

Three Rivers High School

Program of Studies

2025-2026



Vision Statement

Three Rivers High School will develop and provide a comprehensive school program that will give every student an opportunity to experience maximum development of his or her interests, talents and abilities.

GENERAL INFORMATION

GENERAL REQUIREMENTS

- *Students must have a full schedule of classes in every term of attendance (or administrator approval)*

GRADUATION REQUIREMENTS

Three Rivers High School offers two diplomas – an Advanced Diploma and a Basic Diploma. Every student will strive to earn the Advanced Diploma and student status will reflect the path toward attaining the Advanced Diploma.

ADVANCED DIPLOMA – *Reflects the attainment of those classes required by the Michigan Merit Curriculum plus additional/advanced classes that relate to the student's Career Pathway. Must earn 23 credits. **Every student will strive to earn the Advanced Diploma and student status will reflect the path toward attaining the Advanced Diploma.***

BASIC DIPLOMA – *Will be granted to those seniors who have completed 18 required Credits contained in the Michigan Merit Curriculum.*

GRADUATION CREDIT REQUIREMENTS FOR THREE RIVERS HIGH SCHOOL BASED ON THE SEMESTER GRADE LEVEL DISTINCTION

- *To be considered a sophomore, a student must have earned 5 credits.*
- *To be considered a junior, a student must have earned 11 credits.*
- *To be considered a senior, a student must have earned 16 credits.*

ACADEMIC REQUIREMENTS

3.0 Credits of Science: *Must include: Biology, Chemistry or Physics, and one additional science-related credit.*

4.0 Credits of Mathematics: *Must include: Algebra I, Geometry, Algebra II, and one additional math-related credit. NOTE: Students must take a math class their senior year.*

3.0 Credits of Social Studies: *Must include: Civics, Economics, US History/Geography, and World History/Geography*

4.0 Credits of English Language: *Must include English Language Arts 9, 10, 11 & 12. Advanced classes may replace these classes.*

1.0 Credit Health & Physical Education: *Must include Health and Physical Education.*

1.0 Credit Visual, Performing, Applied Arts: *Such as band, choir, art, etc.*

2 Credits World Language: *Beginning with the graduation class of 2016, students need to complete during grades K-12 the equivalent of 2 grade appropriate credits in a language other than English or have coursework or other learning experience that are substantially equivalent to 2 credits.*

ADDITIONAL GRADUATION REQUIREMENTS: *In addition to the above course requirements, a student must do the following prior to graduation:*

- 1) All students will take the state approved examination – ACT/SAT/M-STEP. Typically, the state testing is done in the spring of the student’s junior year.*
- 2) Prior to graduation, all students will participate in an “Exit Interview”. This is a simulated job interview before a small committee of business and school representatives. Students will need to present a resume, which includes a goal statement, as well as a written letter of application. Each interview will last no more than thirty minutes, and students will receive constructive feedback by the committee on how to improve their interviewing skills. Students will be graded on a Credit/No Credit basis.*

STATE OF MICHIGAN – PERSONAL CURRICULUM OPTIONS

A Personal Curriculum modifies specific credit requirements and/or content expectations based on the individual learning needs of a student. It is designed to serve students who want to accelerate or go beyond MMC requirements and students who need to individualize learning requirements to meet the MMC requirements. The personal curriculum option allows the board of a school district or public school academy to award a regular high school diploma provided the student completes the requirements of the PC, including as many of the content expectations of the MMC as practicable. Providing flexibility, a PC allows several flexible learning options, including:

- For any student, earning additional credit in specific subject areas and counting these credits toward meeting the state requirements.*
- For students challenged with meeting Algebra II expectations, adjusting mathematics requirements.*
- For students with an IEP, allowing modifications of the MMC necessary to demonstrate proficiency.*
- For students transferring to a district from out of state or from a nonpublic school, modifications of requirements under limited conditions.*

While every request to modify a student’s graduation requirements should be considered, the school district or public school academy may deny a personal curriculum request if:

- The request does not comply with state statute.*
- Other options for meeting the student’s educational needs have not been documented.*
- It is not in the best interest of the student.*

The members of the PC development team cannot reach agreement. A parent, legal guardian, emancipated student, or school personnel may request a PC at any time. The state statute includes restrictions on when the mathematics and social studies requirements may be implemented as described in the “Allowable Modifications” section.

For more information on Personal Curriculums, please visit www.Michigan.gov/MDE

CREDIT REPEAT

All high school subjects will be recorded on the student’s high school transcript. A student who has failed a required course must repeat the class. [Michigan Virtual](#) is our credit recovery course provider if online delivery is required. The previous grade will stay on the transcript.

TESTING OUT

*Per Michigan law, a student may attempt to test out of high school classes with the sole purpose of moving ahead in the curriculum. **The intent of this law is to allow students who have extensive prior knowledge in a subject, the opportunity to test out and move on to higher level classes in that subject area.***

Three Rivers High School will grant credit to high school students not enrolled in courses who exhibit a reasonable level of mastery (78% or better on exam) in those courses. Credits will be awarded on a “pass” basis and not included in G.P.A.

Credit will count toward fulfillment of subject area and course sequence requirements. Once credit has been earned by “testing out”, students may not subsequently receive credit for a sequentially lower course in the same subject area with the exception of students who took Algebra I in Middle School.

Students wanting to test out of high school courses must follow the guidelines listed below:

- 1. Sign up for testing out with the Guidance Office;*
- 2. Course descriptions and objectives may be accessed via the [Guidance Office’s Testing Out page](#);*
- 3. Students will have the opportunity to test out of classes for credit at least two times a year, once in the fall and spring;*
- 4. Only 2 attempts will be allowed per class -- an attempt will be counted if a student fails to report on the date they signed up to test out.*

ART COURSES**ART A – INTRO TO ART (COURSE #10012C) VPAA APPROVED 9, 10, 11, 12 .5 CREDIT (1 SEM.)****PREREQUISITE: NONE**

This course is an introductory course that lays foundations for all other art course offerings. In this class, students will experience the four National Art Standards: Create, Perform, Present and Respond. The course will explore the idea of what art is through art lessons and critiques. Students will also learn the basic elements and principles of art and design that are the makeup of all artwork. Students will have the opportunity to work with various media, as well as focus on care of studio space and equipment. Problem-solving skills are built through cross-curricular lessons. There is no prerequisite required nor do students have to display natural ability to partake in Art A. Students taking this course are expected to demonstrate respect, responsibility and resilience. A final exam is required.

ART B – DRAWING & PAINTING (COURSE #10011C) VPAA APPROVED 9, 10, 11, 12 .5 CREDIT (1 SEM.)**PREREQUISITE: ART A**

This course is designed to introduce students to various techniques of drawing and painting. Quarter one will heavily focus on drawing projects, while quarter two will be focused on painting. Design elements and composition are stressed throughout the semester allowing students to develop better skills to solve and resolve visual problems. Students will work with various media, i.e. graphite, charcoal, colored pencils, ink, watercolor, and acrylic. Still life arrangements, photographs, and experiences will be subjects. Students will practice their observation of detail and recall in both natural and human-made objects, while studying a variety of techniques in each medium. A final project and written exam are required.

ART C – CERAMICS/SCULPTURE (COURSE #10031C) VPAA APPROVED 9, 10, 11, 12 .5 CREDIT (1 SEM.)**PREREQUISITE: ART A**

In this course, students will explore ceramics and hand-built construction techniques (pinch, slab and coil pots). Students will additionally get to learn and experience wheel throwing for a minimum of one week. Craftsmanship and design are imperative to success in this course. Finishing techniques such as glazing will also be the focus of instruction. Students will make connections between ceramics and its importance to art history and cultures around the world. In this class, students will experience the four National Art Standards: Create, Perform, Present and Respond. All projects will be paired with critiques and writing artist statements. A final project and written exam are required.

VPAA Approved Courses: (Visual, Performing, Applied Arts)

Art A	Symphony Band	Concert Choir	Engineering
Art B	Concert Band	Women's Chorus	Yearbook
Art C	Marching Band	Aristocrats (Honors Choir)	
Art D	3 rd Credit - Foreign Language		

*Some CTE Programs also qualify – see your Counselor for details.

