

Tecumseh High School

CURRICULUM PLANNING GUIDE

2017-18



Tecumseh Public Schools Mission Statement:

We are uncompromisingly learner centered.

Tecumseh Public Schools Vision Statement:

We are a dynamic learning community taking BOLD steps to ensure all learners are inspired and empowered for life.

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**The More You Learn,
The More You'll Earn**

Expected *Lifetime* Earnings:

Professional Degree - \$4.4 million
 Doctoral Degree - \$3.4 million
 Master's Degree - \$2.5 million
 Bachelor's Degree - \$2.1 million
 Associate's Degree - \$1.6 million
 Some College - \$1.5 million
 High School Diploma - \$1.2 million
 Non-Graduate - \$1.0 million

Tecumseh Public Schools
 760 Brown Street
 Tecumseh, MI 49286

Dr. Kelly Coffin....Superintendent
 Mr. Joel Bills.....Technology Director

High School Leadership

Mr. Griff Mills.....Principal
 TBD.....Asst. Principal
 Mr. Jon Zajac....Athletic Director

Counselors

Mrs. Deborah Followell...students A-L
 Mrs. Megan Coons.....students M-Z
 Mrs. Jennifer Morgan.....TVA students

Tecumseh High School

760 Brown Street Tecumseh MI 49286-1399

Mr. Griff Mills, Principal
TBD, Assistant Principal
Mr. Jon Zajac, Athletic Director

Spring 2017

Dear Students and Parents,

Welcome to Tecumseh High School—home of the Indians. Throughout your high school experience, you will have the unique opportunity to shape the direction of your future and the future of this school. It will be your responsibility to establish all the new traditions that will make the high school years memorable for yourselves and for generations to come. Many exciting experiences await you—both curricular and extracurricular. We will be offering a variety of required and elective classes, as well as encouraging all students to become involved in our extracurricular programs.

As you consider your courses, I encourage you to work with your teachers, parents and our counselors. Your choices should be made with great care because the high school experience is the foundation for future accomplishments, career direction and lifelong learning.

Tecumseh High School has been educationally designed around the Michigan Career Pathways model. Career Pathways organizes a wide range of careers and educational options into six broad categories. Students will have the opportunity throughout their high school career to identify their interests, aptitudes and goals and then identify themselves with one or more of the Career Pathways. Students will always have the flexibility to move from one Pathway to another, as new interests and goals emerge.

As you select next year's elective courses, please use the Career Pathways section as your guide.

Tecumseh High School is committed to preparing our students for a successful future. When we all work together in the planning process, everyone—students, parents, school and community will benefit. Once again, welcome to our high school.

Sincerely,

Griff E. Mills
Principal

About Tecumseh High School

Our Building

Tecumseh High School is the newest building in the district. THS opened on August 26, 2001. The school's design is based on a compact, clearly-organized floor plan that encourages student and faculty interaction, flexibility and future expansion options. A wide central corridor connects three two-story classroom modules to the support spaces that include the administrative and counseling offices, media center, cafeteria (seating capacity of 800), gymnasium (seating capacity of 2,000), fitness center, performing arts, applied technology and art studios. The school covers approximately 212,000 square feet with an optimal capacity of 1,100 students.

Our Faculty

Tecumseh High School is staffed by a core of experienced teachers working in concert with new educators. Over 70 percent of our teaching staff members currently hold a Master's Degree with several more working toward their completion. Our teachers are dedicated to student success and are eager to implement new teaching and learning strategies that will support the curricular objectives of the Michigan Merit Curriculum and the Common Core State Standards.

Our Curriculum

Like all public high schools in Michigan, THS follows the state-mandated Michigan Merit Curriculum (MMC). The MMC sets minimum standards for approximately 18 credits of high school coursework in seven subject areas. Within those requirements, Tecumseh High School students will earn credits and gain skills to meet college and career entrance requirements, and seize opportunities to pursue their future career interests.

Our School

Tecumseh High School distinguishes itself from other high schools through its curriculum expectations. You will find high standards and benchmarks, required courses and graduation requirements, grading and reporting guidelines and procedures, opportunities for extracurricular activities, and teaching and learning strategies. Staff members in our school collaborate to provide a quality education with common expectations for all students.

Our Students

Tecumseh High School, Tecumseh Virtual Academy and our Seat Time Waiver program are made up of approximately 1,000 students. The student body is made up of students who excel in many areas of life during the regular academic day as well as after school.

Credits and Class Placement

High School Credit

Students have the opportunity to earn 1/2 credit per course, per semester, for a total of 3 credits each semester and 6 credits each year. Up to 24 credits may be earned in 4 years. ***The number of credits that you earn determines whether you graduate on time.**

Class Placement

Class designation is based on the number of years that a student has been in high school.

Year 1: Freshman

Year 3: Junior

Year 2: Sophomore

Year 4: Senior*

In order to assure that you are on schedule to graduate in four years with the required number credits, it is important that you monitor your progress each year so that you meet your goal. The following table shows important minimum credit levels, which you must reach in order to remain on track. Students who earn less than the minimum number of credits must register for additional credits outside the traditional school schedule in order to catch up. These credit recovery choices often include one or both of the following: Summer School and/or transferring to Tecumseh Virtual Academy.

	Maximum	Minimum credits	# of credits for part-time	# of credits for full-time
Freshman	6	5	3.5 to 5	3.0 or fewer
Sophomore	12	11	9 to 11	8.5 or fewer
Junior	18	17	15 to 17	15.5 or fewer

Class Schedules

Students are required to enroll in six (6) classes. The school day contains six class periods, plus an "Indian Hour" on Tuesdays and Thursdays. The student's lunch period is assigned according to their 4th hour teacher. Provisions for a reduced-day schedule may be made in a few exceptional cases, or for seniors who qualify to participate in college credit programs. Reduced schedules must be approved by the student's parents, counselor, and the administration.

Schedule Changes

Every effort is made to schedule students into the classes they choose. Therefore, it is expected that after selecting and enrolling in a course, students will continue in that subject for its duration. Accordingly, the wise and thoughtful selection of courses is critical. Once a semester is underway, course changes are made for educational reasons only using the following procedures:

1. Semester or full-year classes may be dropped for up to one week into the semester without penalty, but all work must be made up.
2. Students may not make their own arrangements with a teacher for changing classes, even when replacing a dropped class. **All changes must be initiated with the student's counselor.**
3. Any class dropped after the first week of a semester will result in an "F" grade for the class.

To make a schedule change request:

- **Log into your email**
- **Go to the Guidance Office Webpage**
- **Click on schedule change request link**

Enhanced Learning Opportunities

Tecumseh High School offers a variety of enhanced learning opportunities to meet the needs of our students. In general, these opportunities allow students to accelerate their learning, study unique subjects, recover credit and/or learn in the most appropriate environment. Enhanced learning is often part of the traditional school day, however, some students may be eligible to take classes after school, in the evening, at college campuses or at home.

Online Learning

The benefits of online learning include expanding the curriculum offerings beyond what many individual schools and school districts may be able to provide; offering additional opportunities to students and educators to learn new subjects and receive “on time” training; and focus on the individual learner with an “anytime, anywhere” method of delivery. These opportunities include our Tecumseh Virtual Academy which allows students to complete both required and elective courses online anywhere and anytime. This program can be utilized in high school setting or at home depending on the needs of the students. Our seat time waiver program allows students to work a flexible schedule but still have accountability.

To be successful in online classes a student must be a self-starter, with a strong sense of direction and the ability to set goals and follow through with them. A successful student can work independently, stay on task and maintain a regular schedule of logging in and keeping up with course expectations. The student must have the ability to keep up with ongoing, sometimes very demanding expectations without the constraints of a “fixed time and place” setting. The content of courses is generally as rigorous (or as difficult) as those found in a face-to-face classroom course. In some cases, courses require regular interaction with the instructor and frequently the other students in a course. The student can expect to log on daily for updates, messages and communication among participants. A course is different, not necessarily easier or harder.

These enhanced learning opportunities also present the potential “pitfall” of isolation due to the lack of personal instruction with a teacher.

Online courses have been found to be a valuable option for the following:

- College bound students in need of advanced or specialized coursework
- Students wanting to improve their skills in specific subject areas
- Homebound or other reasonable need for credit recovery to complete the graduation requirements
- Students with a high degree of self-discipline and motivation and the ability to keep up with demanding expectations

The cost for virtual courses only applies to courses completed in addition to a 6 hour schedule or during summer school.

THS students typically have one hour of their school schedule reserved for online work. Students will report to a classroom at THS for this hour and be subject to the same attendance and behavior standards as any other course.

Edgenuity E2020

Edgenuity E2020 is the primary provider of online advancement/enrichment courses that are taken through the school. These online classes range from the most simple, self-paced tutorial format to highly interactive and content-rigorous experiences. THS students will receive a letter grade for E2020 coursework.

The multimedia-rich, virtual classroom engages students in the learning process through animations, simulations, video-based presentations, online content, vocabulary development, and exploration activities that support each lesson presented by the virtual classroom teacher. Online embedded homework, evaluations, and other activities reinforce student understanding with content mastery that is measured through formative and summative assessments delivered for each class. When applicable, final exams will be completed at school.

For more information on course descriptions visit <http://www.edgenuity.com>

Michigan Virtual School

THS has partnered with Michigan Virtual School (MVS) to offer more than 150 unique online courses. MVS is one of the largest virtual schools in the U.S. and its course offerings allow THS students to take introductory and advanced (AP) classes in English, mathematics, science, social studies, foreign language, health, career exploration, life skills, art and other subjects. MVS courses are quite rigorous and require that students spend an average of 10-15 hours per week on coursework. Each online course is taught by a highly-qualified teacher with support from a THS mentor, and students are expected to interact on a regular basis with teachers, mentors and classmates.

Credit Recovery Online Classes

To reposition themselves to graduate with their class, students whose earned credits do not meet the minimums listed in the placement table (p.5) will need extra coursework. Tecumseh High School allows students to take one or two additional credit recovery online courses during each semester of the school year and during the summer. Costs and transportation are the responsibility of the students and their families. The credit recovery online classes can be taken during or after the school day in a computer lab through the GradPoint Virtual Program. This program utilizes courses aligned to Michigan State Standards in English, math, science and social studies.

Summer School

Tecumseh High School offers students the opportunity to take or retake required core academic courses. Information is usually available in Student Services in May. Guidance counselors are available to explore these options. The cost per ½ credit class is \$100.

College Courses

Students who want the collegiate experience may take up to two eligible courses per term at area community or four-year colleges. Courses selected must not be equivalent to any course offered by our school district, including online and TECH Center courses. Students interested in this opportunity must report their intent to the High School counseling department no later than the first day of the semester. If the college course will be taken during normal day school hours, the student will need to drop a class from his or her THS schedule. You must secure your principal's permission, submit an application and meet the school's requirements for admission. Students who meet the above criteria may be eligible for reimbursement of college credit tuition. Full eligibility criteria are listed at <http://www.michigan.gov/mde>.

At the time you apply to take a college course, you may elect to take the course for high school credit, college credit or both. Grades earned in college courses will not impact your GPA. See your counselor for more information. THS does not pay or award credit for campus-based summer programs designed for high school students. (Note: Students are encouraged to start planning for college courses early in high school. Seniors who have not planned in advance may find themselves ineligible for college courses based on state law governing eligibility.)

Test Out Credit

The Board of Education of the Tecumseh Public School District acknowledges that some pupils may have acquired knowledge or skills at levels that would allow them to demonstrate a reasonable degree of mastery without taking specified courses. Further, Section 1279b and 1279e of the School Code of Michigan have been amended to allow such pupils to request an opportunity to demonstrate such mastery, either through a written examination, written papers, projects, portfolios, or other comparable forms. Students interested in this opportunity should contact their counselor. It should be noted that students must pass their test with a 78.5% or better.

