional 1 credit of Visual, Performing, or Applied Arts.

Please Note: Many accredited universities recommend and/or require 2 credits of the same world language.

SPANISH I (1 credit)
This course focuses on speaking, reading, listening, and writing skills with the integration of culture. Students are expected to memorize words and sentence patterns, which will help them in daily conversations. Oral presentations, projects, and participation are part of the class.

CONSUMER MATH

CONSUMER MATH 1 (½ credit)
Consumer Math 1 is designed to teach students practical mathematical skills needed for everyday financial situations, including banking, investing, types of credit, managing credit, and making informed decisions about purchases like cars or homes, ultimately aiming to equip them with the knowledge to make responsible financial choices as consumers. The math skills used are

basic arithmetic operations (addition, subtraction, multiplication, division), decimals, and percentages.

CONSUMER MATH 2 (½ credit)
Consumer Math 2 is designed to teach students practical mathematical skills needed for everyday financial situations, including alternatives to 4-year colleges, entrepreneurship, insurance, taxes, budgeting, and making informed decisions about behavioral economics and consumer skills, ultimately aiming to equip them with the knowledge to make responsible financial choices as consumers. The math skills used are basic arithmetic operations (addition, subtraction, multiplication, division), decimals, and percentages.

WORK STUDY (1 credit)
For students who already have a job and are working an average of 15-20 hours per week. Per the employer's permission, students can earn a full credit each trimester by balancing work and school. Students will meet on one Wednesday each month, before school, and must submit their hours worked reports to the Work-study coordinator weekly. Students will be responsible for completing all requirements of their EDP during the trimester. The Work-study coordinator will maintain contact with employers and talk with students regarding what employers would like to see students improve upon. Enrollment requires a current resume to be submitted. Can be repeated for credit.

ART EDUCATION

The Art program offers students the opportunity to study art through many different media. Art will teach students basic concepts of art and a sampling of other areas. More advanced students will be challenged with more indepth projects. Art can be repeated for credit.

ART I, II, III (⅕ credit)
Students will explore art making techniques using a variety of materials and media. Each unit of study includes inspiring work from art movements and artists throughout time. There is a strong emphasis on improving basic skills and creative processes. Individual ability levels will be developed through exercises and project-based assignments as well as quizzes and formal assessments. Students will keep a binder as a journal/sketchbook. Drawing, painting, printmaking, 3-D design and sculpture will rotate throughout the year. This class may be repeated for credit.

LIFE MANAGEMENT EDUCATION

Life management education focuses on increasing self-awareness and developing essential life management skills. Students build knowledge, skills, and abilities related to career planning, personal financial literacy and responsible money management, managing resources, developing parenting skills, maintaining optimal health (including nutrition, economical meal preparation, and alternatives to drug and alcohol abuse), improving interpersonal skills, and strengthening employability skills.

PERSONAL FINANCE (½ credit)

This course equips students with essential money management skills to make informed financial decisions now and in the future. Students will explore income and career choices by researching potential earnings, employee benefits, and the cost of education or training. They will learn how to make financially responsible purchasing decisions by weighing costs, benefits, and the role of the government in consumer information. Through budgeting and saving, students will examine incentives for setting aside income and understand how time, interest, and inflation impact financial growth. The course also covers responsible credit use, including strategies to pay for college, to help students evaluate both short and long-term consequences. Students will analyze investment options, considering risk, return, inflation, taxes, diversification, and regulatory agencies. In addition, they will assess personal risk, exposure, and explore strategies for protecting income, assets, health and identity through insurance and risk management. Finally, Students will develop an understanding of federal, state, and local taxation. Including tax forms, tax benefits, and the influence of taxes on take-home pay.

OTHER OPTIONS

SCHOOL TO WORK (½ credit)

This course is designed to have students examine various career options concerning the students' interests, abilities, aptitudes, and values. This course is great whether you already know what you want to do or if you are undecided. This course will assist the students in assessing their strengths and weaknesses as they relate to career decisions. This course will aid the student in developing strategies to make an effective transition from school to work. In preparing for this transition, students will learn and apply 21st-century life and career skills that apply across all career disciplines, such as properly preparing career documents needed to obtain employment. Individual research opportunities and exploration of occupations are provided. Instruction and practical assignments explore the techniques of employment preparation, decision making, goal planning, and

communication. The student will be able to recognize that career enhancements and career changes are common and that they need to be prepared with the proper resources and guidance to make informed decisions about their career choice throughout their lifetime.
By the completion of this course, the student will be able to: Introduce the career development process, including self-awareness, career awareness, career exploration, career preparation, career satisfaction, and transition. Develop and apply the technical competencies and related academic skills that allow for economic independence and career satisfaction. Integrate information from academic and career assessments to begin planning for careers and education/training beyond high school. Demonstrate the ability to communicate, solve problems, and work individually and in teams.

Student Expectations/Requirements:
1. Students will research careers of interest.
2. Students will gain an understanding of 21st-century skills utilized in careers across all career disciplines
3. Students will complete a Career Planning Portfolio
4. Students will participate in Career Readiness Mock Interviews

<u>ONLINE CLASSES</u>

We will utilize a third-party platform, Edgenuity, to offer students multiple elective options. Health and Physical Education are offered online.

<u>GENESEE CAREER INSTITUTE</u>

Current sophomores or juniors interested in attending the Genesee Career Institute (GCI) should see their counselor to discuss courses and eligibility. If interested in Jr. ROTC, please note this is available beginning in 9th grade.

Factors used in screening students are grade point average, attendance, attitude toward school, past achievements, previous courses taken, and vocational plans. Three academic credits will be given for the successful completion of one year at GCI.

GCI offers a wide variety of vocational classes.

On delayed Wednesdays, students will need to take the early bus in the 2nd session in order not to miss the GCI class.
Students attending 1st session will need their own transportation up to the high school to catch the GCI bus.

DAVISON HIGH SCHOOL CLASSES

High School options may be available from time to time: Auto, Adv Auto, Construction, Advanced Construction, Mechatronics, Engineering, Band, and Choir.

CREDIT ADVANCEMENT BY GRADE

Grade Promoting From	Beginning of the Year Requirements
9th to 10th	5 credits earned
10th to 11th	11 credits earned
11th to 12th	17 credits earned

DROPPING A CLASS

In the event it is necessary to change schedules, students must do so within the first week of each trimester. Any other changes should only be for students who are academically misplaced.

ARTICULATED CREDIT

In Career / Technical Education (CTE) Courses

Articulated credit in Michigan allows high school students enrolled in CTE programs to earn college credit while still in high school. This is achieved through formal agreements between high schools and colleges, where specific CTE courses are recognized as equivalent to college courses. By successfully completing these courses with a "C" or better, students can receive college credit that can be transferred to a participating college or university. This can save students time and money in their college education, as they can potentially graduate sooner or reduce the number of credits they need to complete.

***** Students may earn these credits from Davison High School CTE classes or GCI classes.**
***** Any questions about credits should be directed to the counselor.**

CLASSES FOR SENIOR MATH CREDIT

The following courses have been approved as math related classes for seniors that can be counted for a fourth year math related credit.

- **Some classes at GCI will count**
- **Consumer Math I and II**
- **High School classes - Auto I, II, and III, Construction I and II, Intro to Engineering and Design, Mechatronics, Principles of Engineering**