INDEPENDENT STUDY ART (COURSE #10045C) VPAA APPROVED 11, 12 .5 CREDIT (1 SEMESTER)

PREREQUISITE: ART A, ART B OR C, AND TEACHER APPROVAL (APPLICATION REQUIRED)

This course is designed for students who wish to study art in college, or a very serious art student wanting to focus in an area of concentration, i.e. painting, drawing, ceramics, portfolio preparation, etc. The students must have previously taken the necessary art classes in order to work in her/his area of interest. Students MAY NOT use a technique not previously studied. Students may either prepare a portfolio or concentrate on a specific medium, technique or subject. Each student will be required to complete a minimum of six projects, keep a sketchbook, and develop a written analysis of her/his own work. The teaching approaches to this class will be determined by the individual student and/or group needs and interests. Each student must demonstrate a high degree of interest and/or skill with the ability to work independently at whatever experimentation or creation she/he undertakes. Objectives will largely depend on the specific project or study selected by the individual under the guidance and supervision of the teacher. Students will be expected to establish criteria for personal evaluation. A final portfolio is required.

BUSINESS (CTE) COURSES

CTE MARKETING I (COURSE #10065A/10065B) VPAA APPROVED 10, 11, 12 1 CREDIT (2 SEMESTERS)

PREREQUISITE: NONE

Marketing Education is the study of basic business and marketing concepts. This program prepares students for careers in marketing and retail in a wide variety of areas such as apparel and accessories, sports/entertainment, retail merchandising and business ownership. Students will receive instruction on building displays, sales techniques, management, promotions, human relations, economics, financing, pricing, market trends and advertising. Students have the opportunity to practice these skills through the operation of the school store. Students may participate in DECA, a national student organization, which provides students with leadership and competitive conference opportunities. Credit may be articulated with Glen Oaks Community College, Davenport University and Baker College.

CTE MARKETING II (COURSE #10067A/10067B) VPAA APPROVED 11, 12 1 CREDIT (2 SEMESTERS)

PREREQUISITE: MARKETING I

In Marketing II the emphasis is placed on the application of the skills learned in Marketing I. Students operate the School Store, complete marketing projects, develop good work habits, and continue to develop specialized skills in their career area. DECA provides more opportunities for skill application through participation in projects, activities, competitions, leadership development, and social activities.

CTE MARKETING III (COURSE #10070A/10070B) VPAA APPROVED 11, 12 1 CREDIT (2 SEMESTERS)

PREREQUISITE: MARKETING I & II

Marketing III provides the student with the opportunity to continue the study of marketing and business principles along with retail merchandising and management skills in the school store. The student will gain more experience through participation in DECA.

FAMILY CONSUMER SCIENCES COURSES

NUTRITION & FOODS (COURSE #10155C) 10, 11, 12 .50 CREDIT (1 SEMESTER)

PREREQUISITE: HEALTH

This introductory course is designed to help students become aware of adequate nutritional needs and how to choose and prepare foods to meet these needs. Emphasis is placed on students understanding current nutrition related issues and the development of skills needed to choose healthier diets.

Enrichment activities include preparing nutritious foods and gaining cooking skills.

PARENTING/CHILD DEV C (COURSE #10175C)	11, 12	.50 CREDIT (1 SEMESTER)
--	--------	-------------------------

PREREQUISITE: HEALTH

This course teaches parenting and caregiving roles in relation to the developing child as well as guiding them in the learning process in the development of a child from conception to five years of age.

FOREIGN LANGUAGE COURSES

SPANISH I (COURSE #10310A/10310B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
-----------------------------------	---------------	------------------------

PREREQUISITE: NONE

Spanish I is a beginning course in basic Spanish, emphasizing vocabulary and basic grammar. It integrates listening, speaking, reading and writing skills.

SPANISH II (COURSE #10312A/10312B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
------------------------------------	---------------	------------------------

PREREQUISITE: SPANISH I

This is an intermediate course building on Spanish I. Students should have a solid background in Spanish I (C or better recommended).

SPANISH III (COURSE #10315A/10315B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
-------------------------------------	---------------	------------------------

PREREQUISITE: SPANISH II

This is an advanced course building on Spanish II. Students should have a solid background in Spanish II (C or better recommended).

HEALTH COURSES

HEALTH (COURSE #10160C)	9, 10	.50 CREDIT (1 SEMESTER)
-------------------------	-------	-------------------------

PREREQUISITE: NONE

The High School Health Education Course is designed to enhance the awareness and knowledge of healthy lifestyle choices. Students will take active roles in the classroom in order to address essential questions relating to health. Students will learn about adolescent behaviors with regards to the following: dietary patterns that contribute to disease, basic nutrition, sedentary lifestyles, mental and emotional health, relationships, alcohol, and drug use, pregnancy prevention, HIV & other STI's, and behaviors that result in intentional and unintentional injury.

LANGUAGE ARTS COURSES

ENGLISH LANGUAGE ARTS 9 (COURSE #10200A/10200B)	9	1 CREDIT (2 SEMESTERS)
---	---	------------------------

PREREQUISITE: NONE

This course uses literature as a springboard for improvement of basic reading and writing skills and vocabulary development. Grammar skills are improved through individual writing, use of daily oral language, and grammar review, instruction, and practices. Critical reading development is encouraged through the use of the literature text. (Sections A & B)

ENGLISH LANGUAGE ARTS 10 (COURSE #10205A/10205B)	10	1 CREDIT (2 SEMESTERS)
--	----	------------------------

PREREQUISITE: LANGUAGE ARTS 9

This course uses all of the stages of the writing process in conjunction with classic literature, memoirs, and informational text to encourage individual writing development and critical thinking skills. Areas emphasized in this course include comprehension-driven writing, literary writing, informative exposition,

and rhetorical analysis. Grammar and critical thinking skills are taught through multiple modalities that further enhance the learning and overall classroom environment. (Sections A & B)

ENGLISH LANGUAGE ARTS 11 (COURSE #10207A/10207B) 11 1 CREDIT (2 SEMESTERS)

PREREQUISITE: LANGUAGE ARTS 9 & 10

This course continues the development of the writing process in relation to literature and non-fiction. Areas emphasized in writing include examining changes, drawing conclusions, persuasive essay, and critical analysis. The Glencoe textbook will afford additional opportunities to extend critical thinking and correct grammar usage. Literature in the form of stories, poems, major plays, and novels will also be included.

ENGLISH LANGUAGE ARTS 12 (COURSE #10208A/10208B) 12 1 CREDIT (2 SEMESTERS)

PREREQUISITE: LANGUAGE ARTS 9, 10 & 11

This course prepares students for college, which is defined as “any” type of post-secondary training. Students will be exposed to a number of different activities including filling out college applications, applying for FAFSA, and preparing for their senior exit interview. In addition to this, the course will also combine literature, grammar, and grade level vocabulary. Critical and analytical skills will be addressed through in class and outside readings.

HONORS LANGUAGE ARTS 9 (COURSE #10231A/10231B) 9 1 CREDIT (2 SEMESTERS)

PREREQUISITE: TEACHER RECOMMENDATION

This course is for the student who is college bound or intends to challenge himself/herself academically. Combining the more rigorous materials from both Language Arts 9 and Language Arts 10, Honors ELA 9 - in line with SAT and college preparation- focuses on analytical writing, reading of classic and current fiction and nonfiction associated with essential questions, in-depth vocabulary study, and essential grammar standards.

HONORS LANGUAGE ARTS 10 (COURSE #10232A/10232B) 9,10 1 CREDIT (2 SEMESTERS)

PREREQUISITE: TEACHER RECOMMENDATION

This course is for the college-bound student. The course concentrates on a combination of Language Arts 11 curriculum and prep material for Advanced Placement Language and Composition. Curriculum is presented at an accelerated pace.

AP LITERATURE (COURSE #10217A/10217B) 11, 12 1 CREDIT (2 SEMESTERS)

PREREQUISITE: AP LANGUAGE & COMPOSITION/TEACHER RECOMMENDATION

This course provides a study of literature for students who wish to benefit from a college-level course on the high school campus. Students will demonstrate superior aptitude and skill interpreting literature and writing critical analysis regarding theme, structure, and style. In May a student may earn college credit by taking the English Literature Exam administered by the College Board.