Early Graduation

Students may graduate early as long as they have met with their guidance counselor in addition to meeting all graduation requirements and the minimum number of total credits.

Physical Disability/Extended Illness

It is extremely important that the counselor be made aware of any condition which might interfere with the normal educational function of any student so that his/her schedule can be carefully planned or adjusted with the disability or illness taken into consideration. This information is confidential to the administration and teaching staff.

Work Permits

State Law Act #90 requires all minors who wish to work during high school have or obtain a work permit. During the school year the permits are issued at the High School Office from 7:30 AM to 3:30 PM. During the summer, work permits are issued in the Board of Education Office located at 212 N. Ottawa. Hours are 8:30 AM to 4:00 PM.

The following links are available for Tecumseh students needing a WORK PERMIT (please note one form is for students under 16 years of age and the other for 16 and older). Please fill out the student section and have the employer complete their section. Bring this form to the appropriate office to be completed.

Under 16 years of age:

http://www.michigan.gov/documents/CA-6FORM_02_16_06_2_154114_7.pdf

16 years and older:
http://www.michigan.gov/documents/CA-7Form_02_16_06_2_154115_7.pdf

Tecumseh High School Graduation Requirements

Subject Area

23 credits are required for graduation

<p>English</p>	<p>4 high school credits (1 credit each year) including: 1 cr. English 9 1 cr. English 10 1 cr. English 11 1 cr. English 12</p>
<p>Math</p>	<p>4 high school credits including: 1 cr. Algebra I (grade 8 or 9) 1 cr. Geometry (grade 9 or 10) 1 cr. Algebra II (grade 10, 11 or 12) 1 cr. 4th year (grade 12)</p>
<p>Science</p>	<p>3 high school credits including: 1 cr. Biology (grade 9) 1 cr. Chemistry (grade 10) 1 cr. Physics (grade 11)</p>
<p>Social Studies</p>	<p>3 high school credits including: 1 cr. US History (grade 9) 1 cr. World History (grade 10) 0.5 cr. Government/0.5 cr. Economics</p>
<p>Physical Ed. & Health</p>	<p>1 high school credit including: 0.5 cr. Physical Education/0.5 cr. Health</p>
<p>World Languages</p>	<p>2 high school credits in the same language Any Tech Center, Mechatronics or Art class may also count as a 2nd year of a World Language. However, most 4 year colleges prefer at least 2 years of the same language.</p>
<p>Applied, Visual & Performance Arts</p>	<p>1 high school credit of Art. Classes that can count for an Art credit include: Band, Choir, Orchestra, Guitar, Computer Graphics, Publications, PLTW I, II & III and online Art courses.</p>
<p>State Examination</p>	<p>All students must take the state approved test in their junior year as a graduation requirement</p>
<p>Online Experience</p>	<p>All students will complete an online learning experience</p>
<p>Electives</p>	<p>5 high school credits</p>
<p>EDP</p>	<p>Students must complete their EDP all 4 years of high school</p>

Standardized Testing

Standardized testing is an important tool for measuring the progress of our school and of individual students. In addition, SAT test scores are considered by nearly all post-secondary destinations for admission, course placement and scholarships.

Required Official Tests

Tecumseh High School students are required to take the state-required standardized test. Typically, this test takes place in the spring.

Go to collegeboard.org to see additional test dates for 2017-18.

Tests

Many 11th and 12th graders will opt to take the ACT or SAT one or more times. Participating in a national standardized exam prior to the Michigan mandated exam can help students practice. Participating in a national standardized exam after the exam required by the State of Michigan, can help students improve their score and enhance their post-secondary options.

Go to khanacademy.org or consult your counselor for additional information about the SAT

Go to www.actstudent.org or consult your counselor for additional information about the ACT.

Tecumseh High School counselors are also available to provide assistance with registration, administration and information for other standardized tests, including:

- SAT program (PSAT, SAT, SAT Subject Tests)
- ASVAB (Armed Services Vocational Aptitude Battery)

SENDING YOUR SAT SCORE REPORTS

Most colleges and universities prefer to receive your scores directly from the testing agency.. To send your SAT scores you must log on to collegeboard.org. Using the email provided to SAT on your answer sheet the day of testing. For more information please see your counselor.

Parchment

To send your transcript to a prospective college visit parchment.com and set up an account. If you need help please visit the Guidance Office.

Preparation for Success at the College Level

90% of students who enter high school say they want to go on to some type of college after they receive their diplomas. Yet, in four years, only half of them will make that dream come true. Of those 45%, some will finish and some will not. Why do some make it and some don't? What about you? How can you be sure you're one of the successful ones?

It's not grades, and it's not test scores. The biggest factor in who makes it to college and who succeeds are the courses you choose in high school. The more challenging courses you take, the better prepared for anything you will be. Students are better off taking challenging courses and earning C's, rather than taking easier courses and earning A's.

The Michigan Merit Curriculum and the National Collegiate Athletic Association have established standards for secondary preparation that will provide you with the background and skills you will need to meet the rigor of college courses.

Subject	Michigan Merit Curriculum	NCAA Division I Eligibility Standards (www.eligibilitycenter.org)	Notes
English	4 years	4 years	Comprehensive courses that stress reading, writing, and thinking
Mathematics	4 years	3 years	Algebra I & higher
Science	3 years	2 years	NCAA recommends 1 year of a lab course
Social Studies	3 years	2 years	World History, US History, Economics, and Government/Civics
World Languages	2 years		
Other	The MMC also requires: 1 credit of Health/PE 1 credit of Arts	1 year of an additional English, Math or Natural or Physical Science 4 years of additional courses from any area above or from World Language or non-doctrinal Religion/Philosophy courses NCAA Amateurism Certification Questionnaire ACT or SAT scores	
Total	18 credits	16 credits	

*Some Michigan universities require a specific number of high school credits in certain academic disciplines. Furthermore, a student whose background does not measure up to these recommendations will be expected to take (and pay for) remedial classes that may not count toward a degree program. For more information, go to the college's website or contact the admissions office.







**Students who intend to participate in athletics at Division I or II schools must meet these requirements for freshmen eligibility. Students should register with NCAA after completion of the junior year. To register, go to www.eligibilitycenter.org.

Using Career Pathways

"Failure to prepare is preparing to fail."~ John Wooden

A pathway is a route taken to a destination. Sometimes pathways are well defined and direct, while other times they can wander and change course. In either case, the more time you spend planning your route, the less likely you will fail. Changing your mind about your future is okay. Pathways should not be viewed as separated tracks that never join. Instead, they are more like the highways on a map, with each one connecting to every other, directly or indirectly, creating many opportunities for you to choose your own route to explore your personal interests and strengths.

Understanding a Career Pathway will help students and parents make better decisions when planning for the future. This guide contains information about classes that a student might take at Tecumseh High School to better prepare him/her for post-secondary opportunities. This information is for any student whether he/she is thinking about entering the workforce immediately after graduation, attending a technical school or community college, or pursuing a four-year or graduate degree. We encourage each student and parent to review the information in this booklet and use it as a guide to select the best career pathway to the future. Course descriptions in this guide are coded with icons for the career pathway they support. Most courses fit under more than one pathway.

 <p>Careers in arts and communications relate to the humanities and to the performing visual, literary,</p>	<p>Careers in health sciences are for people who are interested in promoting good health, treating injuries, health conditions, or controlling diseases.</p> 
 <p>Careers in business, management, marketing, and technology require attention to detail, calculating, coordinating, implementing and evaluating.</p>	<p>Careers in human services focus on helping people learn, protect themselves and others, solve problems, and attend to their personal and consumer needs, rights and responsibilities.</p> 
 <p>Careers related to technologies necessary to design, develop, install, or maintain physical systems.</p>	<p>Careers in natural resources and agriscience are for people who are interested in the environment, how things grow and develop, and in the outdoors.</p> 

PARTIAL LIST OF POSSIBLE CAREER OPTIONS

Arts & Communication

On-The-Job training/High School Diploma	Associate's Degree	Bachelor's Degree
Actor / Actress	Advertising Agent	Actor
Cartoonist	Architect	Advertising Designer
Compositor	Artist	Author
Desktop Publisher	Camera Operator	Commercial Artist
Disc Jockey	Commercial Artist	Editor
Floral Designer	Digital Assembler	Journalist
Fashion Model	Fashion Designer	Language Interpreter
Hair Stylist	Jeweler	Musical Therapist
Musician / Composer	Photographer	Scientific Illustrator
Sign Painter	Stage Technician	TV Production Director

Business, Management, Marketing & Technology

On-The-Job training/High School Diploma	Associate's Degree	Bachelor's Degree
Bank Teller	Administrative Assistant	Accountant
Bookkeeper	Bookkeeper / Auditing Clerk	Actuary
Clerical Staff	Building Manager	Administrative Secretary
Data Entry Clerk	Court Reporter	Arts Management
Food Service Worker	Estimator	Budget Analyst
Hotel Clerk	Financial Manager	Loan Officer
Insurance Agent	General Bookkeeper	Marketing / Public Relations Director
Retail Salesperson	Hotel Manager	Real Estate Manager
Small Business Owner	Travel Agent	

Engineering / Manufacturing & Industrial Technology

On-The-Job training/High School Diploma	Associate's Degree	Bachelor's Degree
Auto Body Technician	Auto Repair Technician	Architect
Carpenter	Building Construction Technician	Automotive Engineer
Climate Control Mechanic	Chemical Technician	Chemical Engineer
Custodian	Computer-Aided Designer	Computer Analyst
Drafter	Heating / Air Conditioner Worker	Computer Programmer
Machine Tool Setter	Industrial Electronics Technician	Mechanical Engineer
Security Systems Installer	Pipe Fitter	Surveyor

Health Sciences

On-The-Job training/High School Diploma	Associate's Degree	Bachelor's Degree
Admitting Clerk	Dental Lab Technician	Chemist
Clinical Assistant	Emergency Medical Technician	Chiropractor
Dental Assistant	Industrial Hygienist	Dentist / Physician
Dietary Aide	Licensed Practical Nurse	Nuclear Medical Technician
Home Health Aide	Medical Technician	Pharmacist
Medical Office Clerk	Occupational Therapy Assistant	Physical Therapist
Orderly		Veterinarian

Human Services

On-The-Job training/High School Diploma	Associate's Degree	Bachelor's Degree
Chef / Cook	Civil Service Worker	Anthropologist
Beauty Consultant	Coach	Clergy
Child Care Provider	Cosmetologist / Manager	Criminologist
Corrections Officer	Crime Laboratory Technician	Lawyer
Fire Fighter	Culinary Arts / Chef	Librarian
Fitness Consultant	Hospitality Worker	Music Therapist
Flight Attendant	Legal Assistant	Psychologist
Food Service Worker	Police Officer	Social Worker
Mental Health Aide	Security Administrator	Teacher

Natural Resources & Agriscience

On-The-Job training/High School Diploma	Associate's Degree	Bachelor's Degree
Animal Caretaker	Farm Manager	Agricultural Engineer
Farm Worker	Fish and Game Warden	Botanist
Florist	Florist	Conservation Officer
Fruit and Vegetable Farmer	Forestry Technician	Ecologist
Landscaper	Golf Course Manager	Farm Manager
Pest Controller	Horticulturist	Geologist
Recreation Worker	Landscape Design Assistant	Landscape Architect
Retail Floral Salesperson	Nursery Worker	Naturalist
Veterinary Assistant	Retail Floral Salesperson	Park Ranger

Educational Development Plan - EDP

Educational Development Plans (EDPs) help students identify career goals, list the interests and skills needed to meet those goals, and documents the experiences, education, and accomplishments needed to successfully attain them.

Beginning in 7th grade, students complete activities that relate to career awareness and exploration. Through self-assessment activities, students identify their interests and talents and consider the career possibilities in each of six career clusters or pathways. Students may have the opportunity to participate in career exploration experiences in their area of interest. For some students, these experiences confirm their career pathway selection; others may decide to reassess their interests. Throughout high school, students fine-tune their EDP allowing for changes in career goals.

Tecumseh High School, along with other local schools, uses the EDP tool at careercruising.com to facilitate career planning and course selection. [Careercruising.com](http://careercruising.com) is a comprehensive and secure tool for maintaining EDPs and exploring possible career paths. Students may print out a copy of their EDP to review at any time.

Using the Educational Development Plan (EDP)

Update your EDP at least once a year. Use it to plan classes and activities to gain information and acquire experience in careers that interest you. It also makes an excellent resource for building a portfolio or resume.

Developing a Four-Year Plan

In your EDP, you can complete a four-year plan by selecting the classes you believe will help you get the education and experience you need for your career interest. By completing a four-year plan you will be taking an important step toward planning for a career. Keep in mind this is a plan and may change as you complete different courses and get a clearer understanding of your interests and abilities. You are encouraged to discuss this plan at any time (at least annually) with your counselor, teachers, and parents. Be sure to keep a paper copy on hand – complete the plan from the back of this guide, or print a copy from careercruising.com.

Tecumseh High School

Course Description Guide

2017-18



Students should seek a teacher recommendation before enrolling in Honors and/or AP courses. If a student is uncertain of other course choices, they should discuss their options with their current teachers.

Please note: Although every possible effort is made to give students their first or second choice in electives, students will not be *guaranteed* their elective choices

Homework Guidelines: Homework is a component of most courses in high school. On average the amount of homework will vary from week to week depending on units being studied and the student's grasp of concepts. Within most course descriptions a ranking for the amount of homework is listed. This ranking is meant to be a guideline rather than a specific measure of weekly homework.

Low: 0 - 3 Hours a week

Medium: 3 - 6 Hours a week


High: Greater than 6 hours a week


ART


Course Name	Grade	Prerequisite	Course Length/Credit
Art & Design I	9,10,11,12	None	1 semester, 0.5 credit
Art & Design II	9,10,11,12	Art & Design I	1 semester, 0.5 credit
Ceramics	10,11,12	None	1 semester, 0.5 credit
Advanced Ceramics	10,11,12	Ceramics	1 semester, 0.5 credit
Drawing & Painting	10,11,12	None	1 semester, 0.5 credit
Advanced Drawing & Painting	10,11,12	Drawing & Painting	1 semester, 0.5 credit
Mixed Media	10,11,12	None	1 semester, 0.5 credit
Photography	10,11,12	None	1 semester, 0.5 credit
Advanced Photography	10,11,12	Photography	1 semester, 0.5 credit
Sculpture	10,11,12	None	1 semester, 0.5 credit
Advanced Sculpture	10,11,12	Sculpture	1 semester, 0.5 credit
AP Art	9,10,11,12	Teacher Approval	2 semesters, 1 credit


*Classes are offered on a rotational basis and may not be offered each year.


ART


Art & Design I  (Grades 9-12) **Homework: Low - Semester - Prerequisite: None.** Students will explore various art materials to develop a literacy of and an appreciation of our artistic heritage. Special attention will be placed on the principles of design and the elements of art. Out of class homework assignments are required.


Art & Design II  (Grades 9-12) **Homework: Low - Semester - Prerequisite: Art and Design I.** Students will explore various art materials to develop a literacy of and an appreciation of our artistic heritage. Special attention will be placed on the principles of design and the elements of art. Out of class homework assignments are required

Ceramics  (Grades 10-12) **Homework: Low - Semester - Prerequisite: None.** The purpose of this class is to provide students with an opportunity for expression and creativity using clay as a medium. The Ceramics I students will create personal statements using techniques and trends of contemporary ceramic artists. Various techniques of hand building will be explored and wheel throwing will be introduced. Glazed and non-glazed decoration assignments will be experienced. Weekly Internet research is required.

Advanced Ceramics  (Grades 10-12) **Homework: Low - Semester - Prerequisite: Successful completion of Ceramics.** The Advanced Ceramics class will be devoted primarily to throwing on the potter's wheel. Hand building will also be utilized to support various assignments. Students will explore techniques and styles of ceramic glaze decoration. Nontraditional techniques of firing (raku and smoke) will be experienced. Weekly Internet research is required. Participation in the spring RAKU firing is required.

Drawing & Painting  (Grades 10-12). **Homework: Low - Semester - Prerequisite: None.** This class will lead students to explore techniques for drawing landscapes, still life, and creative works through direct observation, imagination and reference to famous artists. Students will use a variety of media, including pencil, ink, colored pencils, charcoal and pastels. Out of class assignments are required to enhance the curriculum. Class critiques and student writings are an essential part of the class.

Advanced Drawing & Painting  (Grades 10-12) - **Homework: Low - Semester - Prerequisite: Successful completion of Drawing & Painting.** This class continues development of skills introduced in Drawing I. The proportions used for figure drawing and portraiture will be introduced. Color theory will also be explored. Critiques and out of class Assignments are required.

Mixed Media  (Grades 10-12) - **Homework: Low - Semester - Prerequisite: None.** This class will explore a variety of media art forms and techniques. Using a design and drawing basis, the elements of art and principles of design will be expanded. Students will build a portfolio of artwork that will showcase their talent through development of personal style. Art History as well as writing will be integrated in the projects.

Photography 1 (Grades 10-12) - Homework: Low - Semester - Prerequisite: None. Students will be introduced to the fundamentals of photographic vision, darkroom practices, and creative photographic problem solving through 35 MM black and white photography. Course content includes lecture, projects, group critiques, a basic history of the medium, and development of a basic vocabulary for discussing, critiquing and making photographs. Students will learn basic techniques of exposure, composition, black and white processing, printing, print finishing, and print presentation.

Advanced Photography 1 (Grades 10-12) - Homework: Low - Semester - Prerequisite: Successful completion of Photography. Advanced Photography continues the exploration of photographic processes, equipment, and materials. Students will explore career opportunities in the field of photography.

Sculpture 1 (Grades 10-12) – Homework: Low – Semester – Prerequisite: None. This class explores various materials used to create sculptures which may include wood, plaster, stone, paper, metal or mixed media. Students will learn how to manipulate these materials and use sculpting tools and machines safely. Traditional and non-traditional methods will be used for additive, subtractive, and assemblage sculptures. A strong emphasis is placed on the study of sculpture history, analyzing other works of sculpture, discussion, and critique. Realistic and abstract sculpture will be studied. Out-of-class and group assignments will be introduced in the class.

Advanced Sculpture 1 (Grades 10-12) – Homework: Low – Semester – Prerequisite: Successful completion of Sculpture. Advanced Sculpture continues to develop skills introduced in Sculpture.


AP Art 1 (Grades 9-12) – Homework: Medium – Year – Prerequisite: Teacher Approval. AP Art will offer three studio art courses and portfolios: 2-Dimensional Design, 3-Dimensional Design, and Drawing. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation to the most common college foundation courses. Students may choose to submit any or all of the Drawing 2-Dimensional design, or 3-Dimensional design portfolios. Students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.


BUSINESS & COMPUTER TECHNOLOGY

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/
Computer Graphics I	9-12	None	1 semester, 0.5 credit
Computer Graphics II	9-12	Computer Graphics	1 semester, 0.5 credit
Intro to Marketing I	11,12	None	1 semester, 0.5 credit
Intro to Marketing II	11,12	Completion of Intro to Marketing I	1 semester, 0.5 credit
Accounting	11,12	None	2 semesters, 1 credit


BUSINESS and COMPUTER TECHNOLOGY


The Business and Computer Technology program is planning for the future. Today's economy demands a technology-savvy workforce. Our program will provide opportunities for students to gain essential skills for the workplace. The department endeavors to employ the most current available technology in hardware, software, and teaching materials to meet the ever-changing demands of the corporate world and society.


Computer Graphics I  (Grades 9-12) - Semester - *Prerequisite: None.* In this course, the student focuses on the technical and aesthetic aspects of computer graphics. A main emphasis is on learning Adobe Photoshop CS3 as well as Adobe Fireworks, and a short unit in Adobe Flash. The student creates original graphics and animated web graphics.

Computer Graphics II  (Grades 9-12) - Semester - *Prerequisite: Computer Graphics I.* In this course, the student continues developing skills that they learned in Computer Graphics I. Students use Adobe Photoshop CS3, Adobe Illustrator, and Adobe Fireworks.

*Note: Computer Graphics I and II can be **used** to meet the Art-related credit required for graduation.

Marketing I  (Grades 9-12) - Semester - *Prerequisite: None.* This course focuses on today's world of business with an integration of Computer Application concepts. The students learn about topics such as marketing, international business, advertising, selling, distribution, pricing, finance, management, trade shows, and customer service. Microsoft Office applications are integrated into the course to allow the students to learn useful concepts in Word, PowerPoint, Excel, and Microsoft Publisher. The students use these software programs to complete business projects throughout the year.

Marketing II  (Grades 9-12) - Semester - *Prerequisite: Marketing I.* This course continues to build on the concepts learned in Marketing I. Computer Application concepts are expanded on from those concepts learned in Marketing I. Units on Sports & Entertainment Marketing, Hospitality, Business Communications, and Retailing may be covered during the semester.

Accounting I  (11,12) – Year - *Prerequisite: None.* Accounting is the basis of how businesses operate. This course can also assist in keeping your own personal financial records. Many challenging experiences in business transactions are presented. Students will also learn the steps for accounting for a sole proprietorship and a partnership. If you ever plan to operate your own business, accounting knowledge is a necessity. Most of the Accounting work completed using business forms in Excel.

*Note: A Senior can use the Accounting I class as a math-related credit for his/her 4th year math credit if he/she has successfully completed Algebra II.

ENGLISH

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/ CREDIT
English 9	9	None	2 semesters, 1 credit
English 9 Honors	9	Suggested A or B in 8 th grade	2 semesters, 1 credit
English 10	10	Successful completion of prior year's English course	2 semesters, 1 credit
English 10 Honors	10	Suggested A or B in English 9	2 semesters, 1 credit
English 11	11	Successful completion of prior year's English course	2 semesters, 1 credit
English 11 Honors	11	Suggested A or B in English 10	2 semesters, 1 credit
English 12	12	Successful completion of prior year's English course	2 semesters, 1 credit
English 12 Honors	12	Suggested A or B in English 11	2 semesters, 1 credit

AP English (5.0 grade scale)	12	Suggested A or B in Honors English 10th & 11th grade, teacher contract	2 semesters, 1 credit
Publications	9,10,11,12	None	2 semesters, 1 credit

ENGLISH

Students must successfully pass the four years of required courses offered by the English Department for 9th, 10th, 11th, and 12th grades in order to meet Tecumseh High School graduation requirements. Technology use is an expectation, and English 10-12 courses require successful completion of previous grade's course.

*** Honors designates a college preparatory course that is designed to cover additional topics in greater depth.**

It is the intent of the English Department that no student takes more than one semester of required English at a time. However, students are encouraged to take an English elective along with the required course.

ENGLISH 9 **1 2 3 4 5 6** (Grade 9) Homework: Medium – *Prerequisite: None.*

The English 9 course will stress appreciation and analysis of literature such as poetry, drama, short story, legends, and the novel. In conjunction with the study of literature, students will be exposed to the study of the origin and power of words and their application in communication. The course will also include an introduction to public speaking and an introduction to research component.

ENGLISH 9 HONORS **1 2 3 4 5 6** (Grade 9) Homework: Medium –

Prerequisite: Suggested A or B in 8th grade English each semester. Honors classes will cover the same material as in general English classes; however, they will include additional independent reading, reading will be done at a quicker pace and there will be discussions and writing assignments that will include more critical, analytical, and interpretive viewpoints.

ENGLISH 10 **1 2 3 4 5 6** (Grade 10) Homework: Medium – *Prerequisite:*

Successful completion of prior year's English course. Students should sign up for one full year of English 10 classes choosing from the levels listed below. Students in English 10 and English 10 Honors will study American literature and continue to refine, apply, and extend the solid foundation of knowledge, skills and strategies developed in previous years of study. Students will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action, and appropriate use of power. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they have power to impact them.

English 10 Honors **1 2 3 4 5 6** (Grade 10) Homework: Medium – *Prerequisite:*

Suggested A or B each semester in English 9. Honors classes will cover the same material as in general English classes; however, they will include additional independent reading, reading will be done at a quicker pace and there will be discussions and writing assignments that will include more critical, analytical, and interpretive viewpoints.

ENGLISH 11 **1 2 3 4 5 6** (Grade 11) Homework: Medium – Prerequisite: *Successful completion of prior year’s English course.* Students should sign up for one full year of English 11 classes choosing from the levels listed below. Students in English 11 or English 11 Honors will study British literature; many of the authors studied will be encountered in college. Critical reading and writing will be stressed. Students will work on improving their overall communication skills: listening, speaking, writing, vocabulary, and reading. Students will also focus during the second semester’s first six weeks preparing for the reading/writing portion of the SAT Test in both English 11 Honors and English 11.

English 11 Honors **1 2 3 4 5 6** (Grade 11) Homework: High – Year - Prerequisite: *Suggested A or B in each semester of English 10.* Honors classes will cover the same material as in general English classes; however, they will include additional independent reading, reading will be done at a quicker pace and there will be discussions and writing assignments that will include more critical, analytical, and interpretive viewpoints.

ENGLISH 12 **1 2 3 4 5 6** (Grade 12) Homework: Medium – Prerequisite: *Successful completion of prior year’s English course.* Students should sign up for one full year of English 12 classes choosing from the levels listed below. Students in English 12 will study world literature; many of the authors studied will be encountered in college. Critical reading and writing will be stressed. Students will work on improving their overall communication skills: listening, speaking, writing, vocabulary, and reading.

English 12 Honors **1 2 3 4 5 6** (Grade 12) Homework: Medium – Year - Prerequisite: *A or B in each semester of English 11.* Students in English 12 will study world literature; many of the authors studied will be encountered in college. Critical reading and writing will be stressed. Students will work on improving their overall communication skills: listening, speaking, writing, vocabulary, and reading. Honors classes will cover the same material as in general English classes however it will include additional independent reading, reading will be done at a quicker pace and there will be discussions and writing assignments that will include more critical, analytical and interpretive viewpoints.

Advanced Placement **1 2 3 4 5 6** **English** (Grade 12) Homework: High – Year – Prerequisite: *Suggested A or B in Honors level 10th and 11th grade required English courses (3.0 Cumulative GPA), Teacher recommendation, completed application, and completion of assigned required work over the summer.* This course is taught at the college freshman level. In May, students may take the Advanced Placement English Exam in order to qualify for college credit for work done during the year. This is a rigorous course designed for the student seeking an intellectual challenge. All major genres of literature are studied, as are the various styles of writing.

Publications **1 2** (Grade 9-12) Homework: Low – Year or Semester – Prerequisite: *None.* Students will produce the history of Tecumseh High School’s current year in printed and digital formats.

*Note: Publications can be **used** to meet the art-related credit required for graduation.

INDUSTRIAL TECHNOLOGY

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/CREDIT
Engineering Design PLTW I	9,10,11,12	None	2 semesters, 1 credit
Principles of Engineering PLTW II	10,11,12	PLTW I	2 semesters, 1 credit
Engineering Design and Development PLTW III	11,12	PLTW I & II	2 semesters, 1 credit
Mechatronics	9,10,11,12	None	2 semesters, 1 credit



INDUSTRIAL TECHNOLOGY



This emerging program is designed to provide technology literacy and to enhance the activities that are becoming a part of every occupation. No matter where we live, technology affects us in our everyday lives, and therefore it is of great importance to each student to include courses in technology education in their high school career. Technology Education provides all students with opportunities for experiences, which are concerned with developing insights into technology: its evolution, utilization, systems, significance, and its social and cultural impacts.



All courses that are offered provide the following:



- 1) Hands-on activities,
- 2) Problem-solving activities
- 3) Practical activities relating to concepts taught in academic classes
- 4) Updated curriculum introducing technological developments, and
- 5) Focus on future career opportunities and education needed to meet those goals.

The courses are electives and are open to all students. You are encouraged to study the descriptions of the courses offered by the Career and Applied Technology Department and select course(s) of interest to you.

Engineering Design-PLTW-1   (Grades 9-12) Homework: Low - Year - *Prerequisite: None.* Through hands-on projects, students are exposed to professional communication and collaboration methods, design ethics, and technical documentation. Students use industry standard 3D solid modeling software to design and document their solutions to design problems and challenges. They then communicate their design solutions to peers and members of the professional community. Designed for 9th or 10th grade students, the major focus is the design process and its application.

Principles of Engineering-PLTW-2   (Grades 10-12) Homework: Low - Year - *Prerequisite: Teacher recommendation.* This class is the second offered in the Engineering thread of classes through *Project Lead The Way*. In this class students will continue to learn about the engineering process. All aspects of the design process will be explored in further depth. Students will continue to learn how to think creatively to find solutions to real world problems all while learning how to document and interpret their findings through a mix of exploratory and hands on activities which include but are not limited to basic robotic programming and architecture design

Engineering Design and Development-PLTW-3   (Grades 11-12) Homework: Low – Year – *Prerequisite: successful completion of PLTW 1 & 2.* The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program or career.
**Note: PLTW classes can be used to meet the Art-related credit required for graduation.*

Mechatronics   (Grades 9-12) Homework: Low – Year – *Prerequisite: None.* The advanced, multi-disciplinary field of engineering that is critical to the modern manufacturing industry. It includes a combination of mechanical and electrical engineering, including hydraulics, pneumatics and robots. Students will also engage in individual and group design projects using industry standard software. Basic robotic programming and construction will also be explained.

LIFE SKILLS & FAMILY/CONSUMER SCIENCE

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/ CREDIT
Nutrition and Wellness I	9,10,11,12	None	1 semester, 0.5 credit
Nutrition and Wellness II	9,10,11,12	None	1 semester, 0.5 credit
Parenting and Child Development	11, 12	None	1 semester, 0.5 credit
Independent Living Skills	11,12	None	1 semesters, 0.5 credit

LIFE SKILLS AND FAMILY & CONSUMER SCIENCE

Our world is in a state of rapid technological, social, and economic change. Students need to prepare to meet the future challenges they will face in a global society. Life skills are essential to fulfilling the multi-role functions today's students will be expected to perform throughout their lives. Therefore, life skills education promotes students' abilities to manage their human, environmental, and consumer resources in order to maximize the overall quality of life. Life Skills courses will help students to be able to:

- Analyze, prioritize, and fulfill responsibilities in their families and in their communities
- Become responsible producers and consumers
- Make effective decisions that consider the impact on the physical, social, intellectual, and emotional needs of others and themselves
- Demonstrate awareness of cultural differences in our community, nation, and world
- Exercise their legal rights and responsibilities
- Maximize their personal wellness

Nutrition and Wellness I (Grades 9-12) Homework: Medium - Semester -

Prerequisite: None. Do you eat on the run? Feel fatigued frequently? Are you concerned about keeping physically fit? Then this class is for you! Hands-on experiences of cooking and baking in our kitchen "labs" bring textbook learning to a tasty conclusion. After analyzing your present eating habits, you will put into practice the fundamentals of good nutrition as you learn to make positive choices in food selection. You will explore career opportunities in the nutrition field and research the link between food and disease prevention.

Nutrition and Wellness II (Grades 9-12) Homework: Medium - Second Semester -

If you love to eat, this class is for you! This course offers you the opportunity to prepare a variety of nutritious foods in a "teamwork" atmosphere. The focus will be on meal planning for healthy living and aesthetic presentation of your food. You will learn creative techniques for entertaining and planning "themed" meals. You will examine consumer issues such as saving money at the grocery store and using resources wisely. You will also expand your knowledge of foods from various cultures.

Parenting and Child Development (Grades 11-12) Homework: Medium -

Semester - Prerequisite: Offered to Juniors & Seniors only. Do you hope to someday be a parent or pursue a career that involves working with children? This class examines: pregnancy and birth, childcare responsibilities, parenting skills, nurture, and discipline. Emphasis will be on the physical, mental, social, and emotional development of the child. You will participate in

many activities to build your knowledge of children. This course provides excellent preparation for child-centered careers as well as your future adult role as a parent or role model.

Independent Living **4** **5** (Grades 11 and 12) **Homework: Medium - Semester -**
Prerequisite: Offered to Juniors & Seniors only. Whether you are headed for college, military service or the work world, this course will prepare you for the day-to-day challenges of living on your own. Units of study include decision making, goal setting, career exploration, money management, housing and building effective interpersonal skills. Guest speakers provide additional learning opportunities.

MATHEMATICS

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/CREDIT
Algebra I	9	None	2 semesters, 1 credit
Geometry	9, 10	Algebra I	2 semesters, 1 credit
Algebra II	10, 11	Algebra I/Geometry	2 semesters, 1 credit
Algebra II A	11	Algebra I/Geometry	2 semesters, 1 credit
Algebra II B	12	Algebra II A	2 semesters, 1 credit
Pre-Calculus	11, 12	Algebra I, Geometry, Algebra II, Recommended C or better	2 semesters, 1 credit
AP Calculus AB (5.0 Scale)	12	Algebra I, Geometry, Algebra II, Pre-Calc, Teacher Recommendation, Contract	2 semesters, 1 credit
AP Statistics	11, 12	Algebra II, Suggested B or better, Teacher Recommendation, Contract	2 semesters, 1 credit

MATHEMATICS






Incoming Freshmen:





Option 1: The student may elect to take Algebra I





Option 2: The student may elect to take Geometry, if previous credit was earned in Algebra I.

Seniors are required by the State of Michigan to take a math class or a math-related class. Accounting, which is taught in the THS Business Department, is considered a math-related class which a senior can use to fulfill the state requirement.

TRADITIONAL COURSE OFFERINGS:

Algebra I      (Grade 9) **Homework: Medium – Year – Prerequisite:** *none* This is the first course in a four course college prep series. Students should be able to read and apply information to everyday algebraic problems. Statistics and probability, as well as geometry are blended with the algebra. Topics covered in this course are: use of variables, multiplication in algebra, addition in algebra, subtraction in algebra, linear sentences, division in algebra, slopes and lines, exponents and powers, quadratic equations and square roots, polynomials, linear systems, factoring, and functions. A graphing calculator is required for this course. A graphing calculator is required for this course. The Texas Instrument Nspire calculators are provided for in class use. The Texas Instrument TI-83, TI-83 Plus, TI-84, or TI-84 Plus calculators are recommended for home use.

Geometry     (Grades 9-10) **Homework: Medium – Year – Prerequisite:** *Algebra I*. This course is the second in a series of four college prep courses. It integrates algebra and some discrete mathematics together with geometry. Pure and applied mathematics is also integrated throughout. Topics covered in this course are: Points and lines, language of geometry, angles and lines, reflection and congruence, proofs, polygons and symmetry, triangle congruence, perimeter and area, three dimensional figures, surface area and volume, indirect and coordinate proofs, and similar triangles and trigonometry. A graphing calculator is required for this course. A graphing calculator is required for this course. The Texas Instrument Nspire calculators are provided for in class use. The Texas Instrument TI-83, TI-83 Plus, TI-84, or TI-84 Plus calculators are recommended for home use.

Algebra II     (Grades 10-12) **Homework: Medium – Year – Prerequisite:** *Algebra I/Geometry*. This is the third course in a four course college prep series. The content of this course integrates geometry, discrete mathematics, and statistics together with advanced topics in algebra as well as trigonometry. Pure and applied mathematics is integrated throughout the course. Topics covered in this course are: functions, variation and graphs, linear functions, matrices, systems, quadratic functions, powers, inverses and radicals, exponential and logarithmic functions, trigonometry, polynomials, quadratic relations, and series and combinations. A graphing calculator is required for this course. A graphing calculator is required for this course. The Texas Instrument Nspire calculators are provided for in class use. The

Texas Instrument TI-83, TI-83 Plus, TI-84, or TI-84 Plus calculators are recommended for home use.





Algebra II A **2 3 4 6** (Grade 11) **Homework: Low – Year – Prerequisite: Algebra I** This course together with Algebra II B satisfies the Algebra II requirement over a two-year period. The content of these two courses together integrate geometry, discrete mathematics, and statistics together with advanced topics in algebra as well as trigonometry. Pure and applied mathematics are integrated throughout the courses. Topics covered in this course are: functions, variation and graphs, linear functions, matrices, systems, quadratic functions, powers, inverses and radicals, exponential and logarithmic functions, trigonometry, polynomials, quadratic relations, and series and combinations. A graphing calculator is required for this course. The Texas Instrument Nspire calculators are provided for in class use. The Texas Instrument TI-83, TI-83 Plus, TI-84, or TI-84 Plus calculators are recommended for home use.

Algebra II B **2 3 4 6** (Grade 12) **Homework: Medium – Year – Prerequisite: Algebra II A.** This course together with Algebra II A satisfies the Algebra II requirement over a two-year period. The content of these two courses together integrate geometry, discrete mathematics, and statistics together with advanced topics in algebra as well as trigonometry. Pure and applied mathematics are integrated throughout the courses. Topics covered in this course are: functions, variation and graphs, linear functions, matrices, systems, quadratic functions, powers, inverses and radicals, exponential and logarithmic functions, trigonometry, polynomials, quadratic relations, and series and combinations. A graphing calculator is required for this course. A graphing calculator is required for this course. The Texas Instrument Nspire calculators are provided for in class use. The Texas Instrument TI-83, TI-83 Plus, TI-84, or TI-84 Plus calculators are recommended for home use.

Pre-Calculus **2 3 4 6** (Grades 11-12) **Homework: High – Year – Prerequisite: Algebra I, Geometry, Algebra II, Teacher Recommendation.** This course is designed to prepare students to study AP Calculus. Pre-Calculus is the fourth course in a four course college prep mathematics program that requires memorization and application of many theoretical formulas and concepts. The content of this course integrates the concepts of trigonometry, functions, analytic geometry, and probability as preparation for calculus. Topics covered this course are: polynomial and rational functions; exponential and logarithmic functions; trigonometric functions and analytic trigonometry; analytic geometry; and sequences, series, and probability. A graphing calculator is required for this course. A graphing calculator is required for this course. The Texas Instrument Nspire calculators are provided for in class use. The Texas Instrument TI-83, TI-83 Plus, TI-84, or TI-84 Plus calculators are recommended for home use.

AP Calculus (AB) **2 3 4 6** (Grade 12) **Homework: High - Year - Prerequisite: Algebra I, Geometry, Algebra II, Pre-Calc, teacher recommendation and contract.** This course follows the AP curriculum (AB level). The students must contract for this level, which may include advanced preparation or special projects during the year. This course is intended to

provide a secure foundation for success in college Calculus. The elements and techniques of function analysis will be extended to greater depth. A graphing calculator is required for this course. A graphing calculator is required for this course. The Texas Instrument Nspire calculators are provided for in class use. The Texas Instrument TI-83, TI-83 Plus, TI-84, or TI-84 Plus calculators are recommended for home use for this course. Students will be expected to take the AP exam and on successful completion may receive college credit. You will be required to submit a Student Performance Contract at the start of the school year.

Advanced Placement Statistics     (Grades 11 and 12) **Homework: High -**
Prerequisites: Algebra II with a B or better grade or currently taking Algebra II and earned a B or better in both Algebra I and Geometry, teacher recommendation and contract. The topics for Advanced Placement Statistics are divided into four major themes: Exploring Data, Planning a Study, Anticipating Patterns and Statistical Inference. Applications of statistics are found in many areas of study including economics, psychology, sociology, chemistry, medicine, political science, biology, geophysical science, physics, engineering, and education. Statistics, in the form of decision analysis, is used in business decision-making and in marketing to analyze consumer preferences. Legal decisions are frequently based on the statistical analysis of evidence. Students taking this course will be required to develop effective communication skills through the preparation of both written and mathematical analyses of real data. A graphing calculator is required for this course. The Texas Instrument TI-83 Plus, TI-84, TI-84 Plus, or Nspire calculators are recommended for home use. Students will be expected to take the AP exam and on successful completion may receive college credit. You will be required to submit a Student Performance Contract at the start of the school year.

MUSIC

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/ CREDIT
Symphony Band	9,10,11,12	Band Director Approval	2 semesters, 1 credit
Symphony Orchestra	9,10,11,12	Orchestra Director Approval	2 semesters, 1 credit
Chamber Orchestra	10,11,12	Orchestra Director Approval	2 semesters, 1 credit
Chorale Choir	10,11,12	Choir director Approval	2 semesters, 1 credit
Men's Choir	9, 10, 11, 12	None	2 semesters, 1 credit
Women's Chamber Ensemble	10,11,12	Audition	2 semesters, 1 credit
Chamber Singers	10,11,12	Audition	2 semesters, 1 credit
Guitar 1	9,10,11,12	Teacher Approval	1 semester, 0.5 credit
Treble Choir	9,10,11,12	Choir Director Approval	2 semesters, 1 credit


MUSIC

Part of the uniqueness of humans is their ability and need to express themselves through personal emotions. When this uniqueness is cultivated, mankind becomes more in tune with his/her humanity. Therefore, music education should help students develop the skills used to communicate emotion, understand the artistic expressions of history and define beauty. Participation in these classes develops the student's ability to multitask, build interpersonal communication, and team building skills. Students build self-confidence.

**Note: All music classes can be used to meet the Art-related credit required for graduation.*


Tecumseh High School Bands

Tecumseh High School is committed to providing an outstanding experience for those interested in instrumental music. The bands have established a tradition of outstanding performance in venues throughout the state and nation, and are focused on building and learning skills that translate to success later on in life. There is a place in the THS band program for anyone who wants to enjoy music and perform.


Symphony Band  (Grades 9-12) **Homework: Low – Year - Prerequisite: band director approval.** The THS Symphony Band is the premier wind and percussion organization in the Tecumseh Public Schools. The band is dedicated to the performance of high-quality band music. Members of this group are expected to help achieve this goal through practice and rehearsal. Members of the ensemble are expected to perform in the Shooting Star Marching Band. The band performs at all home football games, the Tecumseh Christmas Parade, The Tecumseh Memorial Day Parade, District and State Band Festivals, Graduation and at least 3 other concerts during the year. Members are also required to participate in District and State Solo and Ensemble Festivals. Symphony Band may be repeated for credit and members are expected to participate for the entire year. Membership is determined by audition.


Tecumseh Schools Orchestra Program


The Tecumseh Schools Orchestra Program (TSO) is dedicated to instilling musical skills, foundations, and appreciation in string-playing students. TSO ensembles are performance-based groups that refine students' techniques and playing abilities, as well as expose them to diverse genres of music. This nationally-recognized program will continue to provide students with the opportunities to perform in a vast variety of venues multiple types of music, ranging from classical to fiddling.

Symphony Orchestra  (Grades 9-12) **Homework: Low – Year - Prerequisite: band director approval.** The Tecumseh Schools Symphony Orchestra is a large ensemble dedicated to performing high-quality orchestral and multicultural literature. Members of this ensemble are expected to achieve these goals through group and individual practice. Students in this ensemble

will share their accomplishments through several performances throughout the year, including MSBOA District and State Festivals, concerts and performances. Symphony Orchestra will combine with wind and percussion players from the bands on occasion, providing a full orchestra experience. Symphony Orchestra may be repeated for credit and members are expected to participate for the entire year.

Chamber Orchestra  (Grades 10-12) **Homework: Low -Year- Prerequisite: Audition and director approval.** The Tecumseh Schools Chamber Orchestra is the premier orchestral ensemble at Tecumseh High School. The ensemble will be dedicated to performing the highest quality orchestral literature. Students in this ensemble will share their accomplishments through several performances throughout the year, including MSBOA District and state Festivals, concerts and performances, as well as graduation. Symphony Orchestra will work in conjunction with the wind and percussion players from the bands in creating a full orchestra. Chamber Orchestra may be repeated for credit and members are expected to participate for the entire year.

Guitar 1  (Grades 9-12) **Homework: Low -Year- Prerequisite: None.** Learners will explore the basics of playing guitar through various learning activities. Learners will use a school owned, acoustic guitar, and have the opportunity to use the guitar at home to practice. Genres such as rock, folk, jazz, classical, and more will be explored by learners in large groups and collaborative, small group settings. Learning to read standard notation and guitar tablature will help learners become well-rounded guitarists. No other music classes are required, and skill levels may vary.

Advanced Guitar  (Grades 9-12) **Homework: Low -Year- Prerequisite: Guitar 1.** Learners will continue to explore the guitar in large groups and small group collaborations. Various genres will be performed by the learner, and learners are held to a higher standard in performances. Learners will use their music reading skills learned in Beginning Guitar to assist them in learning new songs. Greater attention to music theory in this course will assist guitarists in understanding music and composing their own. Beginning Guitar or teacher's permission is required to take this course.

Tecumseh High School Choirs

All Tecumseh High School Choirs prepare music for performances that entertain, educate, inspire, and/or provoke thought for both audiences and singers. Students share what they've learned every term in a performance venue. Credit is earned for each semester taken, but singers are expected to participate for the entire year. Choir members develop ensemble and solo singing skills through performance-based rehearsals, music-reading, ear training, and vocal production techniques. Emphasis is placed on experiences that are part of human expression through the arts. Activities include the opportunity for students to write about their musical experiences and view singing as lifelong learning that contributes to quality of life. In addition, students will gain confidence and build self-esteem as they perform music for the enjoyment and enlightenment of others as well as for themselves.

Chorale 1 (Grades 10-12) Homework: Low – Year – Prerequisite: Director

Recommendation with a strong desire to sing. Chorale is the largest choir in the Vocal Music Program and performs standard choral literature from all styles and periods of music in a variety of languages. Depending on the year, the group is comprised of mixed voices or female voices. Chorale performs at all concerts, Choral Festival, in small groups at Solo & Ensemble Festival, and in combination with Chamber Singers for larger works. Students in Chorale are expected to sight read at the intermediate level.

Men's Choir 1 (Grades 9-12) Homework: Low - Year - Prerequisite: none, desire to sing and perform as a male choir. Men's Choir is the class for all men entering the THS Vocal Music Program for the very first time. They perform at all concerts, Choral Festival, and Solo & Ensemble Festival. Students will focus on tone building, music literacy (sight reading) and other skills that will assist them in advancing into the upper level choirs in the Vocal Music Program.

Women's Chamber Ensemble 1 (Grades 10-12) Homework: Low - Year - Prerequisite: Selection by director based on audition and past performance. Women's Chamber Ensemble is an auditioned women's chamber choir consisting of no more than 20 voices per school year. Repertoire is pulled from advanced choral literature from a variety of time periods. Women's Chamber Ensemble performs at all concerts, Solo & Ensemble Festival, and in combination with Chamber Singers for larger works. Students who aspire to becoming a member of Women's Chamber Ensemble should be strong sight readers and able to hold their own part amidst others.

Treble Choir 1 (Grades 9-12) Homework: Low - Year - Prerequisite: Desire to sing and perform. Treble Choir is the class for all women entering the THS Vocal Music Program for the very first time. Treble Choir performs at all concerts, Choral Festival, and in small groups at Solo & Ensemble Festival. Students will focus on tone building, music literacy (sight reading) and other skills that will assist them in advancing into the upper level choirs in the Vocal Music Program.

Chamber Singers 1 (Grades 10 – 12) Homework: Low - Year - Prerequisite: Audition and strong desire to sing at an aggressive level of accomplishment. Chamber Singers is the premier performing ensemble in the THS Vocal Music Program. Its members are the most advanced in the program and are regularly called upon to perform around the area for special events and concerts. Chamber Singers repertoire is pulled from advanced choral literature from a variety of time periods. An important component to this class is the incorporation of chamber music. The larger choir performs in several smaller groups of different voicings to increase the depth of literature and scope of performance and perform in these small groups at Solo & Ensemble Festival. Students in this class will also perform solo one time throughout the school year and are highly encouraged to perform these solos at Solo & Ensemble Festival. Students who aspire to become a member of Chamber Singers should be strong sight readers and able to hold their own part amidst others.

Online Course Offerings:
Online courses are available for all grade levels

Accounting I & II Administrative Duties and Office Mgt Anthropology I & II Archeology Art History Art I: World Cultures Astronomy Business Communication Business Information Systems Business Law Business Math Career Planning and Development Careers in Criminal Justice Chinese I, II, III Creative Writing Criminal Investigation Criminology Critical Thinking and Study Skills Developmental Writing Digital Photography II Engineering Design I & II Fashion & Interior Design Fitness Lifestyle Design Forensic Science I & II Foundations of Personal Wellness Game Design Geography A Geography B Gothic Literature Green Design and Technology Healthy Living History of the Holocaust Hospitality and Tourism International Business Intro to Agriscience Intro to Art Intro to Business Intro to Communication Intro to Criminal Justice	Intro to Culinary Arts Intro to Early Childhood Education Intro to Entrepreneurship I & II Intro to Finance Intro to Homeland Security Intro to Law Intro to Marketing I & II Intro to Medical Assisting Intro to Social Media Intro to Sociology Intro to Paralegal Profession Journalism Law & Order Lifetime Fitness Life Management Medical Terminology Music Appreciation Mythology and Folklore Peer Counseling Personal & Family Finance Personal Fitness Personal Psychology II Philosophy Principles of Management Psychology Public Speaking Reading for College Success Spanish I & II Social Media Social Problems A Social Problems B Sociology Sports & Entertainment Marketing Strategies for Academic Success Theater, Cinema & Film Production Thinking & Learning Strategies Veterinary Science World Religions
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<p><u>Science</u> Biology Chemistry Earth Science Environmental Science Life Science Physical Science Physics</p>	<p><u>Math</u> Algebra I Geometry Algebra II Consumer Math Personal & Family Finance Algebra II Pre-Calculus Statistics Trigonometry</p>
<p><u>Social Studies</u> Economics Government Human Geography MS Civics, Government and Economics MS US History MS World Cultures and Geography MS World History Survey of US History US History I US History II World History</p>	<p><u>Language Arts</u> English 9 English 10 English 11 English 12 Creative Writing Journalism Mythology and Folklore Gothic Literature</p>

PHYSICAL EDUCATION & HEALTH

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/ CREDIT
Health	9,10,11,12	None	1 semester, 0.5 credit
Beginning Strength & Conditioning	9,10,11,12	None	1 semester, 0.5 credit
Lifetime Fitness	9,10,11,12	None	1 semester, 0.5 credit
Team & Individual Sports	10,11,12	None	1 semester, 0.5 credit
Advanced Strength & Conditioning	10,11,12	Beginning Strength & Conditioning	1 semester, 0.5 credit
Female Strength & Conditioning	9,10,11,12	Beginning Strength & Conditioning	1 semester, 0.5 credit

PHYSICAL EDUCATION AND HEALTH

The focus of the Physical Education Program is a series of lifetime fitness and leisure activities, which will enhance the wellness of each individual. A passing grade in Strength & Conditioning or Lifetime Fitness will fulfill the one-half credit graduation requirement for physical education. Since participation is the major basis for earning credit in a physical education elective class, students must adhere to the established attendance and dress policies outlined in the student handbook in order to receive credit for the course.

Health **4** **5** (Grade 9,10) **Homework: Low - Semester - Prerequisite: None, but successful completion of the Health course is a graduation requirement.** Health class will work to improve students' understanding of basic health concepts and disease prevention. Students will be able to assess their own health status and understand the relationship between healthful living and their quality of life. Through health education, students will learn to obtain, interpret, and apply information and services in ways that protect and promote personal, family, and community health. Students will be involved in projects, activities and discussion of the following topics: Nutrition and Physical Activity, Alcohol, Tobacco, and other Drugs, Safety, Social/Emotional Health, Personal Health and Wellness, HIV Prevention, and Sexuality Education.

Strength & Conditioning **4** **5** (Grades 9-12) **Homework: Low - Semester or Year - Prerequisite: None.** This is an introductory weight training, conditioning, speed & agility training course geared toward students who have the desire to learn proper and functional strength training. You will utilize functional strength, through learning multiple free weight movements, including the Olympic movements, in all of the routines and techniques used so that the individual may not only be in top notch physical condition, to be prepared specifically for their extracurricular endeavors. Students will be pushed to their limits both physically (through specialized weight training programs) and mentally (through —mental toughness) drills which will challenge the students ability to fight through muscle burn and fatigue).

Team & Individual Sports **4** **5** (Grades 10 -12) **Homework: Low - Semester or Year - Prerequisite: Successful completion of General Physical Education.** A quality physical education program provides a wide variety of opportunities for active participation in the physical domain. Providing a wide variety of activities and sports provides a positive educational environment for the students to achieve success in many ways and provides an avenue for achieving the effects of physical activity. Many team games and individual sport activities are included throughout the semester/year. The major emphasis of the class is placed on dynamic game play, team/individual strategy, and interclass competition.

Team games include, but not limited to, football, volleyball, basketball, soccer, handball, kickball, floor hockey, and ultimate Frisbee. Individual games include, but not limited to,

tennis, badminton, paddleton, pickleball, cornhole, and ping pong.

Fitness for Life 4 5 (Grades 9-12) **Homework: Low - Semester or Year - Prerequisite: None.** This physical education class is for any student interested in the benefits associated with physical exercise. The fundamental basis of the course is to develop and enhance the five health related fitness areas of muscular strength, muscular endurance, cardiovascular, body composition, and flexibility, of each individual learner's personal beginning fitness level. The course will accomplish enhancement through aerobic activities, dynamic and static stretching, muscular toning, endurance training, core exercises, speed/agility training, and strength training of the major muscle groups with a primary focus on body weight resistance. Further health-related topics will be discussed throughout the course to encourage learners to be physically engaged for life.

Advanced Strength & Conditioning 4 5 (Grades 10-12) **Homework: Low – Semester or Year – Prerequisite: and Instructor approval.** This is an accelerated weight training, conditioning, speed & agility training course geared toward students who meet the work ethic requirements, character requirements, and are serious about their physical fitness and achievement in personal fitness goals that require peak strength and conditioning. You will utilize —functional strength (through all free weight movements, including the Olympic movements) in all of the routines and techniques used so that the individual may not only be in top notch physical condition, but be prepared specifically for their extracurricular endeavors. Students will be pushed to their limits both physically (through specialized weight training programs) and mentally (through —mental toughness || drills which will challenge the students ability to fight through muscle burn and fatigue). Class is limited to 25 students per period. Completion of Beginning Strength & Conditioning required to enroll in this course.

Female Beginning Strength & Conditioning 4 5 (Grades 9-12) **Homework: Low – Semester or Year – Prerequisite: Instructor approval.** This is an introductory weight training, conditioning, speed & agility training course geared toward students who have the desire to learn proper and functional strength training. You will utilize functional strength, through learning multiple free weight movements, including the Olympic movements, in all of the routines and techniques used so that the individual may not only be in top notch physical condition, to be prepared specifically for their extracurricular endeavors. Students will be pushed to their limits both physically (through specialized weight training programs) and mentally (through —mental toughness || drills which will challenge the students ability to fight through muscle burn and fatigue).

SCIENCE

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/ CREDIT
Biology	9	None	2 semesters, 1 credit
Biology Honors	9	Teacher Recommendation	2 semesters, 1 credit
Chemistry	10	None	2 semesters, 1 credit
Chemistry Honors	10	Teacher Recommendation	2 semesters, 1 credit
Physics	11	None	2 semesters, 1 credit
Physics Honors	11	Teacher Recommendation	2 semesters, 1 credit
Human Anatomy & Physiology	11,12	Biology, Biology Honors	2 semesters, 1 credit
AP Biology (5.0 scale)	11,12	Teacher Recommendation, Contract	2 semesters, 1 credit




AP Environmental Science (5.0 scale)	11,12	Teacher Recommendation, Contract	2 semesters, 1 credit
AP Chemistry (5.0 grade scale)	11,12	Teacher Recommendation, Contract	2 semesters, 1 credit

SCIENCE

For high school graduation the State of Michigan requires three years of science (one year of biology, one year of physics or chemistry and one additional year of science). To this end freshman will be required to take a year of biology (either Bio or Bio Honors), and sophomores must take Chemistry or Chemistry Honors. Taking these classes in the freshman and sophomore years will prepare students to take the MME/SAT during their junior year in which students will be required to take Physics or Physics Honors.

The central purpose of science education is to develop the scientific and technological literacy of all students. As the needs and demands of society change, science and technology become dynamic rather than static. Science educators must assume responsibility for addressing the science education needs of all students. Responsible use of modern technology promotes the knowledge and processes generated by science to meet the needs of society and its environment. We expect that students who have successfully completed courses from the science curriculum at Tecumseh High School will:

- *Asking questions (for science) and defining problems (for engineering)*
- *Developing and using models*
- *Planning and carrying out investigations*
- *Analyzing and interpreting data*
- *Using mathematics and computational thinking*
- *Constructing explanations (for science) and designing solutions (for engineering)*
- *Engaging in argument from evidence*
- *Obtaining, evaluating, and communicating information*

Biology    (Grade 9) Year - *Prerequisite: None.* A laboratory-oriented course, which focuses on the basics of biology. Topics included are the methods of science, biological levels of organization, chemistry of living things, cells and cell processes, genetics, biological evolution, a survey of life forms, and ecology. The scientific method will be utilized and

emphasized throughout the course. The biology of humans will be emphasized whenever applicable.

Biology Honors **4 5 6** (Grade 9) Year – *Prerequisite: Teacher Recommendation*
Prerequisite: None. A laboratory oriented course in which the topics covered in Biology I will be studied in greater depth and have a greater application to all life forms. The molecular basis of life is stressed especially in cellular energetics, genetics and biotechnology.

Chemistry **3 4 5 6** (Grade 10) Year - *Prerequisite: None.* A laboratory oriented course in which the following topics are covered: scientific method, laboratory safety and procedure, scientific measurement, states of matter, energy, physical and chemical properties of matter, problem solving (density, heat, molarity, pH, specific heat, stoichiometry, etc.), atomic structure, chemical names and formulas, chemical reactions, kinetic theory, behavior of gases, chemical periodicity, chemical bonding, properties of solutions, acids, bases, salts, oxidation-reduction reactions and organic chemistry. How chemistry is used in life will be stressed.

Chemistry Honors **3 4 5 6** (Grade 10) Year -*Prerequisite: Teacher recommendation.* A laboratory oriented course in which the following topics are covered: scientific method, laboratory safety and procedure, scientific measurement, states of matter, energy, physical and chemical properties of matter, problem solving (density, heat, molarity, pH, specific heat, stoichiometry, etc.), atomic structure, chemical names and formulas, chemical reactions, kinetic theory, behavior of gases, chemical periodicity, chemical bonding, properties of solutions, acids, bases, salts, oxidation-reduction reactions and organic chemistry. How chemistry is used in life will be stressed.

Physics **3 4 6** (Grade 11) Year— *Prerequisite: None* A laboratory oriented course in which the following topics are covered: science and the scientific method, properties of matter, measurement of matter, structure of matter, bonding, and nomenclature of substances, physical and chemical changes, the kinetic theory of matter, conservation and transformation of matter, types of energy, and energy sources. Application is made to everyday life throughout the course including the use of physics concepts in technology.

Physics Honors **3 4 6** (Grade 11) Year- *Prerequisite: Teacher recommendation.* Physics Honors is highly recommended for students planning on attending college. The first semester of study is devoted to mechanics, or the study of motion. Topics covered first semester include vectors, Newton's Laws, projectile motion, momentum and energy, and rotational motion. The second semester introduces electricity, sound and light. Topics covered include electric fields, electrical energy, current, resistance, circuits, magnetism, light reflection, mirrors, lenses, refraction, vibrations and waves, and sound. How physics is used in life will be stressed. This is an algebra based physics class with an emphasis on problem solving and labs. This class relies more heavily on mathematics than the other Physics course.

Human Anatomy and Physiology **4 5** (Grades 11-12) Homework: Medium - Year

– **Prerequisite: Biology/Biology Honors.** Recommended as a third or fourth year science class. Covers the eleven organ systems of the body and incorporates relevant physiological topics for each of the systems. Laboratory work requires the student to be an efficient microscopist, utilize concepts from chemistry, be adept at algebraic mathematics, and participate in dissections. The course is intended for those students who are interested in preparation for paramedical education at a higher level.

Advanced Placement Chemistry 4 5 6 (Grades 11-12) Semester/year.

Prerequisite: C or better in Chemistry Honors and teacher recommendation from chemistry instructor or A or B in Chemistry. Advanced Placement Chemistry is designed to train students to take the Advanced Placement Chemistry examination. Topics will be similar to Chemistry I only with a much more quantitative approach and greater depth of conceptual content. Adequate math skills are a must for success in this course. Students performing well on the AP Chemistry exam may receive college credit at the majority of American universities. AP Chemistry will be conducted as an introductory college level course, emphasizing lab work and problem solving.

Advanced Placement Biology 4 5 6 (Grades 10-12) Year –**Prerequisite: Teacher recommendation.**

This course is designed to be the equivalent of a college introductory biology course taken by biology majors during their first year. Students will have the opportunity to take the AP exam and on successful completion may receive college credit. This course will provide students with conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students will be given a syllabus of study and will take part in laboratory experiences designed to expand their understanding of concepts such as science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and science, technology and society. Appointment to this class is by application only.

Advanced Placement Environmental Science 3 6 (Grades 10-12) Year-

Prerequisites: Biology and chemistry or physics concurrently. Teacher Recommendation

Environmental science is an interdisciplinary course designed for college ready students with a serious interest in science. The AP Environmental Science course is a full-year course designed to be the equivalent of a one semester, introductory college course in environmental science. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will be expected to take the AP exam and on successful completion may receive college credit. You will be required to submit a Student Performance Contract at the start of the school year.

SOCIAL STUDIES

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/ CREDIT
U.S. History	9	None	2 semesters, 1 credit
World History	10	None	2 semesters, 1 credit
Economics	10,11,12	None	1 semester, 0.5 credit
U.S. Government	10,11,12	None	1 semester, 0.5 credit
AP U.S. Government & Politics	11,12	Contract, Recommended C or better in U.S. History	2 semesters, 1 credit
AP Econ (5.0 grade scale)	11,12	Contract, Recommended C or better in Economics	2 semesters, 1 credit
AP World History (5.0 grade scale)	11,12	Contract, Recommended C or better in World History	2 semesters, 1 credit

AP US History	10,11,12	Contract, Recommended C or better in U.S. History	2 semesters, 1 credit
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SOCIAL STUDIES

A solid foundation in Social Studies is vital to the development of good citizenship. The social studies curriculum at Tecumseh High School will provide experiences that promote good citizens. credits will be required for graduation.

REQUIRED COURSES FOR GRADUATION:

U.S. History **1 5** (Grade 9) **Homework: Medium – Year - Prerequisite: None.** 1865 – Present. Examine and analyze the major themes and events that affected the development of the United States from the late 1800’s to the present. Focus will be on economic, social, and political themes and events. Topics include Progressivism, Imperialism, WWI, the Roaring 20’s, the Great Depression, the New Deal, WWII, the Cold War, the Civil Rights Era, and the growth of modern America.

World History **1 5** (Grades 10) **Homework: Medium - Year – Prerequisite: None.** Explore and investigate past and present realities of historical significance from the rise of civilizations and cultural interactions to 20th century globalization. Discovering the past will involve readings and discussions in order to fully understand the history of mankind.

Economics **1 5** (Grade 10-12) **Homework: High - Semester - Prerequisite: None.** A study of economic systems with a focus on the U.S. capitalistic market economy; U.S. monetary policy; Federal Reserve, economic measurement and indexes; U.S. fiscal policy; sources of revenue, government spending, federal mandates on state and local government; and foreign trade.

U.S. Government **1 5** (Grade 10-12) **Homework: High - Semester - Prerequisite: None.** A study of the government of the new nation, the confederation, the Constitution, Congress, the Presidency, the bureaucracy, federal courts, civil liberties and civil rights, elections, political parties, and comparative governments. (more ambitious students may replace this class with AP Gov.)

ELECTIVE YEAR COURSE OFFERINGS

Advanced Placement U. S. Government and Politics **1 5** (Grades 11-12) **Must submit Student Performance Contract. Homework: High –Prerequisite: Recommended-C or better in Government.** This course is a rigorous college-level class designed to prepare students for the AP U.S. government and politics exam in May. Students will be expected to

demonstrate knowledge of, and analyze processes related to, the structure and function of American government. Areas covered are constitutional underpinnings, political beliefs and behavior, political parties, interest groups and mass media, Congress, the presidency, the bureaucracy, the Federal courts, civil rights and liberties, and public policy.


Advanced Placement Macroeconomics **1** **5** (Grades 11-12) **Homework: High - Year - Prerequisites: *It is recommended that students have proficient math skills in order to be successful in the course. Recommended-C or better in Economics.*** AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to economic systems as a whole and how economists use those principles to examine economic behavior. The course emphasizes how the measures of economic performance, such as gross domestic product (GDP), inflation, and unemployment are constructed and how they are used to evaluate the macroeconomic conditions of an economy. Other topics of study include national income and price-level determination, the financial sector, stabilization policies, economic growth, and international economics. Graphs, charts, and data are used to analyze, describe, and explain economic concepts. Coverage of these topics prepares students for the AP Macroeconomics examination in May.


Advanced Placement World History **1** **5** (Grades 10-12) **Homework: High-Year-Prerequisite: *Students should be able to read a college-level textbook and write grammatically correct, complete sentences. Recommended- C or better in World History.*** The AP World History course corresponds to two semesters of a typical introductory college course. The course focuses on developing students' understanding of world history from approximately 8000 B.C.E. to the present. Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. Students take the AP exam in May and on successful completion may receive college credit. Students are required to submit a Student Performance Contract at the start of the school year.


Advanced Placement US History (Grades 10-12) **Homework: High-Year-Prerequisite: *Students should be able to read a college-level textbook and write grammatically correct, complete sentences. Recommended-C or better in US History.*** The AP U.S. History course is considered a college level survey course that focuses on developing the ability to think conceptually about U.S. history from 1491 to the present and to apply historical thinking skills while learning about the past. Seven themes of equal importance –identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture–provide areas of historical inquiry for investigation throughout the course. These themes require students to reason about continuity and change over time and make comparisons among various historical developments in different eras and locations. Coverage of these topics prepares students for the AP U.S. History examination in May.

ENHANCED LEARNING OPPORTUNITIES

COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/ CREDIT
Leadership	10,11,12	Instructor approval 1 semester, .5 credit and documented leadership role in extra-curricular	2 semesters, 1 credit
Genius Hour	9,10,11,12	None	1 semesters, 0.5 credit
Peer to Peer	10,11,12	Teacher Recommendation	1 semester, 0.5 credit

Leadership  (Grade 10-12) **Homework: Medium – Semester or year - Prerequisite:** *Instructor approval and documented leadership role in extra-curricular activity.* Students taking this course will conceive, plan, execute, and evaluate a variety of school-related activities including the transition of freshmen into high school. Participants will be trained in necessary leadership and life skills such as setting and accomplishing goals; collaborating with others; effective communication; time management; meeting deadlines; follow-through and problem-solving. This course seeks to foster students’ understanding of themselves and their capacity for leadership, and the importance of their leadership role in mentoring the members of the freshmen class. Priority placement will be given to students holding positions in LINK Crew or leadership roles in other THS Clubs or Groups.

Genius Hour  (Grade 11, 12) **Homework: Low – Semester or year – Prerequisite:** *Teacher Recommendation.* Genius Hour is a project based learning opportunity for students to explore topics they are passionate about. Students will explore through research and the inquiry process. Genius Hour will encourage creativity, problem solving, and perseverance among other lifelong skills. This class requires self-motivation and will be graded at a high level.

Peer to Peer  (Grade 10-12) **Homework: Low- Semester or year – Prerequisite:** The Peer to Peer Support program (P2P) is designed to support fellow students with Autism and other developmental/communicative disorders by modeling age appropriate behavior for the

student with the Individualized Education Plan (IEP). Students in the program may also provide peer support to his/her assigned student in the areas of organization, social skills, and academics during the scheduled class period. They are also expected to participate in training, follow school and classroom expectations, journal daily, and participate in case-conferences throughout the semester. Peer to Peer Support students will receive 1/2 elective credit after successfully completing a semester of participation as a peer to peer support.

RESOURCE ROOM

Course Name	Grade	Prerequisite	Course Length/Credit
R.R. U.S. History	9	None	2 semesters, 1 credit
R.R. World History	10	Successful completion of U.S. History	2 semesters, 1 credit
R.R. Government	11,12	Successful completion of U.S. and World History	2 semesters, 1 credit
R.R. Economics	11,12	Successful completion of U.S. and World History	2 semesters, 1 credit
R.R. English 9	9	None	2 semesters, 1 credit
R.R. English 10	10	Successful completion of English 9	2 semesters, 1 credit
R.R. English 11	11	Successful completion of English 10	2 semesters, 1 credit
R.R. English 12	12	Successful completion of English 11	2 semesters, 1 credit
R.R. Algebra I	9	None	2 semesters, 1 credit
R.R. Geometry	10	Successful completion of Algebra I	2 semesters, 1 credit
R.R. Algebra II	11	Successful completion of Geometry	2 semesters, 1 credit

R.R.Consumer Math	12	Can be used as a 4th year math credit	2 semesters, 1 credit
Resource Lab	9-12	Open to all students	2 semesters, 1 credit

Students who are served by the Special Education Department will plan their course selections through the annual I.E.P.T. review process using the least restrictive environment.


R.R. Classes—Courses in this section may be elected by students on Individualized Education Plans who need specialized instruction outside of the general education classroom. Course content parallels the general education curriculum and is offered to assist students with remediation of basic skills and prepare them for more rigorous coursework.


WORLD LANGUAGES


COURSE NAME	GRADE	PREREQUISITE	COURSE LENGTH/ CREDIT
French I	8,9,10,11	None	2 semesters, 1 credit
French II	9,10,11,12	Successful completion of French I	2 semesters, 1 credit
French IV	11,12	Successful completion of French III	2 semesters, 1 credit
Spanish I	8,9,10,11	None	2 semesters, 1 credit
Spanish II	9,10,11,12	Successful completion of Spanish I	2 semesters, 1 credit

WORLD LANGUAGES

The foreign language curriculum at Tecumseh High School focuses on the cultures of the people who speak the language being studied, as well as the five skill areas of reading, writing, listening, speaking and viewing. Use of video, CD-ROM and online resources in addition to traditional texts and audio CDs are valuable tools in helping our students to develop their proficiency in language and culture.

French I  (Grades 9-10) Homework: Low - Year - Prerequisite: *None. Bonjour!* To begin your study of the French language and culture, sign up for this course! You will learn to understand simple spoken and written French, to pronounce the language correctly, and to carry on simple conversations with another speaker of French. You will also have an introduction to daily life in France, activities French teens enjoy, popular French music, and French schools. Other cultural topics include Paris, Québec, Gothic architecture, and francophone (French speaking) countries, and more. Daily conversations in French will be an important part of French I. Join us for an exciting year of exploring some other cultures and learning a new language!

French II  (Grades 9-10) Homework: Low – Year - Prerequisite: *Successful completion of French I.* In this course, you will continue your quest for mastery of the French language and culture. Oral work will be stressed along with progress in composition, reading, and grammar. You will learn different ways to express your attitudes, opinions, and feelings about a variety of topics. You will further your study of French history and civilization with special units on Bretagne, Louis XIV, French Africa, the Loire châteaux, Québec, Martinique, Provence, and the Paris region. *Le français est chouette!*

French IV  (Grades 11-12) Homework: Low - Year - Prerequisite: **C or better in French III.** *Ces étudiants sont les plus avancés du lycée!* This course will prepare students to go on to college-level French language and civilization classes, to live in a French-speaking culture, and to take university French placement tests. Students will work toward attaining a high level of proficiency in the four basic skills of listening, speaking, reading, and writing, and we will also learn a lot of new vocabulary and advanced grammar, of course. Major historical periods will be studied, examples of important francophone literature will be introduced, some francophone countries and personalities will be explored, and current francophone events will be reviewed. If you have taken French III and plan to go to college or if you just love learning French consider including this course in your four-year plan of high school courses. You will be glad you did! *Mais oui!*

Spanish I 1 2 3 4 5 6 (Grades 9-10) Homework: Low - Year - Prerequisite:

None. ¡ *Hola...y saludos!* In Spanish I you will be able to communicate in basic spoken and written Spanish. Through practice you will learn the sound and intonation of the language. Sample situations in which you will participate include: talking about likes and dislikes such as sports, foods, movies, etc. In addition to the language skills you will also encounter "cultural" situations in which you will become acquainted with daily life in Spanish-speaking countries. These will include such topics as what's a typical *fiesta*? What's a *siesta*? What are some traditional holidays and celebrations? We will also talk about some famous places (cities; museums and churches; volcanoes and mountains; etc.) and we will always listen to music from various Spanish-speaking artists.

Spanish II 1 2 3 4 5 6 (Grades 9-10) Homework: Low - Year - Prerequisite:

Successful completion of Spanish I. As you move along to the next level, everything from Spanish I is still critical. Many of the same things are again covered this year, but with greater detail and with better understanding. Oral proficiency and writing will be stressed as you attempt to acquire a greater understanding of Spanish. Speaking in Spanish will be emphasized. Among other things, you will be learning how to express personal feelings and opinions on general topics, as well as attitudes toward staying fit and healthy. We will continue to discuss and learn about places in the Spanish Speaking world.

Middle College at THS

What is a Middle College?

Collaboration between an intermediate or high school district, and a college/university that results in a high school diploma and upwards of an associate's degree

Integration into the college, with faculty and students sharing educational resources

Designed to meet the needs of students who may perform better in a non-traditional learning environment

May be career focused (technical/occupational)

Who does a Middle College serve?

Targeted to students who are statistically underrepresented in higher education and for whom society often has low aspirations for academic Achievement

Early college schools demystify college by providing high school students with structured and regular experiences that expose academic and cultural requirements of college.

If you are interested in the Middle College at THS please see your guidance counselor.

Lenawee County Tech Center

All Tech Center courses listed are open to Juniors and Seniors and offered at the Lenawee Tech Center in Adrian. Students can earn 3.0 credits in the time period they are scheduled to attend The Tech Center. THS TECH Center students have class periods blocked during the hours that they attend the Tech Center. Students are bused from Tecumseh High School for their Tech Center sessions. Students enrolled in the afternoon Tech Center session will be back to THS in time to catch the busses home. Most courses are offered at two levels so that interested students may progress through the same programs over the course of their Junior and Senior year. However, students are not required to do this and may take two different courses over the two-year span.

ARTS AND COMMUNICATION

Graphic Imaging Technology
Video & Audio Production

BUSINESS, MANAGEMENT, MARKETING & TECHNOLOGY

Computer Information Systems
Entrepreneurship, Marketing, Finance
Hospitality & Culinary Arts
Work Support Services

ENGINEERING & INDUSTRIAL TECHNOLOGY

Advanced Manufacturing Technology
Alternative Energy & Robotics
Auto Services Technology

HEALTH SCIENCES

Dental Aide
EMT-Emergency Medical Technician
Health Care Careers
Nursing Preparation

HUMAN SERVICES

Careers in Education

NATURAL RESOURCES & AGRISCIENCE

Agri-Tech
Careers in Biochemical Technology
Ornamental Horticulture

CO-OP

Building and Maintenance Service	<u>WORK EXPERIENCE</u>
Building Trades	<u>CUSTOM-CLASS</u>
Collision Repair & Refinish	
Engineering Design and CAD	
Residential Construction	
Welding	

CO-OP and WORK EXPERIENCE-TECUMSEH HIGH SCHOOL RULES

Co-op (Grade 12) -Prerequisite: Completion of one full year of a Tech Center course and have a job related to that training. The following rules apply to students who participate in the Co-op class:

1. Complete and return a Co-op application (available online at lisd.us)
2. Job has the approval of the school and Tech Center
3. Agree to abide by the Tech Center training plan, Co-op rules and regulations
4. Have some of the work hours during school hours

Work Experience (Grade 12) - This program is offered to seniors who may have a job that does not necessarily relate to any prior training, but is capable of developing a positive work experience. The following rules apply:

1. Complete and return a Co-op application (available online at lisd.us)
2. Job has the approval of the school and Tech Center
3. Agree to abide by the Tech Center training plan, Co-op rules and regulations
4. Have some of the work hours during school hours

Tecumseh High School Four – Year Career Plan

Student Name: _____ ID#: _____

Username for HAC: _____ Career Goal: _____

Education required: _____ College Choice: _____

Directions:

1. Write in your 8th grade credits if you passed both semesters of Algebra I, Spanish I or French I
2. Write in classes you've passed at THS during past or current grades
3. With a parent/guardian, write in a draft of the classes you plan to take for future grades

-Check page 9 of this guide to make sure all graduation requirements are listed on your plan

-Read this Curriculum Guide for class choices

-Consider **challenging** classes. Plan to take AP classes in your best subject to prepare for college. -Consider attending the **LISD TECH Center in 11th and/or 12th grade** for outstanding career-focused programs

HS Credits from 8th Grade

(Algebra I or higher, French or Spanish I):

9th Grade

10th Grade

11th Grade

12th Grade

1st semester

2nd

1st semester

2nd

1st semester

2nd

1st semester

2nd

NOTE: If you plan to attend TECH Center, list that for three spaces each semester

Congratulations on completing this important step toward successful completion of your education and planning for a career. Keep in mind this is a plan and may change as you complete different courses and get a clearer understanding of your interests and abilities. Feel free to discuss this plan at any time (at least annually) with your counselor, teachers and parents.

Timelines

Students should work closely with their parents, teachers, and counselors to follow the suggestions outlined below. For additional help, students and parents are encouraged to contact the counseling staff.

9th Grade:

- Select classes that match your career interest. Learn about the extracurricular activities you can become involved in
- Work to your academic potential. Remember your semester grades and attendance becomes a part of your permanent record
- Make daily attendance a priority
- Discuss your future goals with your counselor
- Update your EDP
- Investigate summer programs
- Job Shadow

10th Grade:

- Consider taking the PSAT/NMSQT in the fall if you plan to attend a four-year college.
- Visit career and college fairs
- Think about your post-secondary options – apprenticeships, technical schools, college, military and work
- Keep your grades up, so you can have the highest GPA and class rank possible
- Look at challenging course options for your junior year, including higher levels of math, science, and English
- Attend the sophomore visitation at the Tech Center and consider a class for next year.
- Update your EDP
- Investigate summer programs/employment opportunities
- Find out the entry requirements for post-secondary schools and select your classes to meet those requirements
- Job shadow

11th Grade:

Students planning to attend college should take the PSAT/NMSQT in October and the ACT and/or SAT in the spring. Take practice tests and attend a workshop for better preparation.


- Attend the College/Trade & Tech night in the fall
- Speak with the representatives from post-secondary schools who visit THS
- Update your ED

- Athletes should learn the NCAA academic eligibility requirements and take classes to meet the requirements
- Find extracurricular activities to become involved in
- Find a volunteer opportunity in a career field that interests you
- If you plan to continue your education after graduation, visit the campuses of your top five post-secondary schools during school vacations
- Students not planning to attend a postsecondary school should investigate the job market, military options, or apprenticeship programs
- Job shadow

12th Grade:

- Continue to work on your grades and extracurricular activities. Make sure you have the courses required for graduation. Meet with your counselor to review requirements and post-secondary plans
- Retake the ACT or SAT if necessary
- Athletes planning to compete at a Division I or II college should file NCAA clearinghouse form
- Check weekly in the Counseling Center for new scholarship information
- Obtain applications in the counseling center, by mail, or via the internet for post-secondary schools that interest you. Complete and mail them before Thanksgiving. Make sure you apply to at least one school you can afford and where you will be accepted
- Attend the financial aid night in October for information on applying for aid. Complete and send the FAFSA application by the March 1st due date
- Review your EDP to see if there is anything more you can add. Use the information to build a resume
- Complete local scholarship applications in March
- Compare financial aid package from post-secondary schools to which you have been accepted
- Maintain good attendance and grades
- Job Shadow
- Congratulations! You are about to begin the greatest adventure of your life, Good Luck.

VALUABLE WEBSITES FOR CAREERS, EDUCATION & FINANCIAL AID

Follow us on Twitter  :
@THSGOTEAM
@TecumsehHigh

www.tps.k12.mi.us

Official site of Tecumseh Public Schools. Includes pages for each THS teacher, Student Services (Guidance Office), athletics and more. Also includes important links to Home Access Center and scholarships.

www.hac.lisd.us

Home Access Center (HAC) – student information site where students and parents may monitor grades, classwork and attendance. **All report cards must be viewed on HAC. Report cards are not mailed.**

www.collegeboard.org

Contains unbiased, free information on colleges, universities and training programs. Offers an excellent comparison tool between schools.

www.fafsa.gov

Official site on the Free Application for Federal Student Aid (FAFSA) contains frequently asked questions and a guide to completing the form. The FAFSA is available to seniors beginning on Jan. 1 and must be filed electronically.

www.collegeview.com

Contains a college search, career information, and financial aid possibilities, you must get a registration card with the THS ID number from your counselor to access all parts of this site.

www.mois.org

Michigan Occupational Information System reviews over 2000 careers, detailed information on most post-secondary schools in Michigan.

www.lenaweecef.org

Local scholarship information for county graduates.

<http://usa.cx.bridges.com>

On-line career-life exploration and planning system.

www.careercruising.com

Career Cruising is a self-exploration and planning program that helps people of all ages achieve their potential in school, career and life.