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Trimester Schedule

The trimester schedule consists of three terms where students will take 5 classes each term. Students will be able to earn a total of 15 credits each school year. Each term will be approximately 60 school days in length. Advanced Placement and some performance classes will run for 3 trimesters; all other classes will be either 1 trimester or 2 trimesters in length.

Advantages of a trimester schedule

- Students will only have to focus on 5 classes each trimester.
- Gives students more opportunities to retake classes failed in the same year
- Allows for Advanced Placement and performance classes to run for 3 trimesters

Trimester Schedule Set-up			
Hours	1 st Trimester	2 nd Trimester	3 rd Trimester
1 st Hour	1	6	11
2 nd Hour	2	7	12
3 rd Hour	3	8	13
4 th Hour	4	9	14
5 th Hour	5	10	15

Example 9 th Grade Schedule			
Hours	1 st Trimester	2 nd Trimester	3 rd Trimester
1 st Hour	Eng. 9	Eng. 9	World Hist. Geo.
2 nd Hour	Alg. I	Sci. 9	Sci. 9
3 rd Hour	World Hist. Geo.	Alg. I	Career Exploration
4 th Hour	C Band	C Band	Prin. of Tech.
5 th Hour	PE/Health	Prin. of Tech.	PE/Health

SENIOR CHECK LIST

September	If necessary, adjust schedule.
	Check credits for graduation.
	You should register to retake the ACT or SAT if needed. December is the last chance for <i>Michigan Competitive Scholarship</i> consideration.
	Watch for monthly senior scholarship newsletters; consider completing the scholarship search on <i>FastWeb</i> ; apply during the year for specific scholarships.
	Update your Career Cruising EDP.
October	Set up college visitations through the student services office.
	Plan to visit as many college representatives as you can. They will help you become familiar with the different colleges and what they have to offer.
	Complete college applications; watch for deadlines.
	Attend <i>College Fair</i> at Hastings High School.
November/ December	If college is not in your career plans, you should begin procedures for other placement options. Prepare resume for job placement and interview. The <i>Student Services Department</i> has material to help you with this program.
January	Financial Aid Forms, <i>FAFSA (Free Application for Federal Student Aid)</i> , should be submitted between January 1 and February 15 for full consideration. You may apply free online at www.fafsa.ed.gov or you may pick up forms in the guidance office after January 1.
	Attend <i>Financial Aid Night</i> at high school for assistance in filling out <i>FAFSA</i> .
	<i>Thornapple Area Enrichment Foundation</i> offers many local scholarships online at www.barrycf.org . Students must register online for these scholarships by April 1.
February/April	Avoid "senioritis" - senior grades are very important and may mean the difference if you get accepted to the college of your choice or not.
	Watch deposit deadlines for colleges. If a deposit is required and you have not heard from the college, consult a counselor.
	April 15 - students should receive all notifications of admissions and financial aid awards by this

		date. If the decision is "wait-list" or "deterred," consult a counselor.
		Look for employment, internships, or volunteer positions for the summer.
May		Most colleges have a May 1 acceptance/reply deadline by which you should confirm with a deposit.
		Send thank you notes to teachers and others who wrote you recommendations.
June		Send thank you notes to scholarship programs that have given you aid.

JUNIOR CHECK LIST

September		If necessary, adjust schedule.
		See counselor to check for credits and to start finalizing career options.
		Start preparing for the ACT. Check dates for ACT testing if you desire to take "practice" tests before or additional tests after the administration of the March <i>Michigan Merit Exam</i> that includes the statewide testing of the ACT.
		Update your Career Cruising EDP.
		Consider completing the <i>FastWeb</i> scholarship search.
October		Plan to take the PSAT/NMSQT test offered at TKHS. PSAT scores are used by the National Merit Program for academic scholarships and recognition of commended students and finalists.
		Meet with college representatives and become familiar with the school you plan to attend. If possible, begin making college visitations; set up an appointment to talk with a college/university counselor.
		Attend <i>College Fair</i> at Hastings High School.
January		Start thinking about college majors related to your interests and career goals.
March		All juniors will take the Michigan Merit Exam (MME) that includes the ACT.
April		Begin narrowing down your choice of colleges.
May		Apply for certain highly competitive positions: military academies, nursing programs, certain technical areas. If you have any questions, see a counselor.
June		If you have not done so, make a visit to the colleges of interest. Most colleges operate during the summer, allowing one to visit and view college life in operation.

GRADUATION REQUIREMENTS

1. One unit of credit will be granted for each trimester class when a student passes a class (grade of D- or higher for the trimester).
2. All students must take five credits of work and an academic center each trimester.
3. Any failure in required courses must be made up at the first possible opportunity.

Graduating classes will need **52 credits** of work including the following required classes from the **Michigan Merit Curriculum** to meet graduation requirements. Any failure of the following **Michigan Merit Curriculum** required courses must be made up at the first possible opportunity.

Michigan Merit Curriculum High School Graduation Requirements	
Mathematics - 8 credits taken while enrolled at the High School (4 years)	
If you have earned high school credit at the middle school, you are still required to take 4 years of math at the high school.	
Algebra I	Algebra II
Geometry	Two math and/or related credits in final year of high school
English Language Arts - 8 credits (4 years)	
English Language Arts 9	English Language Arts 11
English Language Arts 10	English Language Arts 12

Science - 6 credits taken while enrolled at the High School (3 years)	
If you have earned high school credit at the middle school, you are still required to take 3 years of science at the high school.	
Biology I	One additional year of science (2 credits)
Physics or Chemistry	

Social Studies – 6 credits (3 years)	
World Historical Geography (1 year, Part A and Part B)	Economics - 1 credit
US History/Geography (1 year, Part A and Part B)	Government – 1 credit
Physical Education/Health - 2 credits (1 year)	
Visual, Performing and Applied Arts - 2 credits (1 year)	
Online Learning Experience	
Course, learning or Integrated Learning Experience Career Exploration and Computing Skills Class (required of all 9 th graders) (fulfills computer requirement)	

GENERAL INFORMATION

Earning Course Credit:

Students earn one unit of credit for successful completion of each trimester class. Credit is earned by successfully completing all course requirements as established by the teacher and completion of the final examination. Credit will be earned if student receives a grade of D- or higher.

Academic Load:

The class load is five (5) credits each trimester.

Adding/Dropping Courses:

Changes of schedules must be completed within the first week of each trimester. Students will need to fill out a “Permission-to-Change-Class” form from the guidance office. Changes occurring after the 1-week period will require administrative approval. Students who drop a course after the 1st week will show an “F” on their permanent record. In the case of exceptional circumstances, the student requesting a change and his/her parent will need to meet with the counselor and principal to discuss the change.

Repeating Courses: A course may be repeated only when a student has previously received an “F”. If a student fails a course and retakes the subject, both the “F” and the improved grade will be computed in a student’s grade point average and his/her honor points.

Any failure in a required course must be made up at the first possible opportunity.

If a student wishes to take a course but has failed the subject that is a prerequisite, the failure must be made up before taking the next course.

Honor Roll

The honor roll is divided into three categories:

High Honors = Students with a grade point average of 3.7 and above

Honor Students = Students with a grade point average of 3.5 to 3.699

Honorable Mention = Students with a grade point average of 3.0 to 3.499

SCHEDULING PROCEDURE

Students should take special care when filling out their school course plan. Students should put down their first fifteen course selections. Every student will need to have at least four alternate course selections on his/her plan.

Students will not have the opportunity to choose the instructor or hour in which they wish to have a certain class. All course selections for all students will be done by the computer. The computer will try to schedule a student’s first fifteen choices; if this is not possible, then it will use alternate course selections in order to fill a schedule.

The Student Services Department will not be changing schedules in order to meet students’ wishes for certain teachers or hours.

GRADING PROCEDURE

Regular Grading System

A	=	4.0
A-	=	3.7
B+	=	3.3
B	=	3.0
B-	=	2.7
C+	=	2.3
C	=	2.0
C-	=	1.7
D+	=	1.3
D	=	1.0
D-	=	.70
F	=	.00

AP Grading System

A	=	5.0
A-	=	4.7
B+	=	4.3
B	=	4.0
B-	=	3.7
C+	=	3.3
C	=	3.0
C-	=	2.7
D+	=	1.3
D	=	1.0
D-	=	.70
F	=	.00

TESTING OUT

Legislation requires alternatives to earning high school credit. The *State School Code* provides the opportunity for any high school student to “test out” of any course. The “test out” option does not include those courses in which students are enrolled. Students will be allowed, however, during their high school experience to “test-out” of any curricular offering. All student requests to test-out will need prior approval from the testing out committee.

Students will need to exhibit mastery of the subject matter by attaining a grade not less than C+ on a final exam. In place of or in addition to the final exam, students also may be required to demonstrate mastery through the basic assessment used in the course, which may consist of a portfolio, performance, paper, project, or presentation, etc.

“Testing out” courses will be recorded on official transcripts as CR/NC, will count toward the total credit graduation requirement, and will not be included in the computation of grade point average.

Students may obtain a Thornapple Kellogg High School Request to “Test-Out” form from the high school student services office. Students will then receive information for each “test out” course that may include a syllabus, course outline, course objective and expected outcomes if they are available. Texts and related materials may be made available to students upon request.

If you have questions or concerns, please contact the high school student services office, 795-5428.

Testing-out procedures are posted on the student services website.

DUAL ENROLLMENT

Dual Enrollment is an opportunity for student to take classes at a post-secondary institution while still attending high school. A student will be eligible if the following criteria are met:

1. The parameters for eligibility will be determined by scores on the PLAN test, PSAT test, or the MME (Michigan Merit Exam).
2. The course taken at the postsecondary institution cannot be in the area of hobby, craft, recreation, physical education, theology, divinity, or religious education.
3. The course cannot be offered at the high school. The student must exhaust TKHS offerings in the subject area.
4. Student must meet, but cannot exceed, the number of hours, including college courses, required for full-time status at the high school with the exception of 2nd trimester when students will be fully enrolled in 5 courses at TKHS.
5. Students wishing to apply for Dual Enrollment must meet with the student services counselor to get initial information. Students will be enrolled in a full schedule at TKHS until **all paperwork** has been **completed and turned in** for dual enrollment at which time release hour/hours will be provided.

CAREER PATHWAYS

A world of possibilities awaits you after high school . . . WILL YOU BE READY?

High school is a time for planning one's future. Choosing a career is a difficult task. Today's job market demands a highly skilled work force since new jobs require at least one or more years of education after high school. The courses you select in high school can greatly assist in your future career development.

Goals are essential to your career. They serve like a road map, giving you a destination and a route. Without a concrete career path, you will go where people tell you, not necessarily where you want to go.