AP LANGUAGE & COMPOSITION (COURSE #10233A/10233B) 10, 11, 12 1 CREDIT (2 SEMESTERS)

PREREQUISITE: HONORS LANGUAGE ARTS 10 AND/OR TEACHER RECOMMENDATION

This course focuses on students becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Students will write in a variety of forms – analytical, narrative, exploratory, expository, and argumentative – and on a variety of subjects: personal, social, political, historical, and popular culture. Students will be encouraged to place their emphasis on content, purpose, and audience. In May a student may earn college credit by taking and passing the English Language and Composition Exam administered by the College Board.

MYTHOLOGY ENHANCED (COURSE #10285C)	12	.5 CREDIT (1 SEMESTER)
--	-----------	-------------------------------

PREREQUISITE: LANGUAGE ARTS 9, 10 AND 11, OR ADVANCED COURSE EQUIVALENTS

This senior-level enhanced course covers a wide range of mythological stories. We will cover Greek, Norse, and Middle Eastern myths, including creation stories, tying in more modern-day documents where appropriate (i.e., there are many links between world religion and mythology, and surprisingly, there are many allusions to mythology in current literature and mainstream media). The second portion of the course focuses on the hero's journey across world mythology.

COMMUNICATION FOR HIGHER LEARNING (COURSE #10249C)	12	.5 CREDIT (1 SEMESTER)
---	-----------	-------------------------------

PREREQUISITE: LANGUAGE ARTS 9, 10 AND 11, OR ADVANCED COURSE EQUIVALENTS

This enhanced senior-level class focuses on developing the skills needed to be an effective communicator in a post-secondary setting. The course will focus on argumentative and analytical writing for college and MLA and APA documentation. It will also include techniques and development of skills related to: speaker anxiety, organization, delivery, reliable research, connecting with listeners, and analysis of exemplar speeches.

SENIOR SEMINAR (COURSE #30300)	12	.5 CREDIT (1 SEMESTER)
---------------------------------------	-----------	-------------------------------

Senior Seminar is a comprehensive course for students in their final year at Three Rivers High School. The course focuses on post-secondary planning, along with a well-defined financial literacy component.

YEARBOOK PUBLICATIONS (COURSE #10120A/10120B)	VPAA APPROVED	10, 11, 12	1 CREDIT (2 SEMESTERS)
--	----------------------	-------------------	-------------------------------

PREREQUISITE: 3.0 AVERAGE GPA, B AVERAGE IN ENGLISH, AND ADVISOR APPROVAL (APPLICATION REQUIRED)

This course is designed for the highly motivated student who has demonstrated proficiency in writing and an ability to work well independently. This class emphasizes writing skills, advanced copywriting and proofreading skills. Additional focus is placed on page and document layout, photography, interviewing skills, advertising techniques, and sales. This class is responsible for the production of the school yearbook. This course may be taken more than once.

MATHEMATICS COURSES

ALGEBRA I (COURSE #10415A/10415B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
--	----------------------	-------------------------------

PREREQUISITE: NONE

Algebra I lays the foundation for all future math classes. This course covers: solving one-, two-, and multi-step equations; solving and graphing linear equations, inequalities and functions, solving systems of linear equations; exponents and exponential functions; graphing and solving quadratic equations; factoring; and operations with polynomials.

ALGEBRA II (COURSE #10417A/10417B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
---	----------------------	-------------------------------

PREREQUISITE: ALGEBRA I, GEOMETRY

Algebra II covers systems of equations; absolute value, exponential, quadratic, and polynomial functions; complex numbers; function operations and inverses; and rational expressions. Many Algebra I concepts are taken to a higher level. A graphing calculator is highly recommended.

HONORS ALGEBRA I (COURSE #10402A/10402B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
---	----------------------	-------------------------------

PREREQUISITE: TEACHER RECOMMENDATION REQUIRED. STUDENTS MUST HAVE A MATH MAP SCORE AT OR ABOVE 230 OR 90% OR BETTER IN BOTH SEMESTERS OF 8TH-GRADE MATH.

This course is for the college-bound student. The course covers the same material as Algebra I but at an accelerated rate and greater depth.

HONORS ALGEBRA II (COURSE #10413A/10413B)	10, 11, 12	1 CREDIT (2 SEMESTERS)
--	-------------------	-------------------------------

PREREQUISITE: ALGEBRA I, GEOMETRY, TEACHER RECOMMENDATION

This course is for the college-bound student. The course covers the same material as Algebra II but at an accelerated rate and greater depth.

GEOMETRY (COURSE #10430A/10430B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
---	----------------------	-------------------------------

PREREQUISITE: ALGEBRA I

In Geometry, students learn about coordinates and transformations, angle relationships, congruence, probability, similarity, right triangle trigonometry, circles, properties of polygons and three-dimensional figures, and modeling using geometry. Applications abound throughout the course.

HONORS GEOMETRY (COURSE#10234A/10234B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
---	----------------------	-------------------------------

PREREQUISITE: ALGEBRA I (WITH A B OR HIGHER)

This course is for the college-bound student. The course covers the same material as Geometry but at an accelerated rate and greater depth.

ADVANCED ALGEBRA/TRIGONOMETRY (COURSE #10440A/10440B)	11, 12	1 CREDIT (2 SEMESTERS)
--	---------------	-------------------------------

PREREQUISITE: ALGEBRA I & II, GEOMETRY, TEACHER RECOMMENDATION

This course covers vectors, polar coordinates and exponential functions. The first Semester covers trigonometric functions as well as circular functions. A graphing calculator is highly recommended.

AP CALCULUS (COURSE #10450A/10450B)	11, 12	1 CREDIT (2 SEMESTERS)
--	---------------	-------------------------------

PREREQUISITE: ADVANCED ALGEBRA, TEACHER RECOMMENDATION

Students in Calculus AB will develop an understanding of the concepts of calculus and provide experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. This course will consist of a full high school academic year of work and is comparable to a calculus course in colleges and universities. It is expected that students who take Calculus AB will seek college credit, college placement, or both, from institutions of higher learning.

MUSIC COURSES

CONCERT BAND (COURSE #10500A/10500B)	VPAA APPROVED	9, 10, 11, 12	1 CREDIT (2 SEM.)
---	----------------------	----------------------	--------------------------

PREREQUISITE: MIDDLE SCHOOL BAND, AUDITION, AND/OR DIRECTOR PERMISSION

Concert band is a performing ensemble for 9th through 12th graders with the emphasis placed on learning and developing fundamental skills such as tone production, intonation, rhythm, technique, and musical interpretation. Mastery of these skills is necessary to continue on to the Symphony Band in following years. Band is a full year class. Students enrolled in band are expected to participate during both Semesters.

SYMPH./MARCHING BAND (COURSE #10505A/10505B)	VPAA APPROVED	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
---	----------------------	----------------------	-------------------------------

PREREQUISITE: MIDDLE SCHOOL BAND, AUDITION, AND/OR DIRECTOR PERMISSION

Symphony band is a performing ensemble for 9th through 12th grade which reinforces skills gained in middle school band and Concert Band, with the emphasis placed on gaining an understanding of music as an art form through many varied performance opportunities. Band is a full year class. Students enrolled in band are expected to participate during both Semesters.

The outcomes for Concert Band and Symphony Band are essentially the same. The higher the grade level of each individual student, the higher the proficiency level each outcome should be for that student.

CONCERT CHOIR (COURSE #10515A/10515B)	VPAA APPROVED	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
---------------------------------------	---------------	---------------	------------------------

PREREQUISITE: NONE

Concert Choir is open to all male and female students. This class is for the developing singer. Concert choir will perform in the school and community also.

BELLA VOCE (COURSE #10518A/10518B)	VPAA APPROVED	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
------------------------------------	---------------	---------------	------------------------

PREREQUISITE: AUDITION/MUSIC READING

Bella Voce is an intermediate women's choral ensemble open to high school students by audition with the choral director. Members must be able to read music and should expect to perform at intermediate to advanced levels, utilizing three and four part voicings. Women's Chorus performs actively in the school, clinics, and festivals throughout the state.

ARISTOCRATS CHOIR (COURSE #10520A/10520B)	VPAA APPROVED	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
---	---------------	---------------	------------------------

PREREQUISITE: AUDITION

Aristocrats is a choral class open to high school students by audition with the choral director. The class is for more advanced singers who will perform actively in the community, school, and at clinics and festivals.

PHYSICAL EDUCATION COURSES

INTRO TO FITNESS (COURSE #10550C)	9, 10, 11, 12	.50 CREDIT (1 SEMESTER)
-----------------------------------	---------------	-------------------------

PREREQUISITE: NONE

This introductory course teaches students the basic methods of developing muscular strength, muscular endurance, and flexibility. It is a fitness class designed to prepare the student for a successful level of fitness throughout life. The course itself entails the use of weight machines, free weights, running form, and other forms of anaerobic and aerobic training. Students will be participating in fitness activities in the weight room and gymnasium, that include cardiovascular exercises, strength training exercises and fundamental sport activities. Daily participation and appropriate dress are required.

ADVANCED STRENGTH TRAINING (COURSE #10553A/10553B)	9,10, 11, 12	.50 CREDIT (1 SEMESTER)
--	--------------	-------------------------

PREREQUISITE: MUST BE AN ATHLETE AT TRHS OR HAVE COMPLETED INTRO TO FITNESS & APPROVAL BY THE INSTRUCTOR

This course is for the student athlete who is serious and dedicated in the development of muscular strength, muscular endurance, and flexibility. This course will provide programs that may be individualized to a students' sports and interests. Areas of strength, power, vertical jump, speed and agility will be recorded and evaluated. Advanced running techniques will be taught as part of the speed development unit. Emphasis will also be given to developing and acquiring athletic fitness components; e.g., agility, speed, quickness, balance, and flexibility. Student athletes will benefit from the opportunity to improve strength and conditioning during school hours. This course may be repeated.

SCIENCE COURSES

FORENSIC SCIENCE (COURSE #10617A/10617B)	11, 12	1 CREDIT (2 SEMESTERS)
--	--------	------------------------

PREREQUISITE: 2 PREVIOUS SCIENCE CLASSES WITH A C OR BETTER IN EACH

Forensic Science is the application of science to legal questions based on "evidence." This course will focus on careful observation, documentation of observation, and problem solving. Students will utilize careful lab procedures/observations and study of crime scene investigations to draw conclusions based on physical evidence. Students will examine, evaluate, and explain physical evidence such as fingerprinting, hair and fiber analysis, blood typing, unknown powder identification, blood spatter analysis, and other techniques often associated with crime scene investigations.

BIOLOGY (COURSE #10620A/10620B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
PREREQUISITE: NONE Biology will involve an investigation of the following topics: cell structure, function, and biochemistry, as well as energy transformations; homeostasis and disease; matter and energy transfer in ecosystems; population ecology; genetics; and evolution. Special emphasis will be placed on relating class topics to laboratory observations and the development of good investigative skills.		
HONORS BIOLOGY (COURSE #10624A/10624B)	9, 10, 11, 12	1 CREDIT (2 SEMESTERS)
PREREQUISITE: TEACHER RECOMMENDATION This course is for the college-bound student. The course concentrates on a combination of Biology and AP Biology curriculum presented at an accelerated rate.		
AP BIOLOGY (COURSE #10622A/10622B)	10, 11, 12	1 CREDIT (2 SEMESTERS)
PREREQUISITE: BIOLOGY AP Biology is representative of the material covered by an introductory college biology course. This course is divided into three general areas: Molecules and Cells, Heredity and Evolution, and Organisms and Populations. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. The primary emphasis will be on understanding concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are a grasp of science as a process rather than as an accumulation of facts, personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. Sophomores may take this class if they maintained an A average in Honors Biology.		
CHEMISTRY (COURSE #10625A/10625B)	10, 11, 12	1 CREDIT (2 SEMESTERS)
PREREQUISITE: BIOLOGY; ALGEBRA RECOMMENDED This course is a general course in chemistry. The topics covered include metric measurements, properties of matter, atomic structure, chemical formulas, and chemical equations, phases of matter, and acid-base problems. The student is expected to perform well on chapter tests, solve problems, and perform related lab experiments.		
HONORS CHEMISTRY (COURSE #10626A/10626B)	11, 12	1 CREDIT (2 SEMESTERS)
PREREQUISITE: BIOLOGY; ALGEBRA RECOMMENDED This course is for the college-bound student. Material is presented at an accelerated pace.		
AP CHEMISTRY (COURSE #10628A/10628B)	11, 12	1 CREDIT (2 SEMESTERS)
PREREQUISITE: ALGEBRA II (CAN BE CONCURRENT); B OR HIGHER IN CHEMISTRY AP Chemistry follows the topics in lecture and in the laboratory of a typical first year college course in general chemistry. Students will attain a depth of understanding of the fundamentals of chemistry, competence in answering chemical problems, an ability to express their ideas in writing and orally, and an ability to think clearly and logically. The course will cover the chemical theories that are the foundation for all areas of chemistry. Qualitative and quantitative laboratory work will be an essential component of the course.		
APPLIED PHYSICS (COURSE #10631A/10631B)	11, 12	1 CREDIT (2 SEMESTERS)
PREREQUISITE: BIOLOGY A hands-on exploration of physics concepts solving real world mechanical and electro-mechanical problems. Semester 1 is focused on motion and breaking down problems of movement. and Semester 2 is focused on electricity, electronics, sensors and controls. Students will demonstrate knowledge of the		

material through their completing projects that make use of physics concepts.

ANATOMY & PHYSIOLOGY (COURSE #10635A/10635B)	10, 11, 12	1 CREDIT (2 SEMESTERS)
--	------------	------------------------

PREREQUISITE: BIOLOGY & CHEMISTRY WITH A B OR BETTER RECOMMENDED

The course content focuses on the relationship between structure and function of all human body systems. Students will be expected to dissect a rabbit for in-depth understanding of anatomy, and to perform well on quizzes, tests, and laboratory practical examinations. Students will also complete projects that include individual research, term papers, and oral presentations. Sophomores may take this class if they maintained an A average in Honors Biology.

PHYSICS (COURSE #10630A/10630B)	10, 11, 12	1 CREDIT (2 SEMESTERS)
---------------------------------	------------	------------------------

PREREQUISITE: ALGEBRA I

Course content includes mechanics (motion and forces), heat, sound, optics, and electricity. The student will be expected to perform well on periodic examinations, develop solutions to special problems using critical thinking skills, and complete related lab work.

SOCIAL STUDIES COURSES

BASIC ECONOMICS (COURSE #10702C)	10	.50 CREDIT (1 SEMESTER)
----------------------------------	----	-------------------------

PREREQUISITE: NONE

Basic Economics is a core area subject offered at the 10th grade level. The content of this course includes an examination of basic economic issues such as scarcity, supply and demand, markets, and the benefits of economic interaction and interdependence. This course covers microeconomic and macroeconomic issues as well as personal finance.

CIVICS (COURSE #10745C)	10	.50 CREDIT (1 SEMESTER)
-------------------------	----	-------------------------

PREREQUISITE: US HISTORY/GEOGRAPHY

Civics is a 10th grade course intended to generate informed and responsible citizens. This course encourages inquiry and participation of all students. Content that is covered includes the nature of civic life, politics, and government, as well as the origins and functions of American Government. There is also an emphasis on the rights and responsibilities of American Citizens.

US HISTORY/GEOGRAPHY (COURSE #10712A/10712B)	9	1 CREDIT (2 SEMESTERS)
--	---	------------------------

PREREQUISITE: NONE

United States History is a core area subject offered at the 9th grade level. The specific content of this course is divided into four temporal categories: The development of an industrial, urban and global United States (1870-1930), The Great Depression and World War II (1920-1945), Postwar United States (1945-1989), America in a New Global Age (1990 – present).

WORLD HISTORY/GEOGRAPHY (COURSE #10725A/10725B)	11, 12	1 CREDIT (2 SEMESTERS)
---	--------	------------------------

PREREQUISITE: NONE

World History and Geography is a core area subject offered at the 11th grade level. This course places an emphasis on the investigation of global patterns and developments over time, as well as the interactions among societies and regions. The course content covers three eras in world history; Expanding Hemispheric Interactions (300 to 1500 C.E.), The First Global Age (15th to 18th Centuries) and the Age of Global Revolutions (18th Century to 1914).

CURRENT ISSUES (COURSE #10765C)	10, 11, 12	.50 CREDIT (1 SEMESTER)
---------------------------------	------------	-------------------------

PREREQUISITE: NONE

This course covers daily events of the world and the United States. In depth issues will be explored as they pertain to this ever-changing world.

PERSONAL FINANCE (COURSE #10394C)	10, 11, 12	.50 CREDIT (1 SEMESTER)
-----------------------------------	------------	-------------------------

This course is taken concurrently with Basic Econ and covers the personal finance content expectations set by the MMC: Earning income; Buying goods/services; Budgeting/saving; Using credit; Financial investing; Protecting and insuring; and Paying taxes.

PSYCHOLOGY (COURSE #10760C)	11, 12	.50 CREDIT (1 SEMESTER)
-----------------------------	--------	-------------------------

PREREQUISITE: NONE

Psychology explores the major areas of modern psychological principles as they apply to the individual. Some specific areas of study are the principles of learning, the process of thinking, personality development, behavior disorders, and heredity.

SOCIOLOGY (COURSE #10750C)	11, 12	.50 CREDIT (1 SEMESTER)
----------------------------	--------	-------------------------

PREREQUISITE: NONE

Sociology is the study of human relationships. Students are concerned with the meaning of culture, personality, social groups, the American social structure, collective behavior, and other aspects of human behavior. A successful student of sociology develops a mature, unbiased view of human relationships.

SPECIAL EDUCATION COURSES

READING REMEDIATION (COURSE #10202A/10202B)	9, 10, 11, 12	.50 CREDIT (1 SEMESTER)
---	---------------	-------------------------

PREREQUISITE: MAP/MSTEP DATA AND CASE MANAGER RECOMMENDATION

Reading Remediation utilizes the SRA FLEX Literacy program, a comprehensive Reading and Language Arts intervention system for struggling readers. Students participate in the Digital Experience of the program, which is an online system for providing instruction, practice, assessment, and review in objectives related to Language Arts. Each student will have their own account allowing them access to the web-based program that provides an individualized course of instruction. This course may be taken more than once.

BASIC SCIENCE (COURSE #10607/10607B)	9,10,11,12	.50 CREDIT (1 SEMESTER)
--------------------------------------	------------	-------------------------

PREREQUISITE: NONE

This special education science course is intended to enrich students by supporting them in acquiring foundational skills in the life and physical sciences.

HEALTHY LIVING (COURSE #15002B)	9,10,11,12	.50 CREDIT (1 SEMESTER)
---------------------------------	------------	-------------------------

PREREQUISITE: NONE

This special education course is designed to teach skills to enrich and support their life choices. Topics that will be taught may include: nutrition, safety skills, cooking, physical education, personal hygiene, understanding mental health and coping strategies.

BASIC MATH I (COURSE #10403A/10403B)	9, 10	.50 CREDIT (1 SEMESTER)
--------------------------------------	-------	-------------------------

PREREQUISITE: MAP/MSTEP DATA AND CASE MANAGER RECOMMENDATION

Special education math for freshmen and sophomores. Basic math is designed to meet the needs of students needing extra support in the area of math. Instruction is based on Michigan's Essential Elements for math and will cover topics such as Number and Quantity, Algebra, Geometry, and Statistics and Probability.

BASIC MATH II(COURSE #10405A/10405B)	9, 10	.50 CREDIT (1 SEMESTER)
---	--------------	--------------------------------

PREREQUISITE: BASIC MATH DATA AND CASE MANAGER RECOMMENDATION

Special education math for juniors and seniors. Basic math is designed to meet the needs of students needing extra support in the area of math. Instruction is based on Michigan's Essential Elements for math and will cover topics such as Number and Quantity, Algebra, Geometry, and Statistics and Probability.

CIVICS (COURSE #10765)	9, 10, 11, 12	.50 CREDIT (1 SEMESTER)
-------------------------------	----------------------	--------------------------------

PREREQUISITE: TEACHER RECOMMENDATION

This special education civics course is intended to generate informed and responsible citizens.

ACADEMIC ASSISTANCE (COURSE #10840A/10840B)	9, 10, 11, 12	.50 CREDIT (1 SEMESTER)
--	----------------------	--------------------------------

PREREQUISITE: TEACHER RECOMMENDATION

Academic Assistance provides individual and small-group assistance to reinforce high school content expectations, study skills, and employability skills. Students are able to complete assignments, assessments, and projects. Teachers provide a quiet environment for students to study and monitor student progress in all classes. This course may be taken more than once.

LIFE SKILLS I(COURSE #15000A/15000B)	9, 10, 11, 12	.50 CREDIT (1 SEMESTER)
---	----------------------	--------------------------------

PREREQUISITE: NONE

Three Rivers High School offers two Life Skills courses designed to meet the needs of non-diploma track students. The goal of the TRHS Life Skills program is to prepare students to become fully participating members of our community and to work on their IEP goals. Three Rivers High School has implemented a comprehensive program that includes: • Functional academic content • Daily living skills • Social and behavioral skills • Pre-Employment support

LIFE SKILLS II (COURSE #15003A/15003B)	9, 10, 11, 12	.50 CREDIT (1 SEMESTER)
---	----------------------	--------------------------------

PREREQUISITE: NONE

Life Skills courses are designed to meet the needs of non-diploma track students. The goal of the TRHS Life Skills program is to prepare students to become fully participating members of our community and to work on their IEP goals. Three Rivers High School has implemented a comprehensive program that includes: • Functional academic content • Daily living skills • Social and behavioral skills • Pre-Employment support. CI II is constructed for juniors and seniors.

ST. JOSEPH COUNTY CAREER TECHNICAL EDUCATION (CTE) COURSES

AGRISCIENCE (COURSE #10915A/10915B)	11, 12	3 CREDITS (2 SEMESTERS)
--	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL – SCIENCE BACKGROUND HELPFUL

This course will prepare students for careers related to agriculture, the environment and natural resources. Topics include agricultural sciences, earth sciences, environmental sciences, forestry, horticulture and wildlife. The program is composed of the following courses: Natural Resources, Agriculture, Mechanics, Management and Marketing, Agriscience, Landscape Horticulture and Advanced Plant and Soil Science. Hands-on activities focus on scientific topics related to agriculture in student learning labs. These labs include a greenhouse, lab, nature area and a fully equipped barn. Students have the opportunity to develop leadership skills by participating in the FFA, a national organization for students in agricultural education. This course may be taken more than once.

AUTO TECHNOLOGIES (COURSE #10940A/10940B)	11, 12	3 CREDITS (2 SEMESTERS)
--	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL – ABILITY TO READ TECHNICAL MANUALS & MECHANICAL APTITUDE

Automotive Technologies is designed for students interested in an automotive related career. Students will learn foundational knowledge, service skills and diagnostic problem solving in the following areas: brake systems, ignition systems, emissions and engine controls, fuel and exhaust systems, steering and suspension, electrical systems, electronics and cylinder head reconditioning. Safety is emphasized throughout the course. Common repair practices are emphasized by utilizing hands-on experiences on shop-owned vehicles, component parts, and actual customer vehicles. State of Michigan testing is required. Michigan Motor Vehicle Mechanic Competency tests are administered. Students who successfully complete this program can earn Glen Oaks Community College credits while still in high school. This course may be taken more than once.

AVIATION (COURSE #10916A/10916B)	11, 12	3 CREDITS (2 SEMESTERS)
---	---------------	--------------------------------

This ground-based Career Technical Education program is tailored for aspiring pilots, aircraft technicians, or aviation enthusiasts and covers the fundamentals of flight, aircraft operations, and aerospace technology. Students explore aerodynamics, navigation principles, aviation safety, and the mechanics of aircraft systems. Engage in hands-on experiences that may include flight simulation, maintenance workshops, and visits to aviation facilities. The curriculum also emphasizes essential skills such as critical thinking, problem-solving, and teamwork, preparing students for potential careers in aviation or further studies in related fields. This ground course will prepare you to take the Federal Aviation Administration (FAA) private pilot written exam.

COMPUTER NETWORKING (COURSE #10961A/10961B)	11, 12	2 CREDITS (2 SEMESTERS)
--	---------------	--------------------------------

In this class, you'll learn everything from the basics of setting up and repairing computers, to connecting networks and the fast-growing, fast-paced world of cybersecurity. You will also have opportunities to prepare and take multiple industry certifications that help graduates leave the class ready for their first job!

CONSTRUCTION TRADES Y1 (COURSE #10925Y1A/10925Y1B)	11, 12	2 CREDITS (2 SEMESTERS)
---	---------------	--------------------------------

Students will learn the basics of building a house from foundations to framing, electrical to plumbing, estimating to project management -- and more! If you like working with your hands, you will love this class! There is a wide variety of high demand jobs in the construction industry to meet your interests.

CONSTRUCTION TRADES Y2 (COURSE #10925Y2A/10925Y2B)	11, 12	2 CREDITS (2 SEMESTERS)
---	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL – MEASURING/MATH SKILLS HELPFUL; INDUSTRIAL/TECHNOLOGY CLASSES PREFERRED

This course offers basic knowledge and practical experience in various aspects of the construction trades. Students build a new residence at a job site from the foundation to the roof by learning various methods and techniques. The house project requires the student to do physical labor in both indoor and outdoor conditions. Students learn framing, roofing, concrete, finish work, safe use of power equipment and other construction skills.

CULINARY ARTS (COURSE 10153A/10153B)	11, 12	3 CREDITS (2 SEMESTERS)
---	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL

This course is designed to cover all aspects of food, different cuisines and its preparation through hands-on skills. It will introduce students to the wealth of career opportunities within the Culinary/Food service areas. Credit may be articulated with Glen Oaks Community College. This course may be taken

more than once.

ELECTRICAL PLUMBING AND HVAC Y1 (COURSE #10926Y1A/10926Y1B)	11, 12	3 CREDITS (2 SEMESTERS)
--	---------------	--------------------------------

This class focuses on the high-wage, high-demand skilled trades: electrical, plumbing and HVAC. These skilled trades are especially needed in St. Joseph County. Students will be prepared to go straight to a career, an apprenticeship, or college after high school.

ELECTRICAL PLUMBING AND HVAC Y2 (COURSE #10926Y2A/10926Y2B)	11, 12	3 CREDITS (2 SEMESTERS)
--	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL – MEASURING/MATH SKILLS HELPFUL; INDUSTRIAL/TECHNOLOGY CLASSES PREFERRED
This class focuses on the high-wage, high demand skilled trades: electrical, plumbing and heating and air conditioning. These skilled trades are especially needed in St. Joseph County. Students will be prepared to go straight to career, an apprenticeship, or college after school.

ENGINEERING, DESIGN AND MANUFACTURING (COURSE #10955A/10955B)	11, 12	2 CREDITS (2 SEMESTERS)
--	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL – MECHANICAL APTITUDE, GEOMETRY/ALGEBRA PREFERRED
Computer Aided Design (CAD) is a program in which students learn drafting skills using Auto CAD to solve detailed engineering drawing problems. This course is geared toward students interested in becoming a drafter or engineer. Students work on-projects related to mechanical tool design, jig and fixture design, assembly drawings and other in-depth applications of the CAD system. Credit may be articulated with Glen Oaks Community College and Baker College. This course may be taken more than once.

GRAPHIC DESIGN (COURSE 10953A/10953B)	VPAA APPROVED	11, 12	3 CREDITS (2 SEMESTERS)
--	----------------------	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL
Graphic Design offers a unique opportunity to gain high-tech skills and college credit in digital media production for print and web applications. Learn the foundations of design principles and create real-world projects within the realm of commercial advertising and digital publishing. Discover how past and present artists along with art movements have influenced design choices and affect modern culture. The state-of-the-art Mac Lab at Glen Oaks Community College provides a professional environment where skills in Adobe Photoshop, Illustrator and InDesign programs are acquired and practiced on a daily basis. Students also have opportunities to exhibit their design work in area art shows and participate in field trips to acclaimed art and design schools, exhibits and galleries. Credit may be articulated with Glen Oaks Community College. This course may be taken more than once.

HEALTH SCIENCES (COURSE 10960A/10960B)	11, 12	3 CREDITS (2 SEMESTERS)
---	---------------	--------------------------------

PREREQUISITE: ACCUPLACER TESTING; COUNSELOR APPROVAL – CHEMISTRY & BIOLOGY PREFERRED
This course is designed for students interested in a career in the health field. Students learn basic human anatomy and physiology, human growth & development, vital signs, CPR, therapy techniques for rehabilitation and medical terminology. Classroom, laboratory & clinical experiences are used to give an overview of the healthcare field. After mastering the core curriculum, students are given the opportunity to individualize their clinical experience to meet their career interests. Students have the opportunity to participate in Health Occupations Students of America (HOSA), a national organization for students. Students who successfully complete this program can earn Glen Oaks Community College credits while still in high school. This course may be taken more than once.

HEALTH SCIENCE II (COURSE 10963A/10963B)	3 CREDITS (2 SEMESTERS)
---	--------------------------------

The Health Science II class will be for second-year students and will include a focus on earning more certifications such as Medical Assistant, CNA, etc., as well as more work-based learning (internships and

apprenticeships) opportunities.

PUBLIC SAFETY (COURSE 12554A/12554B)	11, 12	3 CREDITS (2 SEMESTERS)
---	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL

Public Safety courses introduce students to the field of public safety and extend their knowledge and skills pertaining to the safety and security of homes, workplaces, and the community. These courses cover such topics as policing, law enforcement, emergency service, and private security and corrections and may cover all or a subset of these services.

TEACHER ACADEMY(COURSE 30083Y1A AND Y2A/30083Y1B AND Y2B)	11, 12	3 CREDITS (2 SEMESTERS)
--	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL

In the CTE Teacher Academy class, you will work with a variety of students in multiple content areas. You will be involved in curriculum and instructional material development, and gain employability and communication skills. While working with a mentor/host teacher, you will be placed in classrooms in local districts and gain hands-on experience. The acquired skills will open doors to a career as a K-12 teacher, special education teacher, school counselor/social worker, speech pathologist, and much more.

WELDING (COURSE 10967A/10967B)	VPAA APPROVED	11, 12	3 CREDITS (2 SEMESTERS)
---------------------------------------	----------------------	---------------	--------------------------------

PREREQUISITE: COUNSELOR APPROVAL

In Welding students learn hands-on application of the oxy/acetylene & plasma cutting processes. They will also learn shielded metal arc, gas metal arc & gas tungsten welding process. Students will utilize both Miller & Lincoln equipment. They will recognize the different metal types & welding techniques, learn math techniques that are used in practical field applications along with project setup. They will learn material estimating & ordering, inventory management and material utilization. Direct credit with Southwestern Michigan College. This course may be taken more than once.

WORK STUDY (COURSE 10985A/10985B)	11, 12	1 -2 CREDITS (2 SEMESTERS)
--	---------------	-----------------------------------

PREREQUISITE: ADMINISTRATIVE APPROVAL

This learning experience may be either paid or unpaid. It is designed to offer students real life work experiences that are related to their Career Pathway. Placement must have a written training agreement/plan, be coordinated by a certified teacher and comply with all of the pupil accounting rules. An onsite evaluation will be completed every 30 days.

* Students must complete an application packet and safety unit prior to placement. A teacher recommendation is required. Students receive credit for the assignment based on the number of hours at the work site. A letter grade is not given. Placements must consist of less than 50% of a student's FTE. This course may be taken more than once.

GOCC DUAL ENROLLMENT COLLEGE COURSES

Below is a listing of dual enrollment courses hosted at Three Rivers High School. In addition, students are eligible to enroll in any courses for which they qualify, held at the GOCC campus or online. Please consult the online [listing of GOCC course offerings](#) for detailed information.

ACCT 111 PRINCIPLES OF ACCOUNTING (COURSE 13111)	1 CREDIT (1 SEMESTER)
---	------------------------------

The first introductory accounting course for the student who wishes to pursue a career in the field of business. The student will become familiar with the role of the accountant and manager in service and merchandising businesses. The course will include the recording and reporting of business transactions and the measuring, planning, and controlling of business income, assets, and equities. Major emphasis will be placed on the sole proprietorship form of business organization.

ALH 103 NUTRITION (COURSE 13302)**1 CREDIT (1 SEMESTER)**

Designed to assist the student in developing a foundation for good nutrition. Fundamental principles of nutrition essential to maintain health, prevent illness and provide support during illness are presented. Nutritional concerns relating to each age group will be addressed as well as specific disease conditions and relevant therapeutic diets. Newly emerging nutritional information will be discussed which will assist the student in becoming a discriminating consumer.

ALH 218 MEDICAL TERMINOLOGY (COURSE 13212)**1 CREDIT (1 SEMESTER)**

This course addresses basic terminology required of the Allied Health professional and provides a basic knowledge of anatomy and physiology, pathology, special procedures, laboratory procedures, and pharmacology. Greek and Latin prefixes, suffixes, word roots and combining forms are presented. Emphasis is on forming a foundation for a medical vocabulary including meaning, spelling and pronunciation. Medical abbreviations, signs and symbols are included.

ANTH 201 ANTHROPOLOGY (COURSE 13222)**1 CREDIT (1 SEMESTER)**

This course is intended to introduce students to the field of anthropology and to provide them with an understanding of the theoretical perspectives and methodological strategies used in the study of traditional and contemporary sociocultural systems found throughout the world. Special attention will be given to the basic concept of "culture" and to the nature and inter- relationship of particular cultures with their environments. This course is designed to assist students in developing the skills needed to critically analyze anthropological data and to prepare them to pursue further study in the discipline. Prerequisite: ENG 121

ART 100 ART APPRECIATION (COURSE 13300)**1 CREDIT (1 SEMESTER)**

A course designed to acquaint the student with the terminology, materials and goals of the artist through lecture, field trips and guest speakers. Prerequisite: Placement beyond or satisfactory completion of ENG 063 and ENG 073

BIO 110 FORM AND FUNCTION C (COURSE SC74000C)**1 CREDIT (1 SEMESTER)**

The course covers basic concepts of anatomy and physiology of plants and animals. By the end of this non-lab course students will be able to understand the language of anatomy and physiology used to describe the functions of plants and animals. It also introduces students to the role of organ systems in maintaining homeostasis in plants and animals. By the end of this course the student will also understand the common set of functional features that all living systems contain. Prerequisite: MATH 055B, ENG 121, one year of high school biology or BIO 120

BIO 120 BIOLOGY (COURSE 13081C)**1 CREDIT (1 SEMESTER)**

An introductory survey course covering the major principles and unifying theories of biology. This course will provide the beginning student with a basic understanding of biological principles encompassing basic biochemistry, cell biology, cell division, genetics, diversity and evolution and ecology. This is a lecture/laboratory combination course and is designed to meet the needs of students with limited science backgrounds.

BIO 121 BIOLOGY (COURSE 13002)**1 CREDIT (1 SEMESTER)**

A general study of principles and processes of biology and the nature of biological investigation. This course covers basic concepts of molecular and cellular biology by focusing on components of organisms from atoms to cells and the roles they play within the organism including respiration, photosynthesis, and genetics. This course, together with BIO 122 Ecology and Evolution provides a basic background for further work in the biological sciences.

BIO 210 HUMAN ANATOMY (COURSE 13209)**1 CREDIT (1 SEMESTER)**

This is the first in a sequence of two intensive anatomy and physiology courses intending to cover the human body as an integrated whole by examining the structures and functions of each body system as well as some of the common diseases associated with each system. Integration of the body's systems is emphasized by examining how each of these systems interacts with the body's other systems in order to maintain homeostasis. Laboratory activities will include dissections, computer labs, anatomical models, and brief scientific experimentation. Study within this course includes general chemistry principles, biochemistry, cells, tissues, and the following systems: integumentary, skeletal, muscular, nervous, special senses, and endocrine. It is recommended, but not required, that students take Medical Terminology before or along with this class as this can help students absorb the large amount of new terminology associated with Anatomy & Physiology.

BIO 211 HUMAN ANATOMY & PHYS II (COURSE 13206)**1 CREDIT (1 SEMESTER)**

This is the second in a sequence of two intensive anatomy and physiology courses intending to cover the human body as an integrated whole by examining the structures and functions of each body system as well as some of the common diseases associated with each system. Integration of the body's systems is emphasized by examining how each of these systems interacts with the body's other systems in order to maintain homeostasis. Laboratory activities will include dissections, computer labs, anatomical models, and brief scientific experimentation. Study within this course includes the following body systems: cardiovascular (including blood), lymphatic and immune, respiratory, digestive, urinary, and reproductive.

BUS 104 INTRO TO BUSINESS (COURSE 13103C)**1 CREDIT (1 SEMESTER)**

This course is designed as a survey of American business and industry. Emphasis will be placed on the understanding of business terminology and internal/external structures and their relationship to individuals, business and society. Past, present and future business trends will be studied providing students the foundational knowledge required to progress to upper level business courses.

BUS 205 BUSINESS STATISTICS (COURSE 13205)**1 CREDIT (1 SEMESTER)**

An introductory course emphasizing the statistical analysis of business and economic data and how this analysis aids in planning and controlling operations and in making sound business decisions.

CADD 215 BASIC AUTOCAD (COURSE 13215)**1 CREDIT (1 SEMESTER)**

This is an entry level course for students to learn basic drafting standards. AutoCAD software will be used throughout the course. Topics include: terminology, techniques, and applications of computer generated design as it relates to engineering, product design, and architecture.

CADD 216 ADV AUTOCAD (COURSE 13213) 1 CREDIT (1 SEMESTER)

This course is intended to introduce the aspects of Advance Computer Aided Drafting techniques using AutoCAD. AutoCAD software will be used throughout the course. Topics include: advanced terminology, techniques, and applications of computer generated design as it relates to engineering and product design

CADD 217 MODELING INVENTOR (COURSE 13614) 1 CREDIT (1 SEMESTER)

This course is intended to introduce the aspects of Advanced Computer Aided Drafting. Techniques using Inventor and SolidWorks. Inventor and SolidWorks software will be used throughout the course. Topics include: advanced terminology, techniques, and applications of computer generated design as it relates to engineering and product design

CADD 218 COMPUTER AID MODEL (COURSE 13218) 1 CREDIT (1 SEMESTER)

This course is intended to introduce the advanced aspects of 3D Modeling using SolidWorks. SolidWorks software will be used throughout the course. Topics include: advance terminology, techniques, and applications of computer generated design as it relates to engineering and product design.

CADD 220 ARCHITECT DRAWING (COURSE 13216) 1 CREDIT (1 SEMESTER)

This is a beginning level course for students to learn AutoCAD software to construct a set of architectural drawings used in construction. A full set of architectural construction documents will be completed. Students will learn basic terminology, techniques, and applications of computer generated design as it relates to architectural design.

CADD 221 3D IND PROJ (COURSE CO75010C) 1 CREDIT (1 SEMESTER)

This is an advanced level course for students to learn more about architectural and engineering softwares. The 3D software will be used to construct a set of architectural drawings used in construction. A full set of architectural construction documents will be completed. Students will learn basic terminology, techniques, and applications of computer generated design as it relates to architectural design.

CADD 230 CAPSTONE PROJECT (COURSE CO75020C) 1 CREDIT (1 SEMESTER)

This is an advanced level course for students to create a final CAD project that will exemplify their knowledge of CAD. Students will select Inventor, Solidworks, or an architectural project to construct a list of required drawings. Students will learn advanced CAD terminology, techniques, and applications of computer generated design as it relates to one final CAD project.

CHEM 133 GENERAL CHEMISTRY (COURSE 13133) 1 CREDITS (1 SEMESTER)

This is an introductory laboratory college chemistry course emphasizing mathematical relationships in chemistry. Contents include chemical terminology, measurements, atomic theory, bonding, periodic table, nomenclature, stoichiometry, balancing equations, and thermochemistry. Prerequisite: High school chemistry or CHEM 130 and either MATH 100 or placement into MATH 104 or equivalent college course.

CHEM 134 GENERAL CHEMISTRY II (COURSE 13131)	1 CREDITS (1 SEMESTER)
---	-------------------------------

Continuation of CHEM-133. Topics covered include thermodynamics and state functions, properties of mixtures, kinetics, equilibrium, acid/base reactions, and redox reactions. Labs in this course are complimentary and will provide real world applications of topics and problems discussed in lecture.

CIS 101 INTRO TO COMPUTERS (COURSE 13105)	1 CREDITS (1 SEMESTER)
--	-------------------------------

A survey course on computer concepts and applications associated with the current generation of computer technology. Students will study terminology as it applies to computers, networks, operating systems, and internet usage. This course includes a hands-on component where students will work with current productivity software such as Microsoft's Word, Excel, and Access within the Windows operating system.

CIS 121 COMPUTER SCIENCE (COURSE DE10083)	1 CREDITS (1 SEMESTER)
--	-------------------------------

Introduction to programming and computer science through lab and lecture. Simple and structured data types and program control structures. Problem analysis, algorithm design, and program documentation using a high-level language.

CIS 122 COMPUTER SCIENCE II (COURSE DE10084)	1 CREDITS (1 SEMESTER)
---	-------------------------------

Intermediate object-oriented programming: inheritance, abstract classes, interfaces and exception handling. Introduction to algorithms and data structures: recursion, searching, sorting, linked lists, stacks, queues, basics of trees and tree traversal algorithms, natural language processing and machine learning.

CIS 132 PROGRAMMING IN JAVA (COURSE 13118)	1 CREDITS (1 SEMESTER)
---	-------------------------------

Introduction to fundamental object-oriented programming concepts. A student of this course will learn the principles of programming, and in particular object-oriented programming principles. Programming principles and constructs, such as data types, common control flow structures, basic data structures, and console input/output will be presented. Students will also learn several key object-oriented principles, such as defining classes and methods and information hiding. We will use the Java programming language to learn and implement the basic programming and object-oriented principles described above.

CIS 221 DATA STRUCTURES (COURSE DE83801)	1 CREDITS (1 SEMESTER)
---	-------------------------------

Advanced data structures, including lists, trees, sets and graphs. Analysis of algorithms. Emphasis on abstract data types, their representations and role as models in the development of computer algorithms. CIS-122 Must be taken either prior to or at the same time as this course.

COM 110 INTERPERSONAL COMMUNICATION (COURSE 13610)	1 CREDITS (1 SEMESTER)
---	-------------------------------

The course focuses upon developing speaking, verbal and nonverbal communication, and listening skills through individual assignments, presentations, demonstrations/role-playing and other projects.

COM 150 PUBLIC SPEAKING (COURSE 13150)	1 CREDIT (1 SEMESTER)
---	------------------------------

PREREQUISITE: ACCUPLACER TESTING FOR SENTENCE SKILLS AND READING

This course presents the traditional rhetorical concepts of material, organization, delivery, creativity and

persuasion. The student is expected to put into practice each one of the concepts by giving a variety of speeches.

CRJU 110 INTRO LAW ENFORCEMENT (COURSE 13520) **1 CREDIT (1 SEMESTER)**

The problems of law enforcement in a democratic society are studied. The agencies involved in the administration of law enforcement – the legislature, the police, the prosecutor, the courts, and the correctional institutions are also studied. Prerequisite: None

CRJU 111 POLICE ADMIN (COURSE EL79002C) **1 CREDIT (1 SEMESTER)**

The course covers the basic functions of a police organization; management, communications, recruiting, training, public relations, and coordination.

CRJU 114 INTRO TO CORRECTIONS (COURSE EL79000C) **1 CREDIT (1 SEMESTER)**

Overview of the criminal justice system's history, development, and evolution including subsystems of police, courts, and corrections.

ECON 203 MICRO ECONOMICS (COURSE 13203) **1 CREDIT (1 SEMESTER)**

Introductory course in economics. This course builds upon the qualitative aspects of terminology, formulas and models to the quantitative application of these concepts. The four types of competition: perfect competition, monopolistic competition, oligopoly, and monopoly, will be covered in depth. Influential components of the U.S. market, such as labor, unions, wages and income distribution, will give the student a sound foundation toward understanding our complex economy.

ECON 204 PRINCIPLES ECON MACROECONOMIC (COURSE 13207) **1 CREDIT (1 SEMESTER)**

This course is a continuation of Microeconomics. A shift from single businesses to the inter-relationship between businesses, consumers and investors will be covered. The aggregate economy will also see the effects of government spending, taxation, inflation, fiscal and monetary policy. This inter-relationship will be expanded to the global economy and the United States' role in this economy through international trade and financing.

ELEC 110 BASIC ELECTRICITY (COURSE EL79010C) **1 CREDIT (1 SEMESTER)**

Introduction to fundamentals necessary to be safe and competent when working with electricity. Topics include basic electrical circuits, electrical math, testing devices, wiring techniques, and safety.

ENG 121 ENGLISH COMP I (COURSE 13021) **1 CREDITS (1 SEMESTER)**

PREREQUISITE: ACCUPLACER TESTING FOR SENTENCE SKILLS AND READING

A research based writing course in which students will work to develop their command of language as a means of shaping and ordering their experience and ideas, to develop their critical thinking skills, and to develop thought, organization, and clarity in their written work. College credit is 3.

ENG 122 ENGLISH COMP II (COURSE 13022) **1 CREDITS (1 SEMESTER)**

This course extends the ENG 121 English Composition I emphasis on expository writing and critical thinking to research writing. American Psychological Association (APA) format is introduced and applied to a primary research project. Prerequisite: Successful completion of ENG 121 with a 2.0 or better

ENG 126 CREATIVE WRITING (COURSE DE14005) **1 CREDITS (1 SEMESTER)**

This course will be devoted to writing both poetry and short stories. Class will include both workshops of student works and analysis of published authors.

ENG 201 WOMEN & LIT (COURSE 13023) 1 CREDITS (1 SEMESTER)

This course will study feminine sensibility as revealed in literary themes and characterizations through a study of works written by women.

ENG 226 CREATIVE WRITING II (COURSE DE14006) 1 CREDITS (1 SEMESTER)

A survey course in which students work to develop their command of language as a means of shaping and ordering their experience and ideas through creative writing focused on poetry and prose; to develop critical, yet creative, thinking skills and to develop thought, organization and clarity in written work. Requisites: Must complete ENG-126 with a 2.0 or higher - Must be completed prior to taking this course.

ENG 233 CHILD LIT (COURSE 13025) 1 CREDITS (1 SEMESTER)

This course is an introduction to narrative, biographical, and nonfictional reading materials for children from pre-school age to age twelve. The course is structured so that students will have an adequate bibliography of materials for nursery school teaching, the elementary school classroom, or for lay introduction of reading to children. Guest speakers and useful projects focus on understanding the needed ingredients for stimulating a reading interest in children. In addition to an exploration of current reading materials, the course presents a brief, historical survey of children's literature and discussion of possible adaptation to present classroom use.

ENG/HUM 234 WORLD MYTHOLOGIES (COURSE 13084C) 1 CREDITS (1 SEMESTER)

This course is intended to acquaint students with the myths, legends and folklore of a variety of world cultures, both ancient and modern. Special attention will be focused on the historical and cultural context in which specific myths have developed. The course is designed to increase students' critical thinking through the analysis of myths leading to a better understanding of some of the universal concerns of humankind that have been creatively expressed in myth throughout the world. Prerequisite: ENG 121.

GEOG 142 PHYSICAL GEOGRAPHY (COURSE 13015) 1 CREDITS (1 SEMESTER)

An integrated study of the nature of man's physical environment with emphasis on understanding the forces that create and shape our land forms. Lectures and laboratory experiences also include the study of earth materials, analysis of characteristic land forms, and interpretation of maps.

HIST 101 WESTERN CIVILIZATION I (COURSE 13001) 1 CREDIT (1 SEMESTER)

PREREQUISITE: ACCUPLACER TESTING FOR SENTENCE SKILLS AND READING

Ancient World to 1715. Defines the basic political, economic and social trends influencing western cultural development including Mesopotamia, Egypt, Greece, Roman Republic and Empire, the Christian Era (c. 1000 – 1500), the Reformation, and the Wars of Religion. Instruction employs critical analysis of significant historical eras and societies affecting western civilization. College credit is 4

HIST 102 WESTERN CIVILIZATION II (COURSE 13004) 1 CREDIT (1 SEMESTER)

PREREQUISITE: ACCUPLACER TESTING FOR SENTENCE SKILLS AND READING

The course continues the development Western Civilization from c. 1700 to the 20th Century. Major political, economic, and social developments reviewed include the Scientific, French, and American revolutions, the Industrial Revolution, the European Balance of Power (c. 1815-1870), the origins of World War I and II, and the Cold War era (c. 1945-1990). Instruction develops critical thinking skills relevant to understanding complex historical trends of the ers. College credit is 4

HIST 201 US HISTORY I (COURSE DE83719)**1 CREDIT (1 SEMESTER)**

Instructional focus involves identifying significant political, economic and social trends in American development c. 1490's through U.S. Reconstruction, 1877. Primary concentrations include review of European colonization, the British colonial rebellion, U.S. nation building, 1780's - 1830's and delineating the course of prominent events leading to the American Civil War and Reconstruