



Glen Lake Secondary School

**High School Course and Planning Guide  
2021-2022**

[www.glenlakeschools.org](http://www.glenlakeschools.org)



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## Graduation Requirements

A minimum of twenty-one (21) credits and eight (8) semesters of attendance is required by Glen Lake High School (grades 9-12 inclusive). In order to graduate from Glen Lake High School with a Diploma, all students must successfully complete the following courses or equivalent as determined by the high school principal.

Graduation Requirements		
Course	Semesters	Credit
English	8	4.0
Math	8	4.0
Science	6	3.0
Social Studies	6	3.0
Physical Education	1	0.5
Health	1	0.5
Applied/Visual/Performing Arts	2	1.0
World Language	4	2.0
Elective	6	3.0
<b>TOTAL</b>		<b>21</b>

**Carnegie Unit:** A Carnegie Unit is a unit of work at the high school level equivalent to a minimum of 120 hours of instruction. It is the amount of credit given by Glen Lake High School for satisfactory performance in a subject taken one class period five times a week for a full school year.

**Semester Credit:** A Semester Credit is equal to half (1/2) a Carnegie Unit. Glen Lake High School gives ½ (.5) semester credit for a satisfactory performance in a subject taken one class block, for one semester. One semester is equivalent to ninety (90) days of instruction.

**Students must meet Michigan Merit Curriculum Requirements:** Students will be encouraged to take rigorous courses and electives that support the students' career pathways. Michigan Merit Curriculum: Students must meet Michigan Merit Curriculum requirements. Students will be encouraged to take rigorous courses and electives that support the students career pathways.

**Attendance:** All students will attend school full time. Eight semesters of attendance is required. To graduate and participate in graduation exercises, a student must meet graduation requirements set by the Board and attend Glen Lake High School as a full-time student during the second semester of his/her senior year.

## General Information

**Credits:** Credit toward graduation requirements may be earned through: Glen Lake courses, Northwestern Michigan College, Virtual Learning (internet courses), and approved summer school programs. All grades earned will count toward the student's grade point average based on a 4.00 scale.

**Repeating a Class:** Students who wish to repeat a course in which they previously received a grade of 2.0 (C) or less may do so with parental permission. The student can improve his letter grade but will only be allowed credit for taking the class one time. The student's cumulative grade point average shall reflect the most recently earned grade for the class. A grade of "F" cannot be changed and will remain on the final transcript.

**Drop and Add:** A period of drops and adds will occur at the beginning of each semester. This will last for a maximum of one week. After this period ends, a student will be allowed to drop only if educational reasons are presented and approved by the principal. A poor working relationship between student and teacher shall not be considered an extenuating circumstance.

**Credit Recovery:** Options are available to students who need to make up credit in a required class or earn extra elective credits in order to graduate with their class. Students are encouraged to discuss these options with their counselor. All credit makeup courses must be approved by your counselor prior to enrollment. Summer school programming is fee-based.



## Secondary Programs

### **Advanced Placement:**

This rigorous program exposes high school students to college-level material through involvement in an AP course and gives students the opportunity to show they have mastered the material by taking an exam. The testing takes place during a two-week period in May. All AP students are required to take the AP exam(s). Colleges and universities may then grant credit, placement, or both, to students (based on qualifying scores). Although the AP exam is an assessment for college credit, it is only one component. The AP program allows students to learn a subject in greater depth, practice higher-level thinking skills, lay the groundwork for future challenges, and acquire the self-discipline necessary for high academic achievement. 20 students max. See *appendix*.

### **Early College Program of Northwest Education Services “North Ed” (formerly Traverse Bay Area Intermediate School District-TBAISD):**

Students who enroll in select programs at the North Ed Career-Tech Center are eligible to apply for admission into the Early College Program in the spring of their sophomore year. Students will be selected for participation in accordance with Northwestern Michigan College admission requirements. Early college students who qualify will work with advisory personnel to select a sequence of high school and college courses leading to completion of the Michigan Merit Curriculum requirements, as well as Associates Degree or technical certificate and/or up to 32 transferable college credits upon successful completion of the program.

### **Accelerated Schedule:**

Students are given the opportunity to earn high school credit for Algebra I, and/or World Language courses during Middle School. If students successfully complete the required assessments they will enter 9th grade with high school credits earned. Accelerating the student’s ability to fulfill high school graduation requirements and elect advanced courses is encouraged in grades 9-12. Glen Lake offers a variety of programs promoting credit acceleration: e.g. Advanced Placement, Dual Enrollment, Online Courses, and Early College opportunities.

### **Personal Curriculum:**

The PC is an option any student or family can explore as a way to modify certain graduation requirements and earn a diploma. The purpose of secondary education is to prepare students for life after high school. Any modification to a student’s graduation requirements needs to be consistent with this purpose. The high school diploma is documentation that the student has met the expectations and possesses the knowledge and skills necessary for postsecondary success. The PC is a process to modify specific credit requirements and/or content expectations based on the individual learning needs of a student. It is designed to serve students who want to accelerate or go beyond the MMC requirements and students who need to individualize learning requirements to meet the MMC requirements such as those with a 504 or IEP documentation. See the counselor to learn more.

**Dual Enrollment:**

The Dual Enrollment program offers students, who qualify, an opportunity to enroll in college level courses. Qualifying students are eligible to earn tuition-free college credit in approved courses while completing their high school education. See *Appendix*. Northwestern Michigan College Course Descriptions for Dual Enrollment:

<https://www.nmc.edu/programs/course-descriptions/>

**Independent Study:**

This program is designed specifically for those students in their junior or senior year who are highly and intrinsically motivated, and desire an opportunity for a very focused and intensive research experience. The student will meet with the instructor and prepare a proposal to be submitted for approval. Students and their instructors may coordinate a work schedule that falls outside of their normal class period structure. The course will culminate with the student writing a formal paper and presenting their project to their peers and advisor. For details, see a counselor.

**Internship:**

An internship is an opportunity to explore a possible career path in or out of the school building. The internship is developed by the student, with their employer and includes setting goals and reflecting on those goals throughout the internship period. An internship can be one to three periods with a commitment to replace those class hours with direct on-the-job experience documented bi-weekly through time sheets. Internship time can be during the class period or outside the school day including the weekend. Application packets are available in the counseling office.

**Virtual Courses:**

All students are eligible for virtual courses. Due to the unique nature of the online program, certain standards and behaviors are expected of test out students. Glen Lake utilizes a Student and Parent Online Contract where students are asked to understand and agree to abide by the guidelines as stated. Parents are asked to acknowledge the expectations and understand the consequences of failure to abide by the guidelines. Students will have to demonstrate readiness prior to enrollment. See *Appendix*. Edgenuity Virtual Course List and course Catalogue:

<https://www.edgenuity.com/course-lists/Edgenuity-Michigan-Course-List.pdf>

<https://www.edgenuity.com/wp-content/uploads/2017/07/Course-Description-Catalog.pdf>

**Test Out:**

High school students may request the opportunity to test out of any high school class they select that they have taken before. A student who successfully tests out of a course will receive credit toward graduation for the course. The test out grade will simply be a “pass” and will not be included in the calculation of a student’s grade point average. The option to test out will be offered in the spring of each year. Students interested in pursuing test out opportunities are encouraged to discuss the option with their counselors. To test out, students are expected to score 80% or higher on the test out exam.

**CLEP:**

The College Board’s College-Level Examination Program (CLEP) is the most widely trusted credit-by-examination program. This rigorous program allows students from a wide range of ages and backgrounds to demonstrate their mastery of introductory college-level material and earn college credit. Students can earn credit for what they already know by getting qualifying scores on examinations. While CLEP is sponsored by the College Board, only colleges may grant credit toward a degree. Not all colleges have the same CLEP policies—some colleges accept credit for a few exams, while others accept credit for all of them. Glen Lake recommends test prep for success. See [Modern States Education Alliance](#) for further information.

**Career-Tech Center (CTC) of Northwest Education Services “North Ed” (formerly TBAISD):**

Career-Tech Center programs (grades 11-12) offer an educational experience designed to provide rigorous career ready programming to students in addition to on-site hands-on career exploration. More information about the variety of programs can be found at <https://www.tbaisd.org/career-tech-center/>.

**Special Education:**

Special Education courses and services are designed for students certified with physically handicapped, cognitively impaired, learning disabled, hearing impaired, emotionally impaired, or speech and language impaired. Support is offered in Reading, Math, Vocational Education, Work Study, Personal Adjustment, and Support Studies. Special emphasis is placed on learning skills, improving social skills, and communication skills. Programming considers the talents and abilities of the student. All programs operate according to state and federal mandates. Special education students have access to the general education curriculum.