There is no better time to plan for your future than now. To help you along the way, you should complete a four-year high school plan using graduation course requirements and electives that support your career pathway. As you gain new experiences, you may find that you will need to revise your plan. Remember that this plan should reflect *your* interests and abilities and should be *INDIVIDUALIZED TO MEET YOUR NEEDS*.

Consider the following recommendations as you plan your high school course of study:

- **Identify your interests and abilities.**
- **Talk with teachers and counselors for course selections and recommendations.**
- **Use the *TKHS Curriculum Guide* to learn more about high school courses.**
- **Look at the career and college resources in the guidance office and library.**

To be most helpful, you need to *INDIVIDUALIZE* this plan to your specific interests and skills. Your counselors encourage you to select courses which will academically challenge you.

Career pathways show required and recommended courses to help students develop a career plan. The pathway varies depending on the student's occupational interest. These defined pathways help focus a student's time spent in high school while preparing for his/her future goals. Career pathway guides are available in the following six career **areas**:

<i>Arts & Communication</i>	<i>Human Services</i>	<i>Health Sciences</i>
<i>Business, Management & Marketing Technology</i>	<i>Engineering/Manufacturing & Industrial Technology</i>	<i>Natural Resources and Agriscience</i>

As part of each student's *EDUCATIONAL DEVELOPMENT PLAN (EDP)*, the student should review his/her plan and update goals at least once a year. If a student changes career goals, the other pathway guides will be useful in career research and planning.

The role of electives in career pathways is very important. High school electives are an essential part of planning for the future because they represent exploration and enrichment. Students can enroll in electives for free in high school, taking time to explore subject areas that are interesting and for which they may possess an undiscovered aptitude. With electives in their curriculum, students gain prior knowledge and confidence from a high school experience that could direct them to a career they might not have otherwise considered. In addition while core academic courses are a must, electives provide places where students can develop other aspects of their personalities and talents that are equally important.

CAREER PATHWAYS ARE:

1. Clusters of careers grouped because people in them share similar interests and strengths.
2. A variety of related occupations that require different levels of education and training.
3. A means to provide students with an area of focus, along with flexibility, and a variety of ideas to pursue.
4. A systematic plan for a focused high school education leading into a chosen career area.

CAREER PATHWAYS OFFER:

1. A career development plan for all students, regardless of their interests, abilities, talents, or desired levels of education.
2. Basic skills for all students, regardless of the level of education or training that individuals choose to attain.
3. A variety of specific occupational choices, each requiring different levels of education and training.

4. Maximum flexibility in the career decision-making process, allowing students to move between pathways at any time without a gap or penalty.
5. A way for students to discover the relevance of their selected school courses to actual occupations and careers.
6. An opportunity for students to assess their own performance, improve where necessary, and attain personal and career goals.

ENGLISH

The new Michigan High School Content Expectations implemented state-wide in Fall 2007 reflect best practices and current research in the teaching and learning of English language, the craft of writing, and literature. These standards and expectations represent a vision for a rigorous and relevant high school experience for all Michigan students with special attention being paid to national research and support for the skills that prepare students for successful post-secondary engagement in college and the workplace. The English Language Arts Standards are built upon the expectation that students will engage in broad reading and writing experiences to encompass literary texts, nonfiction literary texts, and other informational texts. Within Michigan’s continued commitment to the wide range of academic rigor and mastery needed by successful English Language Arts graduates, these expectations incorporate a new emphasis on informational text comprehension and workplace reading/writing skills.

English Sequence

8 credits earned at the High School are required for graduation	
English 9	Honors English 9
English 10	Honors English 10
English 11	A.P. Literature and Composition
College English or Senior Novels	A.P. Language and Composition

All TKHS English courses follow the new Michigan Merit Curriculum state standards and Language Arts High School Content Expectations (HSCE’s) as required by the Michigan Department of Education.

*You may select English electives to take for elective credit.

English 9 (1050 & 1054)

2 Trimesters

The goal for English Language Arts Grade 9 is to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English 9, students will be introduced to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Ninth graders will connect with and respond to texts by analyzing relationships within and across families, communities, societies, governments, and economies. In addition, students will explore and practice writing various genres using the writing process. Through the lens of Inter-Relationships and Self-Reliance, they will consider how they build relationships, how their relationships impact others, and their responsibility to society.

Grade - 9

Honors English 9 (1150 & 1154)

2 Trimesters

This Honors course is designed for the motivated 9th grade English student planning to take A.P. English in his/her junior and senior years. Class size is limited. Teacher recommendations and standardized test scores will be utilized in selecting qualified students. Final admittance will be at the invitation of the TK High School English Department. This class will follow the National College Board Vertical Alignment sequencing for Advanced Placement English courses. Students must maintain a reasonable standard to remain in the Honors program. This class will meet and exceed the 9th grade HSCE’s for this grade level as required by the State of Michigan. **SUMMER READING AND COURSEWORK WILL BE REQUIRED.**

Grade - 9

English Essentials

1 Trimester

This course is designed for 9th through 11th grade students identified as needing help in reading, writing, and communication skills. Students will meet a variety of language arts standards, in addition to developing skills tested on the Michigan Merit Exam. Particular emphasis will be placed on comprehension, vocabulary acquisition, and specific reading skills and strategies, and lessons will be individualized for student’s particular needs. Enrollment in this class will be determined by previous standardized test scores, the Scholastic Reading Inventory (SRI), and previous English/Language Arts teacher recommendations. English Essentials will be taken in conjunction with regular English classes.

Grade - 9, 10, 11

English 10 (1250 & 1254)

2 Trimesters

The goal for English Language Arts Grade 10 is to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English 10, students will be introduced to the various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Tenth graders will connect with and respond to texts through critical response and stance. They will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social actions 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.

Grade - 10

Honors English 10 (1260 & 1264)

2 Trimesters

This Honors course is designed for the motivated 10th grade English student planning to take A.P. English in his/her junior and/or senior years. Class size is limited. Students taking Honors English 9 who earn an appropriate grade of B or higher AND have a teacher recommendation may sign up for this course. Those who did not take Honors 9 and would like to register for Honors 10 will require their 9th grade teacher's recommendation. Final admittance will be at the invitation of the TK High School English Department only. This course may include enrichments in the areas of fine arts, humanities, and technology. This class will follow the National College Board Vertical Alignment sequencing for Advanced Placement English courses. Students must maintain a reasonable standard to remain in the Honors program. This class will meet and exceed the 10th grade level as required by the State of Michigan. **SUMMER READING AND COURSEWORK WILL BE REQUIRED.**

Grade - 10

English 11 (1280 & 1284)

2 Trimesters

The goal for English Language Arts 11 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English Language Arts 11, students will add to the list of various genres of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school with a special focus on British and World literature and ACT success. Eleventh graders will connect with and respond to texts through transformational thinking. They will learn to use forward thinking to help make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for the future.

Grade - 11

College English (1550 & 1554)

2 Trimesters

The goal for English Language Arts 12 is to refine, apply, and extend the solid foundation of knowledge, skills, and strategies developed in English Language Arts 9 through 11. Using the lens of leadership skills, English Language Arts 12 students will develop a world perspective by analyzing classic and contemporary texts in a variety of genre, including post-colonial literature. Twelfth graders will synthesize information, ideas, and themes to understand the past, the present, and to think innovatively about the future. They will identify and apply their own leadership skills and prepare for responsible action as American citizens in the context of a global world. Skills learned will focus on college preparation. This class is for seniors only.

Grade - 12

Novels and Writing for Seniors (1400 & 1404)

2 Trimesters

In this course seniors will read meaningful novels, study issues relevant to society and complete a variety of writing experiences, class discussion and collaborative projects. Focus will be on the global issues, reading, writing, and speaking skills necessary for being successful in society and the workplace. This class is for seniors only.

Grade - 12

Advanced Placement Literature (1720, 1722 & 1724)

3 Trimesters

Advanced Placement Literature is a college level, introductory course in the reading and critical analysis of literature. The course is concerned with language as a symbolic process and with literature as experience preserved in language. Close readings, survey readings, in-class writings, out-of-class writings, a summer reading program, and the Advanced Placement Literature Exam in May are all important aspects of this class. Students who are deeply motivated readers and who have received at least grades of "B" or better in English classes will be most successful in this course. Teacher recommendation is required and final admittance will be at the invitation of the TK High School English Department. Successful completion of Advanced Placement Exam can be used as college credit for many colleges. **SUMMER READING AND COURSE WORK WILL BE REQUIRED. This course will be offered this year; and will be offered on alternating years.**

Prerequisite - Teacher recommendation and approval of instructor

Grade - 11, 12

Advanced Placement Language and Composition (1750, 1752 & 1754)

3 Trimesters

This is a college level, introductory course. Advanced Placement Language and Composition is an intense study of language requiring students to read and analyze literature and nonfiction. Using the writing process, students will write many types of expository essays including definition, process, personal, persuasive and compare/contrast. Students will use a variety of essays, novels, poetry and plays as a basis for learning literary styles and techniques. This class is designed to prepare students for college classes and for the Advanced Placement Language and Composition Exam in May. Students who are deeply motivated readers and who have received at least grades of “B” or better in English classes will be most successful in this course. Successful completion of Advanced Placement Exam can be used as college credit for many colleges and universities. Highly motivated students meeting the prerequisites and requirements are invited to apply. Teacher recommendation is required and final admittance will be at the invitation of the TK High School English Department. **SUMMER READING AND COURSE WORK WILL BE REQUIRED. This course will not be offered this year; and will be offered on alternating years.**

Prerequisite - Teacher recommendation and approval of instructor

Grade - 11, 12

Theater/Dramatic Arts I (1800)

1 Trimester

This course is designed for students who are interested in learning more about drama and theater. Students will read various plays and the textbook, The Stage and the School, to learn about the components of putting on a theatrical production, as well as study the history of theater. Participation in class, group, and individual activities is required. Students are also encouraged to attend a live theater production and to participate in one or more aspects of a TKHS production (acting, costuming, set construction, etc.). **This course does not fulfill English credit requirement. This course will not be offered this year; and on alternating years.**

Grade - 10, 11, 12

Theater/Dramatic Arts II (1806)

1 Trimester

This course is for students who would like to utilize their knowledge of theatrical productions (from Theater/Dramatic Arts I or prior experience in plays) and learn additional methods of acting and directing. Students will demonstrate these methods through performance of memorized monologues and scenes. **This course does not fulfill English credit requirement. This course will be offered this year; will be offered on alternating years. Theater/Dramatic Arts I is not a prerequisite for Theater/Dramatic Arts II.**

Grade - 10, 11, 12

Speech and Communication I (1820)

1 Trimester

This communication class is designed to give the student formal and informal speech communication skills and experience in the areas of communication theory and practice, speech making, listening and perception, interpersonal, intrapersonal, and group communication. This course is structured for active participation and interaction. The student will be involved not only in speech making but also in exercises and activities designed to promote communication skills. This course is specifically focused for those students who fear speaking in public as well as those who are interested in developing and improving personal communication skills. **This course does not fulfill English credit requirement. This course will not be offered this year; and on alternating years.**

Grade - 10, 11, 12

Speech and Communication II (1830)

1 Trimester

This course is designed for the student who would like to further acquire self-confidence and poise while continuing to develop formal oral communication skills. Emphasis will be placed on the organization, structure, research and delivery required in public speaking situations. The student will be encouraged to develop his/her own thoughts, feelings, and personal attitudes into an effective message to communicate with others. This course will also cover in theory and in practice: public speaking, the study of group communication and parliamentary procedure, communication and media/advertising, debate, oral interpretation and speaking for special occasions. This course will require participation in individual and group exercises and assignments to produce and deliver small group and multimedia presentations, speeches, debates, and related projects while concentrating on delivery and presentation skills. **This course will not be offered this year.**

Prerequisite: Speech I strongly recommended

Grade - 10, 11, 12

Creative Writing (1840)

1 Trimester

The aim of this class is to sharpen the powers of observation and to develop and improve skills in writing non-fiction, prose and poetry. This includes building a technical vocabulary to use in writing and in criticism. Evaluation is based not only on quality of work, but on quality of work ethic, level of positive participation in class workshops and other activities such as daily writing, journals, special writing, projects, discussion, and criticism. **This class does not fulfill English credit requirement.**

Grade - 10, 11, 12

Shakespeare (1850)

1 Trimester

In this class we will put the “play” - that is, the fun - back into Shakespeare! You will see and hear Shakespeare’s works as they were meant to be enjoyed - by being performed. In this class we will read comedies and tragedies and view cinematic and live productions. This class will make Shakespeare “understandable” and available to every student. Students will use these themes to make applications to their own lives, culture, history and our world today. This class will offer hands-on activities and the use of technology to produce class projects and enhance learning. This class will help all students understand and enjoy the works of the greatest playwright ever! **This class does not fulfill English credit requirement.** Grade - 10, 11, 12

MATHEMATICS

Math Sequence

8 credits of math must be earned at the High School for graduation Students must also be enrolled in a math class or math related class their senior year.	
Algebra I	Geometry
Geometry	Algebra II
Algebra II	Statistics, Pre-calculus or AP Statistics
Fundamentals of Math, Statistics, Pre-calculus, or AP Statistics	Advanced Placement Calculus

Algebra Concepts and Algebra 1A & 1B (3160, 3162 & 3164)

3 Trimesters

This course covers the same material as Algebra 1 A/B over a three trimester time period. The first trimester of this class will be called Algebra Concepts.
Prerequisite - Teacher recommendation Grade - 9, 10

Algebra I (3150 & 3154)

2 Trimesters

Algebra concepts covered in this course include: describing patterns, working with formulas, discussing unknowns in problems, functions and graphing. This class integrates geometry, statistics, probability, and technology into algebra. These topics are employed to motivate, justify, extend, and otherwise enhance important concepts of algebra.
Grade - 9

Geometry (3200 & 3204)

2 Trimesters

Geometry integrates algebra with geometry in both two and three dimensions. Students will practice: drawing skills, understanding properties, mathematical relationships, and proofs using geometric ideas in real situations and representing geometric concepts with coordinates, reflections and other diagrams.
Prerequisite - Algebra I Grade - 9, 10

Algebra II 1/2/3 (3240, 3241 & 3243)

3 Trimesters

This course covers the same material as Algebra IIA/B over a three trimester time period.
Prerequisite - Teacher recommendation Grade - 11, 12

Algebra II A/B (3250 & 3254)

2 Trimesters

This course is a second year of algebra taken over two trimesters. Topics covered will include algebraic expressions and forms, linear and quadratic forms, powers and roots, and functions based on these concepts. Students will study logarithmic, trigonometric, polynomial and other special functions both for their abstract properties and as tools for modeling real-world situations.
Prerequisite - Teacher recommendation Grade - 9, 10, 11, 12

Statistics (3340 & 3344)

2 Trimesters

This class provides an overview of statistical topics with an emphasis on preparing students for college level statistics. This course will prepare students through practical applications and real life models.
Pre-requisite - Algebra II A/B or teacher recommendation Grade - 10, 11, 12

Algebra and Geometry Concepts I (3026)

1 Trimester

This class provides an overview of Algebra and Geometry concepts with an emphasis on preparing students for college level math.

Grade - 12

Algebra and Geometry Concepts II (3028)

1 Trimester

This class provides an overview of Algebra and Geometry concepts with an emphasis on preparing students for college level math. Topics covered will be different from those covered in the Algebra and Geometry Concepts I course.

Prerequisite - Algebra I, Geometry, Algebra II or Teacher recommendation

Grade - 12

Pre-calculus (3350 & 3354)

2 Trimesters

Pre-calculus will help better prepare students for calculus. This course integrates the background students must have to be successful in calculus (advanced work with functions and trigonometry, an introduction to limits and other calculus ideas), with the discrete mathematics (number systems, combinatorics, recursion, graphs) helpful in computer science. Students are exposed to a wide range of models including linear, quadratic, higher-order polynomial, exponential, logarithmic, and trigonometric functions. Mathematical thinking (including specific attention to formal logic and proof), problem solving, and graphing technology are integrated throughout.

Prerequisite - Algebra II

Grade - 11, 12

Advanced Placement Statistics (3346, 3347 & 3348)

3 Trimesters

This class will be a full year study of statistics to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. In this course students will be exposed to the four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This class will prepare students for advanced placement in college. Students in this class have the option of taking the A.P. Statistics test for college credit.

Prerequisite - Algebra II

Grade - 11, 12

Advanced Placement Calculus (3400, 3402 & 3404)

3 Trimesters

This course will be a full year study of calculus. It will include the study of functions and their properties, limits, derivatives, and integrals. This class will prepare students for advanced placement in college. Students in this class have the option of taking the A.P. Calculus AB test for college credit.

Prerequisite - Pre-calculus

Grade - 11, 12

SCIENCE

Science Sequence

6 credits earned at the High School for graduation	
Science 9	Honors Biology
Biology I	Honors Chemistry or Physics
Chemistry or Physics	Science Elective Required

The state of Michigan requires all high school students to complete three (3) years of science including Biology and either Chemistry or Physics. The Science Department at TKHS has two course offerings for freshmen. Most freshmen will take Science 9. This course introduces students to both Chemistry and Physics. It is a college preparatory class. Course themes directly correlate with the MMC/MME. Geometry is strongly recommended for those students planning to enroll in Honors Biology. Students taking the Honors Biology class must have earned a “B” or better in Earth Science and must have instructor’s approval. These students generally have a strong interest in science and will be encouraged to take upper level Advanced Placement science classes later in their high school careers. The Science Department offers a wide variety of classes for 10-12 graders in the life sciences, chemistry and physics. Many of these classes can be taken concurrently, maximizing a student’s science experience.

Science 9 (4000 & 4004)

2 Trimesters

Science 9 is an introductory level science class that investigates the various aspects of physical science. Students perform many investigations using technology, chemicals and the surrounding environment. Connections between life and the scientific disciplines are explored and emphasized.

Grade - 9

Biology I (4150 & 4154)

2 Trimesters

The scientific method is applied in studying the following topics in the field of biology: ecology, cell structure, and function, cellular division, photosynthesis and respiration, and genetics.

Grade - 9, 10

Honors Biology (4160 & 4164)

2 Trimesters

This is a rigorous course that emphasizes critical thinking and inquiry. Topics covered include ecology, cell structure and function, cellular division, photosynthesis, respiration, energy flow and genetics.

It is recommended that freshmen enrolled in Honors Biology are also enrolled in geometry.

Prerequisite - A- or better in Science 9 or instructor approval

Grade - 9, 10

Chemistry (4190 & 4194)

2 Trimesters

This chemistry involves the study of real world chemistry topics by exploring the following: scientific method, scientists' tools, measurement, types and properties of matter, bonding, acids and bases, chemical reactions, behavior of gases, gas laws, atomic theory and structure, bonding, stoichiometry and solutions. In addition, students will complete weekly lab investigations relating to everyday topics. The importance of the scientific method, data collection, data reporting, and scientific writing is reinforced.

Prerequisite - Biology I

Grade - 10, 11, 12

Honors Chemistry (4200 & 4204)

2 Trimesters

Honors Chemistry involves the in depth and detailed study of a number of critical topics including but not limited to the following: Phases of Matter, Solutions, Thermodynamics, Reaction Kinetics, Acids/Bases, Oxidation/Reduction, Gas Laws, Stoichiometry, Atomic Structure, Periodicity, and Chemical Bonding. In addition, students will complete approximately 12 laboratories from varying topic fields. The scientific method, data collection, data reporting, and scientific writing will be content areas that are stressed. Quantitative emphasis will draw upon a student's math aptitude. **It is recommended that students are enrolled in Algebra II concurrently or higher.**

Prerequisite - Honors Biology or Instructor approval

Grade - 10, 11, 12

Physics (4250 & 4254)

2 Trimesters

Introductory physics will study the areas of mechanics, optics, heat, modern physics, waves and electricity. Although mathematics is involved in all of these areas, the understanding and application of underlying concepts is stressed the most. Students will be expected to think and reason for themselves rather than relying on memorizing facts. Much laboratory work is involved.

Prerequisite - Biology I/Honors Biology and Algebra I

Grade - 10, 11, 12

Zoology (4320 & 4324)

2 Trimesters

This junior/senior level class takes students on a tour of 10 different animal phyla beginning with the simple and moving toward the more complex. Students will gain an understanding of increased complexity within each animal phylum. Zoology focuses on cells, tissues and organ systems as well as the features that make each phylum unique. Associated topics include: Classification, Embryology, Animal Behavior, Ecology, Parasitism and Infectious Disease. This class involves approximately 5 dissections. Students opposed to dissections should consider other science opportunities. **This course will be offered this year; and will be offered on alternating years.**

Prerequisite - Biology I or Honors Biology with at least a "B" average

Grade - 11, 12

Genetics/Biotechnology (4350 & 4354)

2 Trimesters

This is a second year Biology course that covers the topics of biochemistry, cellular processes, genetics, biotechnology and bioethics. **This course will not be offered this year; and will be offered on alternating year.**

Prerequisites - Biology I or Honors Biology

Grade - 11, 12

Advanced Placement Biology (4460, 4462 & 4464)

3 Trimesters

The AP Biology course is designed according to the guidelines set forth by the AP College Board. AP Biology is the equivalent of a college introductory course. This course is designed for those students who are considering pursuing a career in science. Students will have the opportunity to earn college credit upon passing the AP College Board test.

Prerequisites - Biology I and Honors Chemistry or instructor approval

Grade - 11, 12

Advanced Placement Chemistry (4400, 4402 & 4404)

3 Trimesters

This course is designed to be the equivalent of the first year of college chemistry. Students will attain a depth of understanding of fundamental inorganic chemistry, while becoming competent in both qualitative and quantitative laboratory procedures. A.P. Chemistry students wishing to attain college credit would be required to pass the national advanced placement chemistry exam at the completion of the course.

Prerequisites - Honors Chemistry or instructor approval

Grade - 11, 12

Advanced Placement Physics (4450, 4452 & 4454)

3 Trimesters

This course incorporates topics in classical and modern physics including mechanics, electricity, magnetism, kinetic theory, thermodynamics, waves, optics and modern physics. The major goal of this class is the use of a problem solving approach while preparing for the advanced placement exam in May. This is a class for students interested in pursuing careers in engineering, physical sciences, life sciences, architecture, mathematics, pre-medicine and some applied sciences.

Prerequisites - Pre-calculus or concurrent with "B" or better, Chemistry recommended, and/or approval of instructor
Grade - 11, 12

Anatomy and Physiology (4500 & 4504)

2 Trimesters

A rigorous life science course offered to juniors and seniors who have successfully completed Biology I and Chemistry. This course is an in-depth study of human form and function with emphasis placed on the following topics: anatomical terminology, cells and tissues, skin and integumentary system, skeletal system, muscle system, nervous system, cardiovascular system and digestive system. Anatomy and Physiology includes a detailed dissection of a cat. If you have any reservations about dissection, please see Mr. Pullen before making a decision about taking this course.

Prerequisites - Biology I and Chemistry recommended
Grade - 11, 12

SOCIAL STUDIES

Social Studies Sequence

6 credits are required for graduation.
World Historical Geography (2 Tri's)
U.S. History/Geography (2 Tri's)
Economics (1 Tri)
Government (1 Tri)

World Historical Geography (2000 & 2004)

2 Trimesters

The first half of this course will be taught with a historical perspective and cover the fall of Rome through the French Revolution and will include geography where applicable. The second half of this course will be taught with a historical perspective and cover the French Revolution to present and will include geography where applicable.

Grade - 9 (Required)

U.S. History/Geography (2150 & 2154)

2 Trimesters

This course will cover the history of the United States from 1877 to the present and will include geography where applicable.

Grade - 10 (Required)

Government (2500)

1 Trimester

In Government emphasis is placed on the examination of current political issues and their relationship to possible governmental solutions. The three branches of Government and State and Local governments are a part of this course. The election process will also be included.

Grade - 12 (Required)

AP U.S. History (2200, 2202 & 2204)

3 Trimesters

This course is a survey in United States history from the time of the European explorers in North America to the 1990's. It requires a great deal of outside reading (both textbook and primary sources), writing (numerous historical essays and persuasive public-policy papers), and major projects (historical book reviews and a comparative biography). The main objective is to prepare students to take the Advanced Placement Exam which is administered in May. This offering is presented as a first-year college history course, and class grading will be done with this college-level focus in mind.

Prerequisites - U.S. History teacher's recommendation and instructor's approval.
Grade - 10, 11, 12

Law (2250)

1 Trimester

The objectives of this course include a practical understanding of the fundamental principles and values underlying of Constitution, laws and legal system. Topics covered will be: introduction to the legal system, criminal law and juvenile justice, civil law, consumer law and family law. The goals of the course are: to promote awareness of current issues and controversies relating to law and the legal system, to bring about a greater sense of justice, tolerance and fairness, to develop a willingness and an ability to resolve disputes through informal and formal methods, to improve

understanding the roles that law, lawyers and law enforcement officials and the legal system play in our society, and to improve basic skills, including critical thinking and reasoning, communication, observation and problem solving.

Grade - 10, 11, 12

Psychology (2350)

1 Trimester

The Psychology section is an introductory course designed to acquaint students with the understanding of individual behavior and personality. Various theories of psychology will be explained to introduce students to this broad field of study. **Davenport University credit is possible.**

Grade - 11, 12

Sociology (2400)

1 Trimester

In Sociology the student is introduced to the study of group behavior and the importance of cultural heritage and change. Also emphasized will be the importance of cultural influence on personality and the different concepts of social interaction. **Davenport University credit is possible.**

Grade - 11, 12

Economics (2450)

1 Trimester

This course is designed to give the student a basic understanding of the five strands of economics recommended by the Michigan Framework for Social Studies Education. These strands will include: Individual and Household Choices, Business Choices, Role of Government, Economic Systems, and Trade.

Grade - 11 (Required)

AP Microeconomics (2460, 2464)

2 Trimesters

The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The focus of this course is to prepare students to take the Advanced Placement Exam which is administered in May. Passing this exam will allow students to earn college credit. AP Economics may be taken in place of or in addition to regular economics. **Two credits must be earned in AP Microeconomics to fulfill Economic requirement.**

Grade - 11, 12

Global Issues (2470)

1 Trimester

Students will investigate the modern problematic issues facing our world and propose possible solutions. Through research, analysis, discussion, and persuasive writing, students will identify the geographic, historical, economic, cultural, and social factors relevant to these global issues. Finally, students will analyze current U.S. and global events as they happen.

Grade - 11, 12

AP Government (2552 & 2554)

2 Trimesters

This course is designed to give students an analytical perspective on government and politics in the United States. The content would study both general concepts and specific case studies used to interpret United States politics. The curriculum would also require familiarity with the various institutions, groups, beliefs and ideas that constitute the reality of American politics and government. The main objective of this course is to prepare students to take the AP Exam which will be administered in May. **This course will not be offered this year.**

Prerequisites - B or better in Civics and US History. Application and teacher signature required.

Grade - 12

Physical Geography: Weather & Climate (2558)

1 Trimester

Students will investigate and describe what makes up weather and how it changes from day to day, from season to season and over long periods of time; explain what causes different kinds of weather; and analyze the relationships between human activities and the atmosphere. Students will also describe, compare, and explain the locations and characteristics of ecosystems, resources, human adaptation, environmental impact, and the interrelationships among them. Included will be the studying of the earth's atmosphere, hydrologic cycle, air masses and fronts. Students will use technology to forecast the weather and create a forecast on the TK website.

Prerequisite - World Historical Geography "B-" or better; Algebra preferred

Grade - 10, 11, 12

AP World History (2600, 2602 & 2604)

3 Trimesters

AP World History will develop students' understanding of the evolution of global processes in interaction between different types of human societies. This understanding is advanced through a combination of factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks, their causes and consequences, as well as comparisons among major societies. The course emphasizes factual knowledge in conjunction with leading historical interpretations and evaluation of the types of historical evidence. European history

will comprise a maximum of 30% of the course. Analytical essay writing, along with analysis of secondary and primary documents will be major components of the course.

Prerequisite: Minimum "B" in sophomore required United State History A and B.

Grade - 11, 12

ART

The study of art will allow a student to explore the visual world and a variety of cultures. It will assist the student's ability to communicate visually, verbally, and in writing. The following courses are offered at the high school: General Art, Drawing & Painting, Drawing & Printmaking, Sculpture, Ceramics, Graphic Communications, Advanced Art and Portfolio, Advanced Painting, Fiber Arts, Advanced Ceramics and Photography & Design.

General Art (6000)

1 Trimester

This course is designed to introduce the student to art through history, aesthetics, and studio experiences. The objectives of the course will be accomplished through two-dimensional and three-dimensional projects using a variety of media. General art explores art history and includes discussions and research projects using masterpieces of art.

Davenport University credit is possible.

Grade - 9, 10, 11, 12

Drawing & Painting (6050)

1 Trimester

Drawing and Painting will introduce students to a wide range of drawing and painting media. This course emphasizes the skills necessary for drawing as well as creative development. Students may need to purchase some supplies.

Prerequisite - General Art

Grade - 9, 10, 11, 12

Drawing & Printmaking (6054)

1 Trimester

Drawing and Printmaking expands on the drawing skills from General Art and integrates them with a variety of printmaking techniques. Work from masters of drawing and printmaking will be a resource for design and methods. Students may need to purchase some supplies. **This course will not be offered this year.**

Prerequisite - General Art

Grade - 9, 10, 11, 12

Sculpture (6100)

1 Trimester

This course emphasizes three-dimensional media. The student will explore a variety of media techniques and tools used to create three-dimensional works of art as well as the work of master sculptors to inspire design. Students will be asked to collect a variety of found objects needed to complete many of the projects. **This course will not be offered this year; and will be offered on alternating years.**

Prerequisite - General Art

Grade - 9, 10, 11, 12

Ceramics (6120)

1 Trimester

This course expands on the concepts of three-dimensional design through clay. Works of art will be constructed through various hand-building techniques and on the pottery wheel. Concepts of aesthetics and art history will be explored.

Prerequisite - General Art

Grade - 9, 10, 11, 12

Graphic Communications and Computer Graphics (6152)

1 Trimester

This course emphasizes the importance of visual communication. It explores a variety of media and techniques used to communicate with a mass audience. The course work involves creating designs both by hand and through computer imagery. Students many need to purchase some supplies.

Prerequisite - General Art

Grade - 10, 11, 12

Advanced Art and Portfolio (6200)

1 Trimester

This class is designed for art students who wish to continue studying art after high school. Students will focus on the skills and techniques necessary for college admission. Additionally, student artists will explore personal expression and communication through the visual arts. **This course will be offered this year; and will be offered on alternating years.**

Prerequisite - General Art and Drawing & Painting

Grade - 11, 12

Advanced Painting (6210)

1 Trimester

In Advanced Painting students will build on the skills learned in Drawing & Painting and Drawing & Printmaking. Advanced techniques in oils, watercolors and acrylics will be explored on a larger scale. In addition, the use of new tools and equipment in the various painting media will be used. Students will explore the techniques of historical and

contemporary artists as well as their place in art history. It is recommended that students purchase and maintain some of their own equipment. **This course will be offered this year; and will be offered on alternating years.**

Prerequisite - General Art and Drawing & Painting

Grade - 10, 11, 12

Fiber Arts (6230)

1 Trimester

Fiber Arts is an introduction to textiles, weaving and design. This class will explore a variety of fiber media and methods of construction. The principles of design and the elements of art will be applied to the various methods of design and construction. Students will explore the techniques of historical and contemporary artists as well as the role of fiber art throughout history. **This course will be offered this year; and will be offered on alternating years.**

Prerequisite - General Art

Grade - 9, 10, 11, 12

Photography & Design (6240)

1 Trimester

Photography and Design will explore the role of design in the photographic media. The principles of design and the elements of art will be used to enhance the process of photography. This class will concentrate on design, the effective use of cameras, and darkroom and digital techniques. Students will explore the techniques of historical and contemporary artists as well as their place in art history. It is recommended that students have access to a 6mp digital camera.

Prerequisite - General Art

Grade - 10, 11, 12

BUSINESS AND COMPUTING

***K-MAP Programs (college credit):** Classes are articulated with Grand Rapids Community College. Students successfully completing K-MAP programs may qualify for college credit with instructor approval.

Career Exploration and Computing Skills (7010)

1 Trimester

This course will address the knowledge, skills, and behaviors all students need to live, plan, and work successfully in today's society. In class students will utilize online resources, computer software, and print materials as a means of meeting course objectives.

Career Exploration:

Students will develop short and long-term goals related to his/her recommended Michigan Career Pathway. This process will include:

- Self assessment
- Researching and exploring careers and their educational requirements
- Completing an Educational Development Plan (EDP)

Employability & Computing Skills:

The employability skills will include the following:

- Learn and utilize MS Office application concepts
- MS Office application assessments
- Conduct successful job searches
- Create a letter of application, résumé, and references
- Learn and practice the employment application process
- Learn and practice interviewing skills and etiquette
- Learn and practice work habits and time management skills
- Read *The 7 Habits of Highly Effective Teens* to learn listening, teamwork, organizational, decision-making, problem solving skills
- Evaluate current employment articles

Note: *This course satisfies the Michigan Merit Curriculum (MMC) On-line learning component by using Moodle, Google Docs, Career Cruising and SAM (Skills Assessment Manager assessment software for MS Word and Excel)*

Prerequisite - None

Grade - 9 (Required)

Computer Skills for the 21st Century (7006)

1 Trimester

In this Moodle-based course, students will develop valuable 21st century computer and technology skills needed to perform advanced tasks, in industry-standard office and business software, to solve business applications. This software includes spreadsheet and word processing software. In addition, students will be introduced to database systems and will be enabled to polish their electronic presentation skills. This course is designed to help students understand how to use personal computers and integrated software in performing real-world business tasks. Word

processing skills developed include editing using peer review tools, document formatting for report writing and business communications which incorporate charts, tables and other graphic design features. Spreadsheet skills developed include setting up spreadsheets, creating advanced graphs, and using advanced functions and formulas. Presentation skills developed will include learning how to prepare and deliver an effective presentation within various environments. Database skills introduced include how to create and manipulate databases to solve business applications. The course begins with the basic structure and configuration of tables, queries, forms, and reports. Other skills taught and utilized in this class will include Current Technology trends such as various social networking media, Google Docs, Google Calendar, Adobe Flash, Adobe Acrobat, and Windows Movie Maker as time permits. This class also gives students the opportunity to prepare for Microsoft Office Certifications by offering *SAM (Skills Assessment Manager) Tests for Microsoft® Office 2007*. Upon completion students will have the opportunity to take the *Microsoft Application Specialist Certification Exam*. This certification is highly regarded in the business community and offers students an attractive credential for their resumes.

Davenport University and GRCC credit possible

Grade - 9, 10, 11, 12

Advanced Computer Skills for the 21st Century A (7576)

1 Trimester

This course expands on skills learned in course number 7004 *Computer Skills for the 21st Century*. Some areas of study in word processing include macros, mail merge, sharing data, compiling specialized tables, collaborative tools, and forms. Areas of study with spreadsheets include date validation, linked workbooks, pivot tables, lookup functions, solver, and scenario manager. Additional business skills covered include utilizing spreadsheets to perform financial analysis.

This class also gives students the opportunity to prepare for Microsoft Office Certifications by offering *SAM (Skills Assessment Manager) Tests for Microsoft® Office 2007*. Upon completion students will have the opportunity to take the *Microsoft Application Specialist Certification Exam*. This certification is highly regarded in the business community and offers students an attractive credential for their resumes.

Davenport University and GRCC credit possible.

Prerequisite - Computer Skills for the 21st Century or permission of the instructor

Grade - 9, 10, 11, 12

Advanced Computer Skills for the 21st Century B (7578)

1 Trimester

This course expands on skills learned in course number 7004 *Computer Skills for the 21st Century*. This class advances to more complex queries, custom forms and reports, macros, and the integration of databases with the web and other programs. Students will combine these features into a functional database, which has a user friendly interface. In addition, students will receive advanced training in integrating various business software applications. Additional business skills covered include entrepreneurship and strategic management.

This class also gives students the opportunity to prepare for Microsoft Office Certifications by offering *SAM (Skills Assessment Manager) Tests for Microsoft® Office 2007*. Upon completion students will have the opportunity to take the *Microsoft Application Specialist Certification Exam*. This certification is highly regarded in the business community and offers students an attractive credential for their resumes. **Davenport University Credit is possible.**

Prerequisite - Computer Skills for the 21st Century or permission of the instructor

Grade - 9, 10, 11, 12

Desktop Publishing (7050)

1 Trimester

Desktop Publishing is one of the fastest growing career opportunities. The course offers advanced training and applications utilizing all components of desktop publishing. It is recommended for students who are college bound or interested in a business career. Principles of layout and design will be practiced. This course is taught with industry standard software. Emphasis is on creation of student projects including flyers, newsletters, newspapers, annual reports, brochures, advertisements and promotional materials. **Davenport University credit is possible.**

Grade - 9, 10, 11, 12

Multi-Media (7054)

1 Trimester

Students will complete a variety of projects utilizing video, audio, and graphic software applications. Software will include Adobe Premiere and Photoshop, Microsoft PowerPoint, Windows Media Player, and other appropriate software.

Course Rationale: This area of instruction addresses the technological knowledge and skills required of students entering the workplace. The demand will continue to expand as businesses utilize multimedia functions including graphics, audio, video, web page design and maintenance, and electronic presentation skills.

Skills needed for success: Self-motivated, responsible, strong work ethic, moderate technical/computer knowledge, problem solving, and interpersonal (teamwork).

Grade - 9, 10, 11, 12

Computerized Accounting I (7250 & 7254)

2 Trimesters

Accounting is designed to provide students with the basic principles of accounting so they can utilize acquired skills in both the professional world as well as in their everyday lives. Students will learn accounting as it applies to all three types of businesses: sole proprietorships, partnerships, and corporations. Skills are reinforced through real-world authentic computerized business simulations. This course is highly recommended for all students, particularly for those considering a business major or minor in college. The major outcomes of this course are:

- To learn skills of double-entry accounting which includes knowledge in computing, classifying, and recording numerical data to keep financial records.
- To learn various techniques of journalizing, posting, payroll, taxes, and cash and accrual systems.
- To gain skills necessary for further education in accounting as well as any business field.
- To gain skills necessary for personal use to obtain an entry-level accounting position.

Students who show proficiency after completing ACCOUNTING I are encouraged to continue their study with ACCOUNTING II. **Davenport University credit is possible. Each trimester taken during the Senior year will satisfy one Senior year Math requirement.** Grade - 9, 10, 11, 12

Computerized Accounting II (7300 & 7304)

2 Trimesters

Accounting II is a continuation of accounting principles and methods first introduced in Accounting I. The curriculum is delivered through the use of a textbook, workbook, and authentic business simulations. Emphasis is placed on accounting for corporations and on analyzing figures for making sound management decisions. Topics will include such items as inventory, depreciation, departmental accounting, and taxes among others. Students will reinforce their work with computerized business simulations. This course is ideal for a student who plans to major in business and/or accounting in college or who plans to operate his or her own business. *K-MAP Program (college credit) **Davenport University credit is possible. Each trimester taken during the Senior year will satisfy one Senior year Math requirement.**

Prerequisite - Computerized Accounting I

Grade - 10, 11, 12

Computer Science I (7100)

1 Trimester

Computer science is an excellent elective for students with good math skills who are interested in careers in science, computers, math, engineering or architecture. It is the study of computers and computing with an emphasis on algorithms and data structures and their applications. This is an introductory course where students will use Visual BASIC.NET to apply these techniques. *Note: This course satisfies the computer requirement for graduation.*

Davenport University credit is possible.

Prerequisite - Algebra I with at least a "B" average or permission of instructor

Grade - 9, 10, 11, 12

Computer Science II (7104)

1 Trimester

In this course students will write programs to solve specific problems. In addition to this, students will learn how to design and build a robot that may require gears and various sensors such as a touch sensor or light sensor to perform a particular task. *This course satisfies the computer requirement for graduation.*

Prerequisite –Algebra I with at least a "B" average or permissions of instructor

Grade - 9, 10, 11, 12

A.P. Computer Science (7150, 7152 & 7154)

3 Trimesters

This course continues developing skills initially presented in Computer Science. Students will study algorithmic development and data structures that allow them to correctly and efficiently solve problems of information manipulation. This will be accomplished using the computer language Java and will be conducted in a manner designed to prepare students for the Advanced Placement Test.

Prerequisite - Computer Science or permission of instructor

Grade - 10, 11, 12

Website Design (7200)

1 Trimester

Students will learn to use industry-standard website design, photo editing and animation creation software programs to create functional websites complete with multimedia features such as sound, video, etc. The course will also incorporate instruction in basic HTML code, photo editing and creating animations to be used in the website. In addition, the students will learn the principles of good website design, copyright laws, Internet security, etc. while completing several projects - one of them a team project. Upon completion of this class, students should have adequate skills to be able to create a functional, usable site for a family, business, etc. that can be published in the Internet. Skills needed for success: Self-directed, able to work independently or as part of a team, basic computer/technical skills. Grade - 9, 10, 11, 12

Advanced Website Design (7230)

1 Trimester

This course is designed for students desiring more advanced training in website design, including Dreamweaver and Flash. It will focus on building commercial websites. Within this course students will plan a business website and will include advanced Adobe Flash applications within the site while emphasizing the use of templates and div tags. This course will be project-based with time built in to apply the skills learned in this course and in Website Design to build a site for an actual or fictitious company – possibly an E-commerce site with a shopping cart and checkout feature.

Prerequisite - Website Design

Grade - 10, 11, 12

Graphic Design (7204)

1 Trimester

Students will learn how to use industry-standard image editing software and apply this knowledge to various real-world assignments. This course challenges students to be self-directed and creative. **Course Rationale:** Graphic design is a growing profession. By combining technology, art, and business promotion, students will develop an understanding of the business world from a graphic designer's perspective. **Skills needed for success:** Self-motivated, responsible, moderate technical/computer skills.

Grade - 9, 10, 11, 12

Marketing and Entrepreneurship (7500 & 7504)

2 Trimesters

Gen E-New Directions in Entrepreneurial Education

Students will learn the skills necessary to plan and implement at least two business ventures. As they explore the skills needed to be a successful entrepreneur they will make discoveries as to their own interests, talents and abilities. They will learn to capitalize on those and develop viable business ideas. Through research, interviewing, community involvement and classroom instruction, students will grow their ideas into business ventures. The instructor becomes a facilitator as the students are empowered to actively explore the steps to business operation.

As entrepreneurs, the students will experience the risks and rewards of business ownership within a monitored learning environment. Whether the business last for one day (as in planning an event) or continues to flourish, the entrepreneurial mindset will continue to develop.

As the work done in this class relates directly to activities in the school store, retail experiences outside of the normal school day are required and figured into each student's grade for both trimester one and two.

Grade - 9, 10, 11, 12

Personal Finance (2504)

1 Trimester

The major emphasis of Personal Finance will be to stress personal financial issues along with those economic issues that all individuals face in our society. Topics to be covered include: budgeting, taxes, car buying, credit, investments, insurance, resumes, apartment rental, and house buying. **This class will satisfy one MMC Senior math requirement.**

Grade - 12

WORLD LANGUAGE

Spanish I (5000 & 5004)

2 Trimesters

Using real-life scenarios, students in beginning Spanish will acquire basic communication skills that will be helpful in practical situations. The four basic language skills of reading, writing, listening and speaking are developed in a communicative manner giving students the skills to communicate with Spanish speakers. This course will be taught according to the World Language National Standards of communication, culture, connections, comparisons, and communities.

Grade - 9, 10, 11, 12

Spanish II (5050 & 5054)

2 Trimesters

Spanish II expands on the 5 C's of the World Language National Standards: communication, culture, connections, comparisons, and communities. Students will work in the Exprésate series to demonstrate comprehension of present, past and near future tenses. **Davenport University credit is possible.**

Prerequisite - Spanish I "C" or higher

Grade - 10, 11, 12

Spanish III (5100 & 5104)

2 Trimesters

Students will review the vocabulary and grammatical patterns developed in Spanish I and II while continuing to develop the World Language National Standards at an advanced level. Students will be expected to narrate and describe events in the present, past, imperfect, present subjunctive, future, and conditional tenses. The Spanish language will continue to be interwoven with its culture.

Prerequisite - Spanish II "C+" or higher

Grade - 11, 12

Spanish IV (5150 & 5154) **2 Trimesters**
A continuation of Spanish III, Spanish IV focuses on more advanced grammar points while emphasizing reading, writing, listening, and speaking. The student will become capable of expressing him/herself in a more fluent manner. Students exiting this course will adjust easily to higher level course requirements for college graduation.
Prerequisite - Spanish III "C+" or higher **Davenport University credit is possible.** Grade - 12

French I (5200 & 5204) **2 Trimesters**
Beginning French focuses on language in real-life contexts. The World Language National Standards, communication, culture, connections, comparisons, and communities, are developed in a communicative manner providing teens with the skills to survive in the French-speaking world. Students are expected to ask and answer questions, describe people, places and things, and demonstrate comprehension of grammar in the present and near future tenses. Grade - 9, 10, 11, 12

French II (5250 & 5254) **2 Trimesters**
French II expands on the 5 C's of the World Language National Standards: communication, culture, connections, comprehension, and communities. Students will work in the Bien dit! series to demonstrate comprehension of present, past and near future tenses. **Davenport University credit is possible.**
Prerequisite - French I "C" or higher Grade - 10, 11, 12

French III (5300 & 5304) **2 Trimesters**
Students will review grammar, verb tenses, and sentence structures developed in French I and French II while increasing their reading, writing, listening, and speaking skills using the Bien dit! series as a guideline. Self expression through writing and speaking will also be expected of students in this course.
Prerequisite - French II "C+" or higher Grade - 11, 12

French IV (5350 & 5354) **2 Trimesters**
A continuation of French III, French IV focuses on more advanced grammar points while emphasizing reading, writing, listening, and speaking. Students will become capable of expressing themselves in a more fluent manner. Students exiting this course will adjust easily to higher level course requirements for college graduation.
Prerequisite - French III "C+" or higher **Davenport University credit is possible.** Grade - 12

MUSIC

Concert Band (6300 & 6304) **2 Trimesters**
Open to all students with previous instrumental music experience. In most years, this band is made up of freshmen and upper-classmen who, by result of audition, are not placed in the Symphonic Band. All bands are combined during the football season to form the Trojan Marching Band. Individually, this band performs formal concerts and participates in the MSBOA festival. As the work done in class relates directly to performances, performances outside of the normal school day are required and figured into each student's grade.
Prerequisite - Completion of Middle School Band Program, permission from the instructor Grade - 9, 10, 11, 12

Symphonic Band (6350, 6352 & 6354) **3 Trimesters**
Open to tenth, eleventh, and twelfth grade students by audition. All bands are combined during football season to form the Trojan Marching Band. Individually, this band performs formal concerts and participates in the MSBOA festival. Non-graduating members perform at graduation. As the work done in class relates directly to performances, performances outside of the normal school day are required and figured into each student's grade.
Prerequisite - Complete at least one year of Concert Band, audition, permission from the director Grade - 10, 11, 12

Jazz Band (6400, 6402 & 6404) **3 Trimesters**
Open to instrumental music students by audition. The jazz band performs at numerous concerts, at home basketball games and at festivals. As the work done in class relates directly to performances, performances outside of school are required and figured into each student's grade.
Prerequisite - Completion of MS Instrumental Music Program, audition or permission from the director
Grade - (9), 10, 11, 12

Concert Choir (6450 & 6454) **2 Trimesters**
Open to all students who demonstrate an ability to match pitches (sing with the piano). The choir performs formal concerts and for local groups and special occasions. As the work done in class relates directly to performances,

performances outside of school are required and figured into each student's grade.

Prerequisite - Audition where student displays ability to match pitches with piano and permission from the instructor

Grade - 9, 10, 11, 12

Honors Choir (6500, 6502 & 6504)

3 Trimesters

Open to tenth, eleventh and twelfth grade students by audition. The Honors Choir performs in 4 formal concerts, participates in an adjudicated spring choral festival and also performs for local groups and special occasions. As the work done in class relates directly to performances, performances outside of school are required and figured into each student's grade. Students should note that the Honors Choir performance schedule can be intense.

Prerequisites - Audition, permission from the instructor

Grade - 9, 10, 11, 12

A. P. Music Theory (6600)

1 Trimester

Open to 10th, 11th and 12th grade students. A musical background is required to be successful in this course. This course examines the inner structure of music. The tools and techniques of musical composition will be explored beginning with the simplest musical concepts such as notes and clefs, the course of study progresses through intervals, scales, chords, modes, harmonic progressions, musical forms, and analysis.

Prerequisite - Background in music such as membership in band or choir, or private study in voice, guitar, piano, violin, etc. Placement exam and/or permission from the instructor. **Davenport University credit is possible.**

Grade - 10, 11, 12

Music Appreciation (6700)

1 Trimester

Open to all 10th, 11th and 12th grade students. The purpose of the course is to expose students to all forms of music.

The course first gives students a basic foundation of musical concepts and then traces the history of music from the earliest known forms of music to the present. **Davenport University credit is possible.**

Grade - 10, 11, 12

PHYSICAL EDUCATION

Physical Education/Health (9000 & 9004)

2 Trimesters

The ninth grade Physical Education/Health class is designed to give each student a personal awareness of the value of developing and maintaining a level of physical fitness that will allow him/her to live a healthy, active life. This personal fitness level is reinforced through a variety of physical activities, involving both team and individual sports and fitness activities. In addition, students will spend two days a week in a classroom for Health. Units that will be covered include decision making and problem solving, nutrition, physical fitness, body systems, anti-tobacco, anti-alcohol and reproductive health over a two trimester period.

Grade - 9 (Required)

Advanced Physical Education (9050 & 9054)

2 Trimesters

This class gives students an opportunity to enhance their level of conditioning and to raise their levels of efficiency in various sports. A fairly high level of skill and interest in physical education and athletics will be required. Activities offered will include: weight training, speed and quickness conditioning, and sport specific skill training.

Prerequisite - Instructor's approval and at least a "B" in Physical Education/Health

Grade - 10, 11, 12

Lifetime Sport and Activities (9060)

1 Trimester

This class provides students with the opportunity to participate in a variety of fitness activities, team, and individual sports. Students will also become aware of their level of fitness and know how to maintain fitness throughout a lifetime. The purpose of this class is to provide activities that students will use for leisure time. This will increase the probability that they will be active for a lifetime. This class may only be taken for 1 trimester during the current school year. Prerequisite – Successful completion of previous PE class and instructor approval.

Grade - 12

Life Fitness (9064)

1 Trimester

This is an intense fitness oriented class that provides students with information regarding current personal health and fitness levels, dietary analysis, body composition, fitness data and the opportunity to obtain and maintain a high level of fitness. Must be self-motivated. Activities will include yoga, step aerobics, weight training, cardio training and circuit training. Life Fitness may only be taken for 1 trimester during any current school year.

Grade - 10, 11, 12

Sports Certification (9074)

1 Trimester

This class will provide the opportunity for CPR/First Aid/AED certification through the American Red Cross as well as becoming a certified official with the MHSAA. Coaching techniques and coaching theory will be covered to help develop young coaches.

Grade - 11, 12

Health and Nutrition (9100)

1 Trimester

Health and Nutrition is a one trimester course that focuses on the foods we eat and how they affect our bodies. Students will learn the principles of basic nutrition, individual meal planning, food preparation, and food safety. While acquiring skills needed throughout the life cycle, students will learn how to identify fads from facts regarding nutrition. The class will focus on basic cooking concepts including cooking terms, weights and measurements, food safety, basic nutritional information, individual food needs and healthy meals.

Grade - 10, 11, 12

TECHNOLOGY

Woods I A (8000)

1 Trimester

This class is an introduction to woodworking. Various methods of wood joining using both hand and power tools are covered. Other areas of study are: wood selection, project planning, wood fasteners, wood finishing, pattern making, and mass production. Students will build a number of required projects and will also make some of their own designs. There is a fee depending on the size of the project and the materials used.

Grade - 9, 10, 11, 12

Woods I B (8004)

1 Trimester

This class is an introduction to woodworking. Various methods of wood joining using both hand and power tools are covered. Other areas of study are: wood selection, project planning, wood fasteners, wood finishing, pattern making, and mass production. Students will build a number of required projects and will also make some of their own designs. There is a fee depending on the size of the project and the materials used.

Prerequisite - Woods I A

Grade - 9, 10, 11, 12

Woods II A (8050)

1 Trimester

This class will build on the skills gained in Woods I. Advanced hand and power tool operations will be covered. The student will be given the opportunity to plan and build larger and more complicated projects of their choice such as tables, gun cabinets, cedars trip canoes and custom furniture. There is a fee depending on the size of the project and the materials used.

Prerequisite - Woods I A & B

Grade - 10, 11, 12

Woods II B (8054)

1 Trimester

This class will build on the skills gained in Woods I. Advanced hand and power tool operations will be covered. The student will be given the opportunity to plan and build larger and more complicated projects of their choice such as tables, gun cabinets, cedar trip canoes and custom furniture. There is a fee depending on the size of the project and the materials used.

Prerequisite - Woods II A

Grade - 10, 11, 12

Introduction to Mechanical Drafting A (8100)

1 Trimester

This is an introductory level drafting course that is open to all students interested in drafting, engineering, architecture, construction, and/or interior design. This class covers basic fundamental skills in the use and care of drafting equipment, geometry for technical drawings, multi-view drawings, pictorial drawings (Isometric) and dimensioning. Basic math skills are recommended. Students will be introduced to AutoCAD 2008 and AutoDesk Inventor.

Grade - 9, 10, 11, 12

Introduction to Mechanical Drafting B (8104)

1 Trimester

Introduction to Mechanical Drafting B is a continuation of Beginning Drafting A and is designed for students to develop skills in the use of AutoCad 2008 as well as the 3D Modeling software AutoDesk Inventor 2008. Students will work in a team oriented atmosphere for much of the class to help develop their skills for future employment.

Prerequisite – Introduction to Mechanical Drafting A

Grade - 9, 10, 11, 12

Engineering Drafting A (8150)

1 Trimester

Students who are planning careers in engineering, design or the industrial trades are urged to consider this course. The purpose of the course is to provide students with an understanding of engineering drafting. This class revolves around the design process while working as a team. Emphasis will be placed on working drawings (assemblies and details), auxiliary views, manufacturing processes and descriptive geometry. Students will be required to maintain a professional-style portfolio of completed work. AutoCAD 2008 is primarily used, but students will also be introduced to AutoDesk Inventor 2008. ***K-MAP Program**

Prerequisite - Introduction to Mechanical Drafting A & B

Grade - 10, 11, 12

Engineering Drafting B (8154)**1 Trimester**

Engineering Drafting B is a continuation of Engineering Drafting A. The purpose of this course is to teach advanced drafting techniques to students wishing to pursue a career in engineering. A team approach will be utilized in solving a variety of intricate and complex problems by means of evaluation and design. There will be exclusive use of AutoCAD 2008 and AutoDesk Inventor.

Prerequisite - Engineering Drafting A

Grade - 10, 11, 12

Architectural Drafting A (8200)**1 Trimester**

Students who are planning careers in architectural design, interior design and/or construction are especially urged to consider this course. The purpose of this course is to provide students with an understanding of architectural drafting. Emphasis will be placed on residential floor plan design, elevation drawings, plot plans, and roof plans. Students will be required to maintain a professional-style portfolio of completed work and will design their own house to be presented as a final project. Students will work exclusively with AutoCAD 2008. *K-MAP Program

Prerequisite - Introduction to Mechanical Drafting A & B

Grade - 10, 11, 12

Architectural Drafting B (8204)**1 Trimester**

Architectural Drafting B is a continuation of Architectural Drafting A. Emphasis will be placed on framing plans, construction of detail drawings, and pictorial drawings. Students will also construct a scale architectural model. Students will be required to maintain a professional-style portfolio of completed work. There will be continued use of CAD. A professional style presentation of the students' design will be required for completion.

Prerequisite - Architectural Drafting A

Grade - 10, 11, 12

Advanced 3D CAD A (8250)**1 Trimester**

The focus of this course will be on 3D solid modeling using AutoDesk's Inventor software. Students will learn to use parametric modeling to create 3D solid models, working assemblies, and 2D layouts. This course is designed to give the student advanced experience using the latest software that will ready him/her for all college CAD courses and/or an entry level job in the drafting field.

Prerequisite - Engineering or Architectural Drafting A

Grade - 11, 12

Advanced 3D CAD B (8254)**1 Trimester**

This course is a continuation of Advanced Computer Aided Drafting. Students will learn to use parametric modeling to create advanced assemblies with motion while working in a team oriented atmosphere. Each student will complete a competition ready full color design with the use of AutoDesk Inventor and 3Ds Max software.

Prerequisite - Advanced 3D CAD A

Grade - 11, 12

Principles of Technology I A (8300)**1 Trimester**

This exciting course offers an inside look into today's world of technology. This course uses a modular approach as an introduction to careers utilizing technology. Students will explore the fields of Architectural Design, Construction Technology, Multimedia Production, Robotics and Automation, Manufacturing Technology, Bio-Technology, Environmental Engineering, and Alternative Energy. Students will be introduced to prospective careers in each of these areas progressing through the rotations, and will satisfy local, state and national outcomes. Everything will be done in a logical and progressive manner moving from an initial introduction through a completed design project and presentation in the particular field. Students will work individually and in teams. Areas not explored in this course will be explored in Principles of Technology 1B.

Grade - 9, 10, 11, 12

Principles of Technology I B (8304)**1 Trimester**

This exciting course offers an inside look into today's world of technology. This course uses a modular approach as an introduction to careers utilizing technology. Students will explore the fields of Architectural Design, Construction Technology, Multimedia Production, Robotics and Automation, Manufacturing Technology, Bio-Technology, Environmental Engineering, and Alternative energy. Students will be introduced to prospective careers in each of these areas and progress through the rotations that will satisfy local, state and national outcomes. Everything will be done in a logical and progressive manner moving from an initial introduction through to a completed design project and presentation in the particular field. Students will work individually and in teams. Areas not explored in this course will be explored in Principles of Technology 1A.

Grade - 9, 10, 11, 12

Principles of Technology II A (8350)**1 Trimester**

Principles of Technology II is designed to give the student an in-depth look into **3D Animation, CAD/CAM, Audio Production, Digital Imaging** and areas of technology that were explored in Principles of Technology I. All

instruction is done by industrial standards on state of the art equipment. Upon completion of the course, each student will be able to produce and record a multimedia presentation in an area of his/her choice to put in a personal portfolio.

Prerequisite - Principles of Technology I A and B

Grade - 10, 11, 12

Principles of Technology II B (8354)

1 Trimester

Principles of Technology II is designed to give the student an in-depth look into **Video Editing, Mx Flash Animation, Residential Wiring, Multimedia** and areas of technology that were explored in Principles of Technology I. All instruction is done by industrial standards on state of the art equipment. Upon completion of the course, each student will be able to produce and record a multimedia presentation in an area of his/her choice to put in a personal portfolio.

Prerequisite - Principles of Technology I A and B

Grade - 10, 11, 12

Digital Media I (8500 & 8504)

2 Trimesters

In this course, students will use, analyze and create video media to express ideas clearly and concisely in writing about film and television. Live video productions will be a key component of this course. The class will utilize the specialized vocabulary of the film and television industry. Students will develop ideas from their outline. Students will also be required to produce both morning announcements and video productions after school. Work that is done in class each day relates directly to performances; therefore, outside and after school performances are required and calculated in a student's grade.

Prerequisite - Basic computer knowledge and communication skills are recommended.

Grade - 9, 10, 11, 12

Digital Media II (8520 & 8524)

2 Trimesters

Digital Media II is for students who are looking to explore a potential career in the digital media field. This course will consist of two trimesters. The first trimester students will focus on the broadcast elements of the news and television industry. Students will be required to attend events outside of school to produce electronic news gathering content for the TKTV morning news and for the school's website, tkschools.org. A focus will also be on learning new editing software, Final Cut Studio 2 as well as Studio 11. The second trimester will be a film based focus (you may not take only the second trimester). Students will learn how to write a script, direct actors, edit video and produce short films. Films to sell, entertain, persuade, etc. will be required. Students may also be required to continue some broadcast elements for the TKTV morning news and tkschools.org website. If there are not enough volunteers for school productions, students may be required to assist in a production after school which will count toward their grade. Prerequisites: Successful completion of Digital Media I **AND** an approved application with a recommendation from another instructor. This application will require approval by the instructor and/or committee to be accepted into the class. This class may be repeated. First time students will be given priority.

Grade - 10, 11, 12

SPECIALS

Journalism/Newspaper I (1600 & 1604)

2 Trimesters

Students taking this course will learn the unique style of writing reflected in modern print and online journalism. They will focus on all the major types of writing found in print journalism including news, features, sports, columns and editorials. In addition to these traditional print stories, they will also explore and experiment with online journalism, including blogs, podcasts, and video broadcasts embedded in *The Trojan Voice* website. Students will be asked to analytically read and write on topics pertinent to journalism or current events. They will also explore the historical, legal and ethical development of the news media. This will include exploring the rights and responsibilities given to journalists by the First Amendment, important Supreme Court cases, and the key people who have influenced how the media shapes the world. Once these skills are proven, students may begin contributing to *The Trojan Voice*, both the monthly printed and online editions. Basic concepts of photography, page layout (using InDesign), computer applications, graphic design, and marketing/advertising will also be explored. This course does not fulfill English credit requirements.

Grade - 9, 10, 11, 12

Journalism/Newspaper II (1650, 1652 & 1654)

3 Trimesters

This course is designed for students who have successfully completed Journalism/Newspaper I and would like to further their study in the field of journalism. Students accepted into this course will likely hold leadership positions on the staff of *The Trojan Voice*, either the printed or online edition, depending on their area of interest and expertise. Students will be involved in all areas of the publication from news, features, editorial, and sports writing to selling advertising to designing the layout of the website and printed publication.

Prerequisite--Successful completion of Journalism/Newspaper I and/or teacher approval

Grade - 9, 10, 11, 12

Yearbook (1760, 1762 & 1764)

3 Trimesters

The students produce the Trojan (high school yearbook). This project includes planning, photography, lay-out, copy writing, advertising (sales and production), merchandising the book, and caption writing. They may also assume other journalistic projects such as a literary magazine. **This course does not fulfill English credit requirement.**

Prerequisites - Approval of the instructor and a letter of recommendation from another teacher. Grade - 10, 11, 12

Teen Leadership (9070)

1 Trimester

The goal of this class will be to produce quality leaders knowing who they are and where they are going. Students with a solid foundation on which to base their personal and professional life while building a responsible citizen, self-confidence, and effective communication skills. Some units of study include relationship building, communication, public speaking, goal setting and decision making. Grade - 9, 10, 11, 12

AV-Tech (9366, 9367 & 9368)

1 Trimester

The AV-Tech program provides a unique, hands-on experience for a limited number of students. Students selected for this program will work closely with the Technology Staff on a wide array of projects based on interest, skill sets and the needs of the Technology Office. All AV-Tech students work with building/district staff to address a wide range of technology related issues including (but not limited to), networking, pc-repair, software installation, developing training materials, training, problem solving, web-site design and creation, blogging, podcasting, and assisting the District Technology Staff in addressing new technology issues as they arise.

Preference will be given to students who have previously demonstrated technology skills and interests.

Permission of AV-Tech Instructor required for admission to this program Grade - 10, 11, 12

Cadet-Teacher Program

The purpose of the Cadet-Teacher Program is to provide **senior** high school students with classroom and field experiences, which will enable them to make informed decisions regarding careers in education.

This is a **senior** elective class where students receive high school credit for working with Thornapple Kellogg Middle School and Elementary teachers. The State of Michigan requires that every student enrolled in this Cadet-Teaching Program **MUST** have an Educational Development Plan (EDP), which indicates a specific interest in some area of teaching PRIOR to enrollment in this class.

Internship Program



Arts & Communication



Business, Management, Marketing & Technology



Engineering/Manufacturing & Industrial Technology



Health Sciences



Human Services



Natural Resources & Agriscience

The Internship Program enables **junior and senior students** to use the community of Middleville and the outlying areas as a classroom for a **non-paid** career awareness position. It offers high school students the opportunity to explore business or professional positions that they may pursue for further education. On-site career information and pre-career skills are gained by working on a one-to-one basis with a professional who volunteers to serve as the community teacher.

By participating in the TK Internship Program, a student will:

- Acquire hands-on experience in a field of potential interest
- Determine whether a career is compatible with his/her interests
- Work with adults in a professional environment to develop positive working relationships with adults
- Apply academic learning to practical situations and out-of-school experiences to classroom activities
- Develop responsible and productive work habits
- Become aware of opportunities that exist in a career field and of the educational background needed to pursue that career

Internships are available for nearly every career; options are only limited by availability of community sites. Internships may include accounting, advertising, architecture, banking, computers, dentistry, engineering, graphic design, journalism, law, marketing, medicine, physical therapy, social work, teaching, veterinary medicine, construction, and many more. All positions are subject to administrative approval.

This is a **junior and senior** elective class where students receive high school credit for working in a non-paid position the community. The State of Michigan requires that every student enrolled in this Internship Program **MUST** have an Educational Development Plan (EDP), which indicates a specific interest in the placement position **PRIOR** to enrollment in this class.

Work Experience Program



Arts &
Communication



Business,
Management,
Marketing &
Technology



Engineering/
Manufacturing &
Industrial
Technology



Health
Sciences



Human
Services



Natural
Resources &
Agriscience

The Work Experience Program enables **senior students** to use the community of Middleville and the outlying areas as a classroom for **paid** career awareness position. It offers senior students the opportunity to explore business or professional positions that they may pursue for further education. On-site career information and pre-career skills are gained by working on a one-to-one basis with a professional who volunteers to serve as the community teacher.

By participating in the TK Work Experience Program, a student will:

- Acquire hands-on experience in a field of potential interest
- Determine whether a career is compatible with his/her interests
- Work with adults in a professional environment to develop positive working relationships with adults
- Apply academic learning to practical situations and out-of-school experiences to classroom activities
- Develop responsible and productive work habits
- Become aware of opportunities that exist in a career field and of the educational background needed to pursue that career

Work Experiences are available for nearly every career; options are only limited by availability of community sites. Work Experiences may include accounting, advertising, architecture, banking, computers, dentistry, engineering, graphic design, journalism, law, marketing, medicine, physical therapy, social work, teaching, veterinary medicine, construction, and many more. All positions are subject to administrative approval.

This is a **senior** elective class where students receive high school credit for working in a paid position the community. The State of Michigan requires that every student enrolled in this Work Experience Program **MUST** have an Educational Development Plan (EDP), which indicates a specific interest in the placement position **PRIOR** to enrollment in this class.

Kent Career/Technical Center

The *Kent Career/Technical Center* is owned and operated by the Kent Intermediate School District. The Center provides students with quality training in several career and technical programs.

Students spend approximately 2 and 1/4 hours per day at the Center and the balance of their day at their home high school. The Center offers three sessions from 6:55 A.M. to 2:15 P.M. for high school students. (1st Session - 6:55 A.M. to 9:25 A.M.; 2nd Session - 9:30 A.M. to 11:40 A.M.; 3rd Session - 12:05 P.M. to 2:15 P.M.)

*Because of trimester scheduling, Thornapple Kellogg High School students will only be able to attend 1st or 3rd sessions. Students choosing 1st session will earn six credits at KC/TC each year and will take three classes (credits) at TK each trimester for a total of **15 credits each school year**; students choosing 3rd session will earn nine credits at KC/TC each year and will take two classes (credits) at TK each trimester for a total of **15 credits each school year**.*

The *Kent Career/Technical Center* is located at 1655 East Beltline, N.E. The facility covers 300,000 square-feet and is situated in the northeast section of Grand Rapids on a beautiful 104-acre campus. The Center also houses a cafeteria, restaurant, bakery, and retail outlet shop.

The purpose of the Kent Career/Technical Center's programs is to provide applied and occupationally specialized skills. These skills prepare students for work, continuing education, and lifelong learning. The Center's mission is to "ensure the opportunity for all students to possess the marketable skills necessary to support success, adaptability and lifelong learning in the changing workplace." The philosophy of the *Kent Career/Technical Center* states that education is a lifelong process and an opportunity

that should be accessible to all students and staff. The school strives for a climate of pride in belonging to an organization with a record of achievement. The staff of the school believes that a sense of self-worth is essential for success.

The Kent Career/Technical Center classes are designed around a work environment. Programs are professional and sophisticated, and computers and technology emphasize lab instruction in an office-type environment. Apprenticeship, internship, and co-op are available to students as well as an established post-secondary articulation program with Michigan State University, Lansing Community College, Western Michigan University, ITT Technical Institute, Davenport College, Ferris State University, and Grand Rapids Community College to enable students to earn college credit while attending the Kent Career/Technical Center.

Representatives from business and industry comprise an advisory committee for each occupational area that validates curriculum, assists with equipment recommendations and evaluates each program. Committee members ensure that programs keep pace with changing technologies. Upon completion of their training, students are assisted by counseling and placement staff in finding employment and exploring further educational opportunities. *Parents are encouraged to participate in their child's career planning by attending a student/parent orientation before school open house, open houses each semester, college expo, business and industry expo, cluster visits, student financial aid night, and a student of the month recognition event.*

All instructors have business/industry experience. With their State of Michigan Authorization, instructors provide the work related training important for today's technological work force.

TK STUDENT PLACEMENT

1. Students must first make application. Application must be made with Mr. Guikema in the guidance office. Registration will begin in February 2011.
2. Six or nine credits (depending on which session is attended) may be earned at KC/TC for the school year.
3. Tuition is free.
4. Transportation will be provided.
5. To have a good attendance record both at the home high school and at the Kent Career/Technical Center is the responsibility of each student. Beyond the seventh absence, the student may be dropped from the Center's program.

PROGRAM OFFERINGS

AGRISCIENCE

Agriscience

BUSINESS, MANAGEMENT, MARKETING

TECHNOLOGY

Computerized/Online Accounting

Marketing: Retail & Management

Information Technology

ENGINEERING/MANUFACTURING/INDUSTRIAL

TECHNOLOGY

Applied Construction Technology

Electronics/Electrical Trades

Heating, Ventilation, Air Conditioning & Refrigeration

Precision Machining Technology

Engineering Technology

Site Design Management

Wood Products Manufacturing

TRANSPORTATION

Auto Collision Repair

Automotive Technology

Aviation Maintenance Technology

Avionics

Diesel and Equipment Technology

HEALTH SCIENCES

Health Careers

Medical Lab Technology

HUMAN SERVICES

Hospitality, Baking and Culinary

Criminal Justice

AGRISCIENCE

Agriscience

The Kent Intermediate School District is an equal opportunities institution and does not discriminate on the basis of race, creed, color, ethnic origin, sex, and physical or mental handicap in any of these educational programs and activities, including enrollment and employment.

KENT CAREER/TECHNICAL CENTER
STUDENT/PARENT AGREEMENT

The following conditions will pertain to any student enrolled concurrently at *Thornapple Kellogg High School* and the *Kent Career/Technical Center*.

1. Regular attendance is an important contribution to a student's success. KC/TC students adhere to the same TK attendance policy.
2. Students are expected to attend all scheduled sessions of the KC/TC even if there are special events such as homecoming activities, assemblies, special speakers, etc. at the high school. *(The exception will be the exam schedule.)* Absences received because a student attended a high school activity when he/she is expected to be in attendance at the KC/TC will be unexcused. *Students may attend school events if they have prior permission by parents; however, the absence will count toward the seven allowed for any trimester.*
3. School sponsored field trips and college visitations (three per school year) will be excused and will not count as an absence.
4. If the KC/TC is not in session for any reason, students are *only* required to attend their regularly scheduled academic classes at the high school.
5. If the KC/TC is not in session for any reason, students will not be required to be in the high school building when their academic classes do not follow the regular schedule because of homecoming activities, assemblies, etc. Students, however, will be responsible for any missed work.
6. If classes are cancelled for any reason at the high school, students will not be expected to attend the KC/TC. *(In the event of inclement weather or other conditions which may close or delay school, KC/TC 1st Session students should watch TV 8 or call 795-5543 for a report on school closing status.)* All absences at the KC/TC due to cancellation of TK classes will be waived and will not count toward the attendance requirement.
7. If there is a two-hour delay for any reason, *1st Session* students will not attend the KC/TC but must be at TK High School by 11:18 for the beginning of their third period.
8. On a regular school day all *1st Session* students must return to the high school by 9:45 A.M.; they will report to the cafeteria from 9:45 - 10:06.
9. On a regular school day all *3rd Session* students must report to first lunch from 10:06 - 10:36 and must remain in the cafeteria until they leave for KC/TC at 11:00.
10. Students serving *OSS* from KC/TC will also be *OSS* for the same number of days at TK. Students serving *OSS* from TK will also be *OSS* for the same number of days at KC/TC.
11. KC/TC students riding the bus must adhere to all rules established by the driver.

ANY STUDENT FAILING TO FOLLOW ANY OF THESE GUIDELINES MAY BE DROPPED FROM KC/TC AND PLACED IN A FULL SCHEDULE AT TKHS.

If you have questions or concerns, please contact Mr. Guikema (795-5428).