**Impact Hour:**

All students will participate in, as part of the daily bell schedule, a period designed to increase their skills and knowledge in social emotional education. The activities are small group and teacher-led and follow a state of Michigan endorsed curriculum addressing self-awareness, self-management, social awareness, relationship skills, and responsible decision making.



## Scheduling Tools

### Career Pathways:

Career Pathways is a scheduling tool that students and families can use to help select courses that support a possible career pathway. The pathway approach is a way to create a dynamic actionable plan that outlines the steps needed to achieve school, career and life goals. Some classes are limited to students in specific grades at Glen Lake, offered in only an on-line format, or exist at CTC, while others can be developed depending on student interest and numbers.

Thinking ahead and intentionally planning your high school experiences is helpful if you are headed to the workplace or college.

- Think big. A career pathway helps you take a broad look at your options through 5 career fields.
- Get excited. Exploring a career pathway helps you plan intentionally for what is important now and your future.
- Stand out. Grab college and employer’s attention by knowing the skill requirements and knowledge for specific fields, jobs, and degrees.

Art & Technology (Creative Pathway)	STEAM (Science, Tech, Engineering, Art, Math)	Business & Entrepreneurship (Business/Management Pathway)	Health & Human Services (Helping Pathway)	Humanities (Communication Pathway)
Film Class*	Photography class	Photoshop	Big Pals	French*
Digital Photography	Adv. Computer Applications*	Marketing*	SWA	Poetry
AP Art Class	Architecture*	Business Math	NHS	Journalism
Advertising*	Robotics	Entrepreneurship*	Leadership/LABS	Debate
Woodshop	Aviation -NMC or “Giving Wings”	Broadcasting	Life Skills/Home	Sign Language*
Broadcasting	Computer Science*	Accounting	Economics	World Languages
Art	CTC Manufacturing Technology	CTC-Graphic Design	Psychology	CTC Front Street
Journalism	CTC Construction Trades	CTC-Electrical Occupations	Sociology	Writers
CTC Graphic Design and Promotional Media	CTC Electrical Occupations	CTC Graphic Arts	Foods 1 and 2	CTC Film and New Media
CTC Film and New Media	CTC Agriscience/Natural Resources	CTC Business Careers	Health Education	
CTC Graphic Arts	CTC Precision Machining Tech		AP Biology	
*Online course	CTC Welding and Technology		CTC Culinary Arts	
	CTC Auto Body Collision Repair		CTCEarly Childhood Education	
	CTC Drafting and Design ONLINE		CTC Teacher Academy	
	CTC Manufacturing Technology		CTC Allied Health	
			CTC Public Safety	

**Sample Student Schedules:**

See *Appendix*. Check out how you might plan your courses over your high school career with a goal in mind.

- Education
- Environment
- HVAC
- Mechanical Engineer



**Course List:**

The courses in this catalog will be scheduled only if registration figures indicate a sufficient enrollment demand for the course. Before planning the high school program, students are to review graduation requirements. During the second semester of each school year, students finalize their course selections for the following year. At this time, counselors urge students to examine their 4-year high school pathway, taking into consideration their personalities, interests, abilities, and post-secondary education and career plans. **Utilize the 4-year Plan Tool.**

<b>English Language Arts</b>				
<b>Department and Course List</b>	<b>Credit</b>	<b>Prereq</b>	<b>Elective</b>	<b>Graduation Requirement</b>
English 9	1			
English 9 (Honors)	1	X		
English 10	1			
English 10 (Honors)	1	X		
English 11	1			
English 12	1			
English Language and Composition (AP)	1	X		
English Literature and Composition (AP)	1	X		
<b>General Essentials</b>				
<b>Department and Course List</b>	<b>Credit</b>	<b>Prereq</b>	<b>Elective</b>	<b>Graduation Requirement</b>
Accounting	0.5	X	X	
Big Pals	0.5		X	
Business and Personal Law	0.5	X	X	
Computer Science	0.5		X	
Coreflex	0.5		X	
Creative Writing	0.5	X	X	
Cultural Anthropology	0.5		X	
Debate	0.5		X	
Design and Innovation	0.5		X	
Entrepreneurship & Marketing	0.5		X	
Film and Literature	0.5		X	
Independent Study	0.5	X	X	
Internship	0.5	X	X	
Journalism	0.5		X	

General Essentials				
Poetry	0.5			X
Psychology	0.5			X
Psychology (AP)	1	X		X
Robotics	0.5			X
Sociology	0.5			X
Sound, Light, and Stage Production	0.5			X
United States Government and Politics (AP)	1	X		X
Woodshop	0.5			X
Yearbook	1			X
Health & Physical Education				
<i>Department and Course List</i>	<i>Credit</i>	<i>Prereq</i>	<i>Elective</i>	<i>Graduation Requirement</i>
Health	0.5			1 Credit  Required Coursework: <ul style="list-style-type: none"> <li>• 0.5 Health</li> <li>• 0.5 Physical Education</li> </ul> PE Waiver - requires at least 3 full seasons of JV and/or Varsity athletics
Outdoor Recreation	0.5			
Personal Fitness	0.5			
Powerlifting and Agility	0.5			
Mathematics				
<i>Department and Course List</i>	<i>Credit</i>	<i>Prereq</i>	<i>Elective</i>	<i>Graduation Requirement</i>
Algebra I	1	X		4 Credits  Required Coursework <ul style="list-style-type: none"> <li>• Algebra I</li> <li>• Algebra II</li> <li>• Geometry</li> <li>• 4th year Math</li> </ul>
Algebra II	1	X		
Business Math and Personal Finance	1	X		
Calculus AB (AP)	1	X		
Geometry	1	X		
Pre-Algebra	1	X		
Pre-Calculus	1	X		
Statistics (AP)	1	X		
Science				
<i>Department and Course List</i>	<i>Credit</i>	<i>Prereq</i>	<i>Elective</i>	<i>Graduation Requirement</i>
Anatomy & Physiology	0.5		X	3 Credits  Required Coursework <ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry or Physics</li> <li>• 3rd Science</li> </ul>
Biology	1			
Biology (AP)	1	X		

Science			
Chemistry	1	X	
Chemistry (AP)	1	X	
Chemistry (Honors)	1	X	
Environmental Science (AP)	1	X	
Forensic Science	0.5		
Physics	1	X	
Plants & Bacteria	0.5		X
Zoology	0.5		X

Social Studies				
<i>Department and Course List</i>	<i>Credit</i>	<i>Prereq</i>	<i>Elective</i>	<i>Graduation Requirement</i>
American Studies	1	X		3 Credits  Required Coursework <ul style="list-style-type: none"> <li>• US History</li> <li>• World History</li> <li>• Economics .5</li> <li>• Civics .5</li> </ul>
Civics	0.5			
Economics	0.5			
United States History (AP)	1	X		
World History	1	X		

Visual, Performing and Applied Arts				
<i>Department and Course List</i>	<i>Credit</i>	<i>Prereq</i>	<i>Elective</i>	<i>Graduation Requirement</i>
Advanced Art	0.5	X	X	2 Credits
Art History	0.5		X	
Band	1		X	
Digital Photography	0.5		X	
Drawing and Painting	0.5		X	
Food & Nutrition 1	0.5		X	
Food & Nutrition 2	0.5	X	X	
Jewelry	0.5		X	
North by Northwest	1		X	
Photoshop	0.5		X	
Screen Design	0.5	X	X	
Theater	0.5		X	
Woodshop	0.5		X	
2-D Design	0.5		X	

Visual, Performing and Applied Arts				
3-D Design	0.5		X	
World Language				
<i>Department and Course List</i>	<i>Credit</i>	<i>Prereq</i>	<i>Elective</i>	<i>Graduation Requirement</i>
Spanish I	1			2 Credits
Spanish II	1	X		
Spanish III	1	X		
Spanish IV	1	X		
Spanish (AP)	1	X		



## Course Descriptions:

# English Language Arts

## Creative Writing

**Grade:** 10, 11, 12 **Length:** Semester **Prerequisites:** English 9

**Description:** Creative Writing is a one-semester course where students explore various writing styles and genres, while also expanding their writing ability and idea development. Students will write every day in different styles such as: memoir, imaginative writing, short story and poetry. Via analysis, peer review and teacher coaching, students focus on the craft of fiction writing. Reading selections for models are both student and coach generated. Some craft emphasized are theme, character, plot, sensory detail and imagery. The invocation of literary devices is also investigated to give students' writing both animation and grit. Short story writing treads into genres such as: science fiction, horror, drama and fantasy. Via the manipulation of mechanics, students will learn the rules and experiment with how to break them. Some work may be published with the permission of the author.

## English 9

**Grade:** 9 **Length:** Year

**Description:** This year-long, required course develops students' reading, of both choice texts and whole class texts; writing in the three main modes of narration, analysis, and argument; speaking; listening; and viewing. Students read and experiment with various genres from short fiction and non-fiction, essays, drama, poetry, novels, as well as myriad digital media forms. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice.

## English 9 (Honors)

**Grade:** 9 **Length:** Year  
**Prerequisites:** Teacher Recommendation

**Description:** This year-long course develops students' reading of both choice texts and whole class texts; writing in the three main modes of narration, analysis, and argument, as well as cross-modes; speaking; listening; and viewing. Also key in English 9 (Honors) is an in-depth focus on understanding of rhetorical strategies: diction, detail, imagery, point of view, tone as well as persuasive appeals. Students will hone their rhetorical skills as well as analyze other writers' rhetoric. Students read and experiment with various genres from short fiction and non-fiction, essays, drama, poetry, novels, as well as myriad digital media forms. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice.

## English 10

**Grade:** 10 **Length:** Year **Prerequisite:** English 9

**Description:** Students will read, analyze and examine some of the greatest literary works of all time. The texts used will

cover hundreds of years, countless genres, and multiple cultures – all in one school year. In addition to familiarizing students with classic works, this course will also continue to develop reading, writing, speaking and critical thinking skills.

## English 10 (Honors)

**Grade:** 10 **Length:** Year **Prerequisites:** English 9

**Description:** Students will read, analyze, and examine some of the greatest literary works of all time. The texts used will cover hundreds of years, countless genres, and multiple cultures – all in one school year. In addition to familiarizing students with classic works, this course will also continue to develop reading, writing, speaking and critical thinking skills. Assignments for the Honors course will require more thought and planning, be faster paced, less teacher directed, and require a deeper level of textual comprehension and understanding than English 10 (Honors).

## English 11

**Grade:** 11 **Length:** Year **Prerequisites:** English 9, 10

**Description:** This year-long course continues to develop students' reading, of both choice texts and whole class texts; writing in the three main modes of narration, analysis, and argument, as well as cross-modes; speaking; listening; and viewing. English 11 focuses on the college preparation side of reading and writing for analysis. Students read and experiment with various genres from short fiction and non-fiction, essays, drama, poetry, novels, as well as myriad digital media forms, with a frequent focus on gearing projects and products toward an audience outside the classroom's walls. Speaking skills are developed in small and large-class discussions, as well as online forums, to develop fluency via frequent practice.

## English 12

**Grade:** 12 **Length:** Year **Prerequisites:** English 9, 10, 11

**Description:** English 12 is a college preparatory course that contains mature, thoughtful reading selections and focuses on students becoming stronger, more confident critical readers and writers. During the final semester, students read selections from a multitude of non-fiction genres, work extensively on annotating those pieces and investigating what their authors did well and how their craft of language impacted their understanding. Students practice applying different strategies to enhance understanding of a text and produce their own works in various genres: autobiographical, descriptive, reflective pieces, observational, explanatory, evaluative, and argumentative.

## English Language and Composition (AP)

**Grades:** 11, 12 **Length:** Year **Prerequisites:** English 10

**Description:** This elective course is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. Students will take the Advanced Placement Language and Composition exam administered by the College Board and potentially earn college credit for their

busefforts. Although there are no official prerequisites for Advanced Placement Language and Composition, students who have completed Honors English courses in earlier grades will likely be better prepared for the rigor of this course.

## **English Literature & Composition (AP)**

**Grade:** 11, 12    **Length:** Year    **Prerequisites:** English 11

**Description:** This elective course is designed for students who enjoy reading, digesting, contemplating and discussing quality works of literature and their construction. The course content and pace is appropriate for the collegiate level. Students will take the Advanced Placement Literature and Composition exam administered by the College Board and potentially earn college credit for their efforts. Although there are no official prerequisites for Advanced Placement Literature, students who have completed Honors English courses in earlier grades and Advanced Placement Language and Composition will likely be better prepared for the rigor of this course. The focus of Advanced Placement Literature and Composition is close reading and critical analysis of works of "literary merit." AP Literature and Composition students will also create and present reflections upon their comprehensive education with their Senior Portfolios (first semester) and final projects (second semester), which showcase their ability to select a meaningful course of study, create and execute a plan of research using various methods of inquiry, impact the world in which they live in a positive manner, interact appropriately and professionally with a wider community, and present their efforts to an audience of their academic community.

## **Poetry**

**Grade:** 9-12    **Length:** Semester    **Prerequisites:** English 9

**Description:** This elective course is for students interested in writing original poetry, and studying poetic language, poets' lives and work, and poetry movements. We will read and discuss poems from throughout the ages from varied backgrounds and global viewpoints. A wide variety of cultural, political, and philosophical ideas will be discussed in relation to the materials. An open mind will be essential. We will also write original poetry in response to other poets' writings and as a result of class sacred writing and workshop times. Students will publish their best work in a class-produced publication and a spoken-word poetry CD. Everyone will choose a modern-day poet to research and briefly present his/her findings, and all students will organize their best original work into a final portfolio project. As a class, we will seek and embrace publication opportunities.

# **General Essentials**

## **Accounting**

**Grades:** 10, 11, 12    **Length:** Semester  
**Prerequisites:** Algebra 1, Geometry

**Description:** This introductory class covers the basics of Accounting from the business owner or managerial perspective. We cover the accounting cycle, learn how to keep daily records, update accounts, and prepare financial statements. Topic include business transactions, the accounting equation, assets, liabilities, owner's capital, revenue, expenses, journaling, ledgers, and the worksheet,

and financial statements. Students design and build spreadsheets to organize information and create professional looking financial reports. This is an excellent class for students that want an introduction to Accounting or who would like to own or manage their own business one day.

## **Big Pals**

**Grades:** 9, 10, 11, 12    **Length:** Semester

**Description:** Students in this class coordinate and participate in the Big Pals programming each semester. Students work with staff to design and build the pairings with members of the class and identified elementary students of need. Students also research and develop the program activities and events. The purpose of the class is to foster positive and supportive role model relationships between grade levels within the district to support positive school culture.

## **Business and Personal Law**

**Grades:** 10, 11, 12    **Length:** Semester  
**Prerequisites:** Economics, Civics

**Description:** Business and Personal Law covers the basics of our legal system taught within the context of current events, past legal precedents, and historical landmark cases. Students learn where our laws come from and how our court system is structured. We cover constitutional law, the court system, civil law, criminal law, employment law, business law, contract law, consumer law, international law, and family law. Students find credible sources, investigate legal principles, explore various perspectives, create dynamic multimedia presentations, and share their findings freely with the class. This is a great class for anyone who wants to have a better understanding of our legal system, how to understand the news, and learn what's happening in the world around us.

## **Computer Science**

**Grade:** 9, 10, 11, 12    **Length:** Semester

**Description:** Computer Science course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object oriented and imperative problem solving and design.

## **Coreflex**

**Grades:** 9, 10, 11, 12    **Length:** Semester

**Description:** This course is primarily an activity class with a portion of the class devoted to individual research and application of mind/body concepts. Fitness objectives will include working on postural function, flexibility, core strength and muscle toning. Mind body concepts include: how we manifest stress in our body, how to manage it including developing a mindfulness or a relaxation program. Ayurveda, the sister science to yoga, will be investigated including a basic understanding of the Doshas, Chakras and 8 limbs of yoga.

## Cultural Anthropology

**Grade:** 9, 10, 11, 12      **Length:** Semester

**Description:** Cultural Anthropology is designed with the specific goal of studying cultural variations among humans. Students will research & examine the impact of global economic, geographic and political processes on local realities. The title of "Culture" within this course refers to humans as a whole, which includes knowledge, belief, art, morals, law, customs and all capabilities, and habits acquired as a member of a society.

## Debate

**Grades:** 9, 10, 11, 12      **Length:** Semester

**Description:** Intro to Debate is a semester beginning level course. After completing this course, students will have a set of portable argumentation and advocacy skills that they can use in a variety of experiences throughout life. Students will initially learn about and practice structured extemporaneous speeches with emphasis on verbal and nonverbal delivery skills (organization, projection, inflection, eye-contact, hand gestures, and more). Students will then build a foundation for effective argumentation and advocacy (claim/warrant/evidence) by participating in "SPAR" debates. This class is ultimately for students who want to explore debate.

## Design and Innovation

**Grades:** 9, 10, 11, 12      **Length:** Semester

**Description:** Future innovators, problem solvers, and entrepreneurs. This class builds a capacity for creativity and innovative problem-solving. Students will tackle real-world problems through projects using a design process (Understand, Observe, Point of View, Ideate, Prototype, Test) to find solutions. Product designers create the things we use everyday and innovate new products for tomorrow. These include things like electronics, toys, footwear, tools, sports equipment, vehicles, and medical devices. Students will learn about the Design Cycle and explore the process used by designers to create, prototype, and make original products. Students will explore design through iterative sketching and using a variety of digital tools. Some projects will also include making and using a real life product from student designs.

## Entrepreneurship & Marketing

**Grades:** 9, 10, 11, 12      **Length:** Semester

**Description:** This class is designed to teach students some of the basics of business marketing and management. Students learn how to start and operate a business and work in conjunction with the screen printing class to operate the school store. The course provides inquiry-based learning to enable students to analyze, create, and develop small business skills. Concepts and skills are reinforced by a strong emphasis on hands-on experiences.

## Film and Literature

**Grades:** 10, 11, 12      **Length:** Semester

**Description:** Film and Literature will focus on the connections between literature and film adaptations. This will be done through in depth study of film, writing, and literature. Students will be expected to read selected novels, plays, and/or short stories that are assigned with this class. Film and Literature will help students explore the relationship between individual literature and film for concepts such as theme, characterization, plot, conflict, and organization. This course will expect students to assess and analyze the portrayal of literature in different media formats.

## Independent Study

**Grades:** 11, 12      **Length:** Semester

**Description:** This program is designed specifically for those students in their junior or senior year who are highly and intrinsically motivated, and desire an opportunity for a very focused and intensive research experience. The student will meet with the instructor and prepare a proposal to be submitted for approval. Students and their instructors may coordinate a work schedule that falls outside of their normal class period structure. The course will culminate with the student writing a formal paper and presenting their project to their peers and advisor. For details, see a counselor.

## Internship

**Grades:** 11, 12      **Length:** Semester

**Prerequisite:** Counselor Approval

**Description:** An internship is an opportunity to explore a possible career path in or out of the school building. The internship is developed by the student, with their employer and includes setting goals and reflecting on those goals throughout the internship period. An internship can be one to three periods with a commitment to replace those class hours with direct on-the-job experience documented bi-weekly through time sheets. Internship time can be during the class period or outside the school day including the weekend. Application packet is available in the counseling office.

## Journalism

**Grades:** 9, 10, 11, 12      **Length:** Semester

**Description:** Journalism will be designed as an elective course available to all high school students grades 9-12. In this class, students will compose pieces fit for publication, have the opportunity to choose the topics they write about, be exposed to a variety of types of journalistic writing (like writing for news, sports, opinion, and yearbook coverage), and will have the opportunity to edit and revise both their own work, and the work of other students. Students will also receive a variety of news articles to read, so that they can also learn this style of writing through modeling and exemplification. Additionally, by reading sample articles through a critical lens, students will have the opportunity to see biases in the article, give opinions and feedback on pieces read, and propose ways to improve these sample texts. Photojournalism will also be a unit covered in this course, as well as information presented on page design. These are skills that work hand-in-hand with

journalistic writing, and moreover, are skills print publishers are now looking for in applicants, and “all-media journalists” are those often sought by newspapers and other publications.

## Psychology

**Grade:** 10, 11, 12      **Length:** Semester

**Description:** Introduction to Psychology provides students an opportunity to gain personal insights into themselves and others. The class is designed to provide an overview of basic psychological concepts, technical vocabulary, and theories in the fields of psychology including: history and methods, brain bases of behavior, perception, learning, development, cognition, personality memory, abnormal and treatment, stress and health motivation, and emotion and social psychology among others.

## Psychology (AP)

**Grade:** 11, 12      **Length:** Semester

**Description:** The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

## Robotics

**Grades:** 9, 10, 11, 12      **Length:** Semester

**Description:** The instructional program for Robotics introduces high school students to basic programming as well as problem solving strategies. This course will involve students in the development, building and fabrication of robotics chassis. Students will work hands-on in teams and individually to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, decision-making, propulsion systems and locomotive systems. The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on mobile robots and illustrations of current state of the art research and applications.

## Sociology

**Grades:** 11, 12      **Length:** Semester

**Description:** Introduction to Sociology offers students a taste of the many branches of Sociology. Sociology is the study of humans, groups, societies, and social interaction, and its effects on society as a whole. This class encompasses critical thinking, analyzing social concern, and encourages students to look at society from a new perspective.

## Sound, Light, and Stage Production

**Grades:** 9, 10, 11, 12      **Length:** Semester

**Description:** This class introduces students to a practical approach to technical and production aspects. Students learn the skills needed to construct scenery, hang and focus lighting instruments, and implement a sound system. Students will play an active role in the current production.

## United States Government & Politics (AP)

**Grade:** 12      **Length:** Year  
**Prerequisites:** Economics, Civics, World History, American Studies or AP US History

**Description:** AP U.S. Government & Politics is considered an introductory college survey course that analyzes the government/political aspects of the United States. The content is based on curriculum requirements developed and approved by the Advanced Placement College Board. The purpose of AP U.S. Government & Politics is to prepare students for the rigors of a college education and the AP Exam (in May).

## Woodshop

**Grades:** 9, 10, 11, 12      **Length:** Semester

**Description:** This course is designed to give students a basic understanding of shop rules and procedures. Students will use hand tools and some power tools to make a project. Students can perfect their skills by taking this course multiple times.

## Yearbook

**Grades:** 9, 10, 11, 12      **Length:** Semester

**Description:** Members of the yearbook class design and create the Glen Lake High School yearbook using Pictavo, an online yearbook design software. This project-based class operates like a small business where students learn all aspects of financing, creating, designing, and publishing a high quality, professional looking yearbook. Students contact advertisers, sell and create ads, take photographs, design pages, write captions and short articles, sell yearbooks, and track expenses and revenue of publishing the yearbook using spreadsheets. Yearbook staff members will learn how to communicate professionally on the phone, in person, or via email, must be reliable and able to meet deadlines, willing to both work independently and collaborate with others, and be fully committed to meeting the high standards of quality required to publish the final product. The Glen Lake Yearbook is entirely self-funded through advertising and sales revenue.

# Health and Physical Education

## Health

**Grade:** 9, 10, 11, 12      **Length:** Semester

**Description:** Holistic or preventative health care is emphasized with units of instruction in the following areas: Basic anatomy, first aid, substance abuse, consumer health,

nutrition and exercise, mental health and stress, infectious and non-infectious diseases as well as basic reproductive health.

## Outdoor Recreation

**Grade:** 9, 10, 11, 12    **Length:** Semester

**Description:** In this course students will participate in a variety of activities in formats individual, small group, or whole group that take place outside. Students will need to bring weather and season appropriate attire to participate.

## Personal Fitness

**Grade:** 9, 10, 11, 12    **Length:** Semester

**Description:** This course requires students to evaluate their individual fitness level and plan a fitness workout that fits them individually. The goal is for students to be self-evaluators of needs for improvement and, with consultation, make a plan that would best suit them.

## Powerlifting & Agility

**Grade:** 9, 10, 11, 12    **Length:** Semester

**Description:** This course requires students to evaluate their individual fitness level and then plan a fitness workout that fits them individually. Activities will focus on the weight room and instructional goals will include safe and proper use of equipment. The goal is for students to be self-evaluators of needs for improvement and with consultation, and make a plan that would best suit them.

# Mathematics

## Algebra 1

**Grade:** 9    **Length:** Year

**Description:** Algebra 1 is the first course in a five-year sequence of college preparatory mathematics courses that starts with Algebra I and continues through Calculus. It aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations, inequalities, and systems. These skills are extended to solving quadratic equations, exploring linear, quadratic, and exponential functions graphically, numerically, symbolically, and as sequences, and by using regression techniques to analyze the fit of models to distributions of data. On a daily basis, students in Algebra use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Under teacher guidance, students learn in collaboration with others while sharing information, expertise, and ideas. Students will be involved in class discussions, technology investigations, pattern building, partner work, individual work and projects.

## Algebra II

**Grade:** 9, 10, 11, 12    **Length:** Year

**Prerequisite:** Algebra 1, Geometry

**Description:** Algebra 2 is the third year math class offered at Glen Lake. The content includes tools of Algebra, Functions, Equations, and Graphs, Linear Systems, Quadratic Equations and Functions, Polynomials and Polynomial Functions, Radical Functions and Rational Exponents, Exponential and Logarithmic Functions, Rational Functions, Periodic Functions and Trigonometry, Trigonometric Identities and Equations.

## Business Math and Personal Finance

**Grade:** 10, 11, 12    **Length:** Full year or semester

**Prerequisites:** Algebra 1, Geometry

**Description:** Business Math and Personal Finance teaches students mathematics in the context of business and personal finance applications and settings. Topics studied include payroll, state, federal and payroll taxes, budgeting and money management, banking and credit, saving and investing, employment skills, career research, consumer math, creating spreadsheets to manage data, and buying and selling vehicles. This project-based class explores real world math in everyday business and personal finance situations. The overarching goal of the course is to become financially literate, develop strategies for managing one's financial resources, and learning how to effectively budget and plan in order to reach lifelong financial security.

Business Math and Personal Finance can be taken as a full year or semester course. Each semester counts as .5 math credits. This course may be taken alone or simultaneously with other math courses.

## Calculus AB (AP)

**Grade:** 11, 12    **Length:** Year

**Prerequisites:** Algebra 1, 2, Geometry, Functions, Statistics, Trigonometry, Pre-calculus)

**Description:** AP Calculus is a college level Calculus class equivalent to the 1<sup>st</sup> semester of Calculus 1. Students can earn 1 semester of credit by showing proficiency on the AP Calculus (AB) exam. Topics include limits, differentiation, and integration.

## Geometry

**Grade:** 9, 10, 11    **Length:** Year    **Prerequisite:** Algebra I

**Description:** This course is designed to emphasize the study of the properties and applications of common geometric figures. It includes the study of transformations, similar triangles, congruent triangles and right triangle trigonometry. Through the use of logic and deductive reasoning, students develop the concepts of formal proof, explore the properties of two- and three-dimensional objects, and work within the rectangular coordinate system to verify geometric relationships.

## Pre-Calculus

**Grade:** 10, 11, 12      **Length:** Year  
**Prerequisite:** Algebra 1, 2, Geometry

**Description:** Course 4 is the fourth year of the Core-Plus Mathematics Project's (CPMP) four year integrated math program. Course focuses on topics that will prepare students for Calculus. Main topics covered include vector models, logarithmic and exponential functions, polynomial and rational functions, inverse functions, solving equations using symbolic manipulation, solving application problems, arithmetic and geometric sequences, trigonometric functions and establishing trig identities, the complex number system, families of functions, and conic sections.

## Statistics (AP)

**Grade:** 11, 12      **Length:** Year  
**Prerequisite:** Algebra 1, Geometry, Algebra 2

**Description:** AP Statistics is a college level Statistics class. Students can earn 1 semester of college credit by showing proficiency on the AP Statistics exam. Topics include measures of center and variation, normal distribution, and statistical analysis of real data. This course is designed to the specific requirements of the college board and uses approved materials and textbook to ensure students are able to earn college credit.

# Science

## Anatomy & Physiology

**Grade:** 10, 11, 12      **Length:** Semester  
**Prerequisites:** Biology

**Description:** Human Anatomy and Physiology is a course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body and major body systems. Students will engage in many topics and competencies related to understanding the structure and function of the human body. Students will learn through reading, video lessons, case studies, collaborative group work, and labs. One of the goals of this course is to prepare students with the skills necessary to be successful in future science classes in college and medical fields.

## Biology

**Grade:** 9      **Length:** Year

**Description:** This full year course will be aligned with the state grade level content expectations and the Michigan Merit Exam and includes additional content standards not covered on the Michigan Merit Exam.

## Biology (AP)

**Grade:** 11, 12      **Length:** Year  
**Prerequisites:** Biology, Chemistry

**Description:** Biology (AP) is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore

the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The Biology (AP) course is equivalent to a two-semester college introductory biology course for biology majors.

## Chemistry

**Grade:** 9, 10, 11, 12      **Length:** Year

**Description:** This is an introductory class that focuses on the basic principles that drive all life systems. The class investigates the principles of chemistry and how they apply to the real world. Students will develop the knowledge and skills relevant to the study of chemistry. These will be of use in everyday life and will form a basis for more advanced study, such as AP Chemistry. There is a strong focus on experimental work to enrich the concepts covered and to teach essential laboratory skills. Concepts include: Measurement and Experimental Techniques, Nature of Matter, The Periodic Table, Atoms, Elements and Compounds, Metals, Chemical Reactions, Electricity and Chemistry, Acids, Bases and Salts, Introduction to Organic Chemistry and Environmental Chemistry.

## Chemistry (AP)

**Grade:** 11 and 12      **Length:** Year      **Prerequisites:** Chemistry I

**Description:** The purpose of Advanced Placement Chemistry is to provide a college level course in chemistry and to prepare the student to seek credit and/or appropriate placement in college chemistry courses. A minimum of 25 percent of instructional time is dedicated to the lab activities. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis will be placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. Topics include: Reactions in Aqueous Solution, Electronic Structure and Periodic Properties, Chemical Bonding and Molecular Geometry, Gases and Thermochemistry, Liquids, Solids, and Solutions, Chemical Kinetics, Chemical Equilibrium and Aspects of Aqueous Equilibria, Acid-Base Equilibria, Chemical Thermodynamics, Electrochemistry, and Organic Chemistry. Students who wish to take AP Chemistry are expected to spend at least five hours a week studying outside of class, attend study sessions after school, and complete summer course work prior to the start of the course.

## Chemistry (Honors)

**Grade:** 9, 10, 11, 12      **Length:** Year

**Description:** Honors Chemistry is a course that continues the exploration of matter and energy beyond the coursework in General Chemistry. Students need to have completed a general chemistry course and be proficient in understanding the gas laws, bonding, naming compounds, basic atomic, ionic and molecular structure, chemical reactions and have skills in graphical analysis and basic lab reporting. Main topics include further investigation of the structure of the atom, stoichiometry, thermal equilibrium, chemical kinetics, entropy, chemical equilibrium, and acid base equilibrium. In addition, there will be some introductory investigation of particle physics and organic chemistry. This course will prepare those students seeking to earn AP Chemistry Credit.

## Environmental Science (AP)

**Grade:** 11, 12    **Length:** Year    **Prerequisites:** Biology

**Description:** Students will cover the following topics: Earth and Science Resources, The Living World, Population, Land and Water Use, Energy Resources and Consumption, Pollution and Global Change.

## Forensic Science

**Grade:** 10, 11, 12    **Length:** Semester    **Prerequisites:** Biology

**Description:** Learn forensic science skills such as observing a crime scene and collecting evidence, fingerprint collection and analysis, blood identification, solving a crime based on DNA evidence and analyzing data collection from crime scenes through the use of basic chemistry.

## Physics

**Grade:** 10, 11, 12    **Length:** Year    **Prerequisites:** Algebra I

**Description:** This course covers 1D kinematics; constant velocity and accelerated motion, creating and interpreting motion graphs, and objects in free fall. The course covers 1D dynamics, including Newton's Laws, types of forces, and force diagrams. The course also includes exploring the concepts of work power, momentum, as well as types and transfers of energy, including thermal energy.

## Plants & Bacteria

**Grade:** 10, 11, 12    **Length:** Semester  
**Prerequisites:** Biology

**Description:** Students will study the structure and function of plants, and the structure, function and importance of bacteria. Students will carry out transformation of bacteria with recombinant DNA (make glowing bacteria) and DNA fingerprinting (electrophoresis).

## Zoology

**Grade:** 10, 11, 12    **Length:** Semester  
**Prerequisites:** Biology

**Description:** This course provides students with an opportunity to study organisms in the animal kingdom. Students will do a survey of the major phyla and classes in the animal kingdom and study animal population dynamics, animal behavior and careers that involve working with animals.

# Social Studies

## American Studies

**Grades:** 11, 12    **Length:** Year  
**Prerequisites:** Civics, Economics, World History

**Description:** This course examines the history and development of the United States from the founding of the

nation to contemporary American society. The course content is accompanied by the practical application of study required for historians. Therefore, the students are expected to analyze and evaluate numerous forms of data and other information relevant to United States History. These activities include the analysis of primary and secondary source materials, current events, tables, charts, graphs and visual aids.

## Civics

**Grade:** 9    **Length:** Semester

**Description:** Civics is a broad overview course designed to give our students a fundamental knowledge of the United States government, the politics of our government, and how to participate in the process. Topics include the foundations of American government, the Constitution, Congress, the presidency, American law, civil liberties and the basics of American citizenship/civic responsibility.

## Economics

**Grade:** 9    **Length:** Semester

**Description:** This course will examine the various components that collectively define the American economy and its role in the world. Primary topics include: market vs. command economics, capitalism in comparison with socialism, the concept of primary wealth vs. currency, supply and demand, the business cycle, government fiscal and monetary policies, personal economics (budgeting, banks, investing, career skills, participating in the marketplace) and global economics.

## United States History (AP)

**Grades:** 11, 12    **Length:** Year  
**Prerequisites:** Economics, Civics, World History

**Description:** The purpose of Advanced Placement U.S. History is to prepare students for success in four primary endeavors: the rigors of a college education, and the Advanced Placement U.S. History Exam (May). This class IS considered an introductory college survey course, based on curriculum requirements developed and approved by the A.P. College Board. Students will have to challenge themselves more intellectually and be more disciplined in practice than in standard high school coursework. While the design of the curriculum is left to the preferences of individual instructors, curriculum expectations are not. This curriculum, therefore, includes aspects from as far back as pre-Columbian history, all the way to the history that continues to happen before our eyes in contemporary times.

## World History

**Grades:** 10, 11, 12    **Length:** Year  
**Prerequisites:** Civics/Economics

**Description:** World History examines our past from the beginning of man to the dawn of the present through a series of themes that demonstrate the impact of these eras on the contemporary world. Major themes of World History include: the survival and settlement of the first humans, the evolution of civilization and empire in our world, scientific, technological

and industrial development, global colonization, origins of the 5 major world religions and cultural legacies in art, architecture, education, government and economics, World War II, Century global conflicts, dictatorships and rebellion against them, science, technology, economics and an analysis of where our world will be in the future.

## Visual, Performing and Applied Arts

### Advanced Art

**Grades:** 10, 11, 12 **Length:** Semester

**Prerequisites:** Completion of two of the following Art classes: Drawing & Painting, 2D Design, 3D Design, Jewelry.

**Description:** This class is intended for high school sophomores, juniors and seniors highly motivated and committed to serious and independent study in Art. Students have the ability to work in a variety of mediums such as: drawing, painting, sculpture, fiber design, ceramics, and jewelry. Students will develop and add to their art portfolios, enter art shows and art competitions, and learn major concepts of art history. Emphasis will be placed on individual development, originality, problem solving and involvement in the art creation process. Throughout the course, students will learn, use, understand and be able to explain how they incorporated the Elements of Art and Principles of Design.

### Art History

**Grades:** 11,12

**Length:** Semester

**Description:** Art History I is a semester long online art survey class taken through Glen Lake High School. In this class, we will study major works of art from Prehistoric times through the Renaissance. This class is designed as a self-paced with reading, writing and research assignments related to the art and period being studied. The study of these art periods and styles will give students the knowledge of distant and current cultures. Students will learn, use, understand and be able to explain how the Elements of Art and Principles of Design are incorporated into each piece of art.

### Digital Photography

**Grades:** 9, 10, 11, 12

**Length:** Semester

**Description:** This course is designed for students interested in learning the fundamentals of digital photography and digital graphics. Students will learn the fundamentals of digital photography, composition, digital editing, and the history of photography. This course is a mixture of photography, technical instruction, and discussion of student work. Digital cameras are valuable for student use while enrolled in this class.

### Drawing & Painting

**Grades:** 9, 10, 11, 12

**Length:** Semester

**Description:** In this class, students will learn a variety of techniques and approaches to drawing and painting. A wide range of drawing and painting techniques and media will be explored, including pencil, ink, charcoal, pastel, watercolor, tempera and acrylic paint. Students will be expected to develop technical skills along with their own unique style of drawing and painting. Composition, Elements of Art, and the Principles of Design, will be emphasized along with the study of the history and the vocabulary of Art.

### Jewelry

**Grades:** 9, 10, 11, 12

**Length:** Semester

**Description:** In this course, students will learn how to fuse glass, solder, and construct jewelry and pieces of art out of a variety of metals and materials. Students will learn basic techniques, concepts and design of metalsmithing, such as cutting, sawing, soldering and filing. Students will use various techniques of construction to create a range of projects including: necklaces, earrings, pins and rings. All projects incorporate the Elements of Art and Principles of Design and place an emphasis on craftsmanship and personal expression. Students may supply optional material.

### North by Northwest

**Grades:** 9, 10, 11, 12

**Length:** Year

**Description:** A comprehensive course covering a performance based exploration of a variety of genres and styles including classical, popular, jazz, and contemporary. Students are encouraged to explore their musical voice through a variety of solo and ensemble opportunities. North By Northwest performs frequently and provides students the opportunity to build confidence and express themselves through the musical art form. **Out of Class Requirements:** Attendance at scheduled concerts, festivals, field trips. Students are responsible for the care and maintenance of school owned instruments, uniforms or music/supplies. Assigned homework may vary with performance season.

### Food & Nutrition I

**Grade:** 9, 10, 11, 12

**Length:** Semester

**Description:** Foods 1 introduces basic cooking techniques, in addition to knife skills, safety and sanitation, and promoting healthy food choices. This hands-on class teaches all aspects of food in addition to cooking: buying, storing, dietary guidelines, sustainable farming, cookware, cutlery, food groups, garnishing, and the historical significance of cooking and eating different foods to our human evolution. Students cook with partners 2-3 times a week and are responsible for all the cooking and clean up in their kitchen stations. We cook wholesome nutritious food from all food groups and provide students with quality ingredients from local sources. They get to eat the food they cook if time allows or pack it up to go if short on time.

## Food & Nutrition II

**Grade:** 9, 10, 11, 12 **Length:** Semester  
**Prerequisites:** Foods I

**Description:** Foods 2 builds on the foundational skills students learn in Foods 1 and takes on more complicated cooking techniques, recipes, and projects. We continue our exploration of food from around the world and preparing wholesome, nutritious food with the best ingredients we can find. Foods 2 students will also learn how to budget, shop, and plan for multicourse meals. Good nutrition and healthy food choices are emphasized as we learn more about nutrition and giving our bodies and brains the fuel it needs for us to be our best. Students cook with partners 2-3 times a week and are responsible for all the cooking and clean up in their kitchen stations. We will prepare seasonal dishes using fresh ingredients when available and expand our culinary skills and tastes by experimenting with different flavor profiles, herbs, and spices.

## Photoshop

**Grades:** 9, 10, 11, 12 **Length:** Semester

**Description:** Photoshop is the leading software program for image editing. This class explores the commercial and graphic aspects of Art. Photoshop is a graphics editing program developed and published by Adobe Systems. It is the current and primary market leader for commercial bitmap and image manipulation. Students will learn how to perform different image processing techniques using Adobe Photoshop. Through project work and assignments, students will learn how to use several tools for selecting parts of images, retouching, layers, and special filters.

## Screen Design

**Grades:** 11, 12 **Length:** Semester  
**Prerequisites:** 2D Design

**Description:** Screen printing is an exciting technique used to transfer original art onto paper, canvas, apparel, or accessories. From implementing digital technology to create and manipulate images for screen printing, students will learn the process from design to printing transparencies, coating & burning screens to utilizing the press to create finished products. This is a hands-on learning process in a studio environment. In addition to learning how to screen print, this class will help students increase their creative thinking, expand their ability to solve complex and abstract problems, and improve their attention to detail. It will force the student's ability to plan, hypothesize and experiment. Students will learn to use the new screen printing and heat press design equipment. Next steps to this Screen Design class will lead to a school store and future partnerships.

## Band

**Grades:** 9, 10, 11, 12 **Length:** Year

**Description:** Band provides students an opportunity to learn to play a standard wind/percussion instrument, or continue developing skills on one they have already started to play. Brass, woodwind and percussion instruments can be easily

procured via local instrument rental programs, and the school has an inventory of instruments for students to use if needed. The band participates in 2-3 concerts per year and a local Solo & Ensemble Festival held at Traverse City West Middle School. Students play a variety of music, from standard band marches, overtures and classical compositions to more modern jazz, rock and popular selections. Students are expected to participate fully in all rehearsals and performances and are challenged to become proficient on their chosen instrument and contribute positively to the band organization.

## Theater

**Grades:** 9, 10, 11, 12 **Length:** Semester

**Description:** This is a semester course that will focus on discovering your inner creative voice and learning how to speak through visual and performance art. Learn how you interpret information and how to use it to create uniquely. In the end you will know how to stretch your and others' imagination. You will learn theatrical techniques and genres of theater. You will also build a personal visual performance piece through a choice modality/medium. You will improve each day through reflection and analysis.

## 2-D Design

**Grades:** 9, 10, 11, 12 **Length:** Semester

**Description:** This class focuses on different types and styles of two-dimensional design projects, such as drawing, painting, collage, scratch art, graphic design, mono printmaking, and silk screening. Students will also study art history, criticism and aesthetics with special attention placed on problem solving, design, and creative and critical thinking. Students will learn, use, understand, and be able to explain how they incorporated the Elements of Art and Principles of Design into their art work.

## 3-D Design

**Grades:** 9, 10, 11, 12 **Length:** Semester

**Description:** The first nine weeks of this class will concentrate on ceramics and clay construction. The second half of the class, we will explore a variety of three-dimensional art mediums. This will include materials such as: plaster, paper maché, fabric, and wire. The ceramics unit will emphasize hand building methods as well as an introduction to the pottery wheel. Quality craftsmanship and design will be stressed along with creative involvement. Throughout the course, students will learn, use, understand, and be able to explain how they incorporated the Elements of Art and Principles of Design into their artwork.

# World Language

## Spanish I

**Grade:** 8-12 **Length:** Year

**Description:** Students will learn basic vocabulary necessary to carry on a simple conversation in Spanish. They will learn grammatical concepts and use them with Spanish vocabulary.

There is also an introduction to elements of culture found in Spanish speaking countries.

## **Spanish II**

**Grade:** 9-12      **Length:** Year      **Prerequisites:** Spanish I

**Description:** Students will continue to learn vocabulary and more grammatical concepts and patterns. They will improve listening, reading, writing and conversational skills. Emphasis in grammar during Spanish II is placed on past tense verb forms. There is also more learning of culture found in Spanish speaking countries.

## **Spanish III**

**Grade Level:** 11 and 12      **Course Length:** Year  
**Prerequisites:** Spanish I, Spanish II passing with at least a "C"

**Description:** Students will continue to learn vocabulary and develop more advanced grammar skills. Emphasis is being placed on conversational skills and natural learning of language using the skills already developed. Students will be writing short compositions and engaging in critical discussions, largely based on important current events, books and cultural discussions. They'll apply previously learned and newly presented material. Students be exposed to large amounts of "native speed and style" Spanish.

## **Spanish IV**

**Grade:** 11 and 12      **Length:** Year  
**Prerequisites:** Spanish I, II, III, teacher recommendation

**Description:** Students will continue to learn vocabulary and develop advanced grammar skills. However, grammar and vocabulary are not principal subjects. Outstanding questions will be resolved, but emphasis will be placed on conversational and compositional skills. A greater emphasis will be using the target language in class. Students will write and defend critical compositions, continuing to read both short novels and articles from Spanish sources and listening to further native Spanish speech.

## **Spanish (AP)**

**Grade:** 11 or 12      **Length:** Year  
**Prerequisites:** Spanish Teacher Recommendation

**Description:** Students will continue to learn vocabulary and develop advanced grammar skills. However, grammar and vocabulary are not principal subjects. Outstanding questions will be resolved, but emphasis will be placed on conversational and compositional skills. All speaking in class will be in Spanish. Students will write and defend critical compositions, continuing to read both abridged and unabridged literary pieces and articles from authentic Spanish sources and listening to further native Spanish speech.

# Appendix

## Dual Enrollment Qualifications

### *Information from the Postsecondary Enrollment Options Act 160 of 1996 (excerpts)*

Effective April 1, 1996, Public Act 160 created the Postsecondary Enrollment Options Act, commonly referred to as dual enrollment. 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 grade 10 (second semester), 11 or 12.
2. Students can qualify for dual enrollment by taking one of the following assessments: PSAT, ACTPLAN, ACT, or MME. See scores below. Additionally, according to P.A. 160, eligible students may take courses for which there are no endorsements, such as computer science, foreign language, history, political science, or psychology, as long as they have taken all sections of the MME, ACTPLAN, ACE or College Board PSAT. State endorsement is not required in any specific area for this participation.
3. NMC only accepts the ACT, SAT qualifying scores or a minimum of a 3.3 GPA for a minimum three semesters in high school. They do not accept PSAT, PLAN or MME scores.
4. 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.**
5. The district must not offer an equivalent college course. An exception to this could occur if it is determined that scheduling conflict exists which interferes with a student's ability to graduate on time with all graduation requirements met which is beyond the school's or student's control.
6. The college courses cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education. The school reserves the decision to deny classes for which equivalent courses are offered.
7. School districts are required to pay the lesser of:
  - The actual charge for tuition, mandatory course fees, materials fees, and registration fees; or
  - That state portion of the students' foundation allowance, adjusted to the proportion of the school year they attend the postsecondary institution (GL is an out-of-formula district, so this does not apply.)
8. Postsecondary courses may be taken for high school credit, postsecondary credit, or both. NMC grades will be calculated into the high school GPA. **If a student prefers to take a course CR/NC, they must fill out the official paper request BEFORE the end of the first week of NMC classes.** When more than one course is being taken, a student may make different credit designations for each course.

9. Eligible courses paid for under the Postsecondary Enrollment Options Act may not be audited by the student.
10. School districts shall grant academic credit and count that credit toward graduation and subject area requirements of the school district when applicable and when a student has designated a dual enrollment course was taken for high school credit or both high school credit and postsecondary credit. School districts may determine how much high school credit shall be awarded for a course, and how that credit will be applied to a student's transcript (letter grade, pass/fail, etc.).

Dual-enrollment can be an excellent opportunity for your child, but it comes with costs. Tuition runs between \$215 and \$290 per credit hour, depending on the area of study. With the cost of books and other associated fees, the cost of taking two classes at NMC in a semester can often approach \$2,000.

In addition to financial costs, there are other potential associated risks. The grades a student earns in a course will remain on their NMC transcript even after their graduation from high school. For some career paths, these early prerequisites are used to determine their acceptance or continuation within a course of study.

Please see the questions and answers below to find out about dual enrollment, and whether it's right for your student.

## **Questions & Answers**

### ***What is the process for requesting a dual enrollment class?***

1. Student meets with counselor to discuss eligibility, graduation requirements, and post-secondary planning
2. Counselor submits all requests to principal for approval
3. Only after student receives letter signed by principal indicating eligibility to dual enroll. Student enrolls in eligible course(s) with postsecondary institution. Course not approved by principal prior to enrollment **will not be paid for by Glen Lake. Student must decide upon registration whether class will be taken for high school, college credit, or both.**
4. Following drop date of course(s), postsecondary institution bills school district (State of Michigan billed directly for nonpublic school students).
5. School district (for nonpublic school students – State of Michigan) pays eligible charges (up to per course maximum), student responsible for any remainder.

### ***Is my student ready to dual enroll & take classes at NMC?***

While every student is different, college placement tests (e.g., Accuplacer, CLEP, and/or SAT) are one important indication of a pupil's readiness to take credit-bearing, entry-level post-secondary courses without remediation. The State of Michigan recommends that students have a SAT score of at least 1000 (500 for Math, 500 for Reading & Writing - NMC requires higher for classes that we will pay for). NMC indicates that the profile of a student that will likely be successful in dual enrollment will have a cumulative GPA of 3.3 achieved after 3 semesters of high school for English placement. High school students can take the Accuplacer Test at NMC or at CTC if they are enrolled there, which will help to determine their readiness for college-level Math courses. Scores from any assessment are one indicator, not the sole indicator of whether or not a pupil is prepared for a dual-enrollment experience.

### ***Will Glen Lake notify me throughout the semester to let me know how my student is doing at NMC?***

No. While we watch students' grades at Glen Lake, and teachers or the school communicates when a student is struggling, we do not have this ability when students are off-site. Glen Lake receives progress reports from NMC only at the midterm of the semester, and only if the student is achieving a grade of C- or below. We recommend that parents work with their student and NMC to gain access to student's NMC self-service account.

### ***What does Glen Lake pay for?***

Glen Lake will pay for student's tuition and mandatory course fees, including technology fees, materials fees (including textbooks), and registration fees. A dual enrolled student will rent textbooks. Glen Lake will not pay for materials if rental option is available. If no rental materials are available, the student will check with the Glen Lake media center for availability of class materials before purchasing independently. Materials purchased by the student without checking first with our media center will not be reimbursed. Students will have 30 days from the start date of the class to turn in receipts to the school. *This includes digital course materials (ebooks and Moodle resources).*

### ***How many college classes is my child eligible to take?***

State law sets that pupils may enroll in no more than 10 college courses over their high school career and 10 credits per semester. Early College students may enroll in 12 credits per semester. Glen Lake's policy is:

- 10th grade – not more than one course in the second semester of 10th grade,
- 11th and 12th grades - not more than four courses per year (two per semester) in 11th and 12th grades

***Are there any limitations regarding which courses a student may take at a postsecondary institution?***

If the district offers college-level equivalent courses (AP), these courses have precedence over an entry-level postsecondary course with similar content. This is the policy of Glen Lake and area schools, the understanding of NMC, and the recommendation of the state of Michigan. In addition, courses that are a hobby, craft, recreational or a course that is in the areas of physical education, theology, divinity, or religious education, are not eligible for tuition support. Eligible classes include courses not offered by Glen Lake which support a student's post-secondary EDP, courses not available to students because of a scheduling conflict beyond the student's control, or a course offered by a postsecondary institution that is offered for a certificate, degree or program completion requirements, or is part of a noncredit occupational training program leading to an industry-recognized credential.

***What if a student fails to complete a class or receives a failing grade?***

For a student who enrolls in an eligible course, if the student does not complete and pass the eligible course as determined by the postsecondary institution, the eligible student shall repay to the school district any funds that were expended by the school district and be required to reapply for eligibility after successful completion of Glen Lake courses.

***What happens if I can't pay the cost of the course back to the school?***

If the eligible student does not repay this money, the student will forfeit the right to take any future dual enrollment courses paid for by Glen Lake. This subdivision does not apply to an eligible student who does not complete the course due to a family or medical emergency, as determined by the eligible postsecondary institution.

***What do I do with textbooks after the course is complete?***

If a school district pays for books for an eligible student for a postsecondary course, books are the property of the school district and shall be turned over to the school district after the eligible student completes the course.

### Minimum Dual Enrollment Qualifying Scores 2018-19 & 2019-20

<b>Assessment</b>	<b>Test Section</b>	<b>Content Area</b>	<b>Minimum Dual Enrollment Qualifying Score</b>
EXPLORE	Mathematics	Mathematics	17
	Reading	Reading	15
	Science	Science	20
	English	English	13
PLAN	Mathematics	Mathematics	19
	Reading	Reading	17
	Science	Science	21
	English	English	15
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
PSAT 8/9	Critical Reading	Evidence-Based Reading and Writing	460
	Mathematics	Mathematics	510
PSAT 10	Critical Reading	Evidence-Based Reading and Writing	460
	Mathematics	Mathematics	510
PSAT/NMSQT 11	Critical Reading	Evidence-Based Reading and Writing	460
	Mathematics	Mathematics	510
SAT	Critical Reading	Evidence-Based Reading and Writing	480
	Mathematics	Mathematics	530
ACCUPLACER**	Reading Comprehension	Reading	Check with IHE
	Sentence Skills	Writing	Check with IHE
	Mathematics	Mathematics	Check with IHE

\* MME scores are based on the Spring 2018 administration of the M-STEP exams

\*\*There are no state approved scores for Accuplacer. Accuplacer qualifying scores are typically specific to an Institution of Higher Education (IHE). In cases where Accuplacer scores will be used, it is best to contact the IHE to see what scores they accept.

# Virtual Online Courses

Dear Parent/Guardian of an online learner:

If a Glen Lake student enrolls in at least one virtual class, the State of Michigan Department of Education requires a parent/guardian signature.

I am the online mentor for our Michigan Virtual (MV) and Edgenuity online learners. As a mentor, I track grade progress, facilitate communication with online instructors, and assist with common problems. Students with technical issues should contact the tech department in the media center. Grades for online classes are based on percent completion (undone assignments may be marked 0 zero and count against final grade) and the class is self-paced. We will not enter grades into PowerSchool until the end of the semester. Parents and students should stay on pace to ensure they have ample time to finish the course. **Please make sure your student knows their end date and other important information.**

Students have a grace period of 10 days to drop an online class without repercussions. If, after this grace period, a student fails to achieve a passing grade at the end of the class, or drops the class, the family will be charged with the full price of the class (typically \$225.00). The work completion threshold is set at 80% and the passing grade 60%. Completing less than 80% of the assigned work and/or achieving less than a 60% average grade will result in a grade of failing. Students may choose to audit 1 class. This option may apply to 1 class 1 time and results in a Pass/Fail grade in lieu of a letter grade and will not be factored into GPA. An audit application must be completed not later than the end of the grace period. Online classes do not necessarily observe snow days and other holidays.

For more information about online classes go to <https://michiganvirtual.org/get-started/students-parents/> to access the **Parent Guide to Online Learning** that includes a rubric to gauge readiness for online learning. As parents/guardians, you can also access their online class, grade book, and monitor their progress. You can create your own account to view assignment details, scores, pacing guide, checkpoints, and a communication log with the instructor. Mrs. Skipski also monitors our online learners placed in the media center. She helps students with pacing, monitors their grades and progress, reminds them of deadlines, and assists them with issues that arise. Let me know if you have any questions or concerns about whether or not online classes are right for your student.

Please return this form to the Counseling Office. Electronic copies are acceptable. Thank you for your prompt response in meeting this signature requirement.

Sincerely,  
Matt Peschel  
HS Counselor, Online Mentor

## Parent/Guardian Permission

I, \_\_\_\_\_, parent/guardian of \_\_\_\_\_,  
Print parent/guardian name Print student's name

give permission for my student to take an online class at Glen Lake High School.

\_\_\_\_\_  
Parent/guardian signature

\_\_\_\_\_  
Date



## Information Regarding Advanced Placement (AP) Participation and Process at Glen Lake

AP classes are an opportunity to experience college level rigor and potential college credit. Glen Lake follows the recommendation and guidance of The College Board and the position supported by college admissions officers that successful performance in an AP class requires foundational knowledge. Glen Lake administration and staff support the requirement of prerequisite courses for a positive experience in advanced courses. The Glen Lake AP philosophy promotes high standards and equity in access. Students will experience advanced challenge and additional support as they develop deep critical thinking skills.

### Information

**Required prerequisites** - Consult Course Guide

**Grade level recommendation** - Juniors and Seniors, see "Exceptions"

**Workload in hours** - You could expect approximately 1 hour of homework per day, per class. This will vary by class and by unit. Reading requirements for every AP class exceed those of average classes.

**Final test** - The final test is a valuable experience - it is required and paid for by Glen Lake School. There are so many big tests in your future, perhaps an entrance exam, LSAT, PCAT, MCAT, etc. Whether you get the credit or not, the test is a meaningful experience. The purpose of the test is to determine if you have enough knowledge to be successful in the next level course when you enter college. It is important to keep in mind that the score on the test is the result of one assessment on one day and is not always an indication of the true level of content knowledge.

**Purpose** - The purpose of the course is to have a college level experience. This will include informational reading, written communication and analysis, individual investigations, note taking experiences, and labs, all conducted at a rigorous and challenging pace. You will be expected to prioritize, exercise quality time management, and collaborate with peers in and outside of the classroom to complete assignments.

**Grading** - The grade you earn from College Board on your final test may look very different from the grade you earn on your Glen Lake transcript. It is important to keep in mind that AP assessments will be graded according to AP criteria, and will be a part of your classroom experience. Class assignments and formative assessments will be graded according to traditional criteria and is Glen Laker teacher led. Your Glen Lake grade reflects a compilation of many assessments and performance opportunities.

**Exceptions** - For those students requesting to take more than two AP classes, an AP class as a 10th grader, or other exceptions, a meeting will be required. Students, guardians, teachers, and administration will meet together to discuss the expectations, responsibilities, and workload of the desired courses.

# Sample Student Schedules

Use these examples as guides when creating your high school course planning document.

	Education	Environment	HVAC	Mechanical Engineer
<b>9th</b>	ELA 9 (or Honors) Algebra I Biology Economics/Civics Elective (Band, Woodshop, Art, other) PE/Health	ELA 9 (or Honors) Algebra I Biology Economics/Civics Elective (Band, Woodshop, Art, other) PE/Health	ELA 9 (or Honors) Algebra I Biology Economics/Civics Elective (Band, Woodshop, Art, other) PE/Health	ELA 9 (or Honors) Geometry *8th Grade Algebra I Biology Economics/Civics PE/Health World Language 1
<b>10th</b>	ELA 10 (or Honors) Geometry Chemistry World History World Language 1 VPAA	ELA 10 (or Honors) Geometry Chemistry World History World Language 1 VPAA	ELA 10 (or Honors) Geometry Chemistry World History World Language 1 VPAA	ELA 10 (or Honors) Algebra II Chemistry World History World Language 2 VPAA
<b>11th</b>	CTC Early Childhood Education Physics American History Algebra II  Physics American History ELA 11/AP Lang Algebra II World Language 2 CTC Teacher Academy	ELA 11/AP Lang Physics American History Algebra II World Language 2 Online Public Policy	CTC Electrical Occupations Physics American History Algebra II	CTC MTA (advanced math and science options including dual enrollment) American History World Language 3
<b>12th</b>	CTC Early Childhood Education AP Psych Elective (Poetry, Sociology, other) Internship or CTC Teacher Academy x2 periods AP Psych Elective (Poetry, Sociology, other) PreCalc Online Child Development	ELA 12/AP Lit AP Environmental Science Science Elective (Advanced Bio, Plants/Bacteria, other) Psych/Soc PreCalc AP Government	CTC Electrical Occupations Elective (Accounting, Sociology, other) PreCalc Internship	CTC MTA (advanced math and science options including dual enrollment) Internship or online

## Highly Competitive Admission College/University:

Glen Lake recommends taking 4+ cr ELA, 4+ cr Math, 4 cr Social Studies, 4 Science, AP level classes, advanced World Language

# Glen Lake Four Year Course Planner

Course Name	Credits Require	Grade 9	Credit	Grade 10	Credit	Grade 11	Credit	Grade 12	Credit	Total Credit
<b>Core Subjects</b>										
Language Arts	4									
Mathematics	4									
Social Studies	3									
Science	3									
Foreign Language	2									
Visual, Performing and	1									
Physical Education	0.5									
Health	0.5									
<b>Elective (3 Credits Required)</b>										
<b>Credit Totals</b>	<b>21</b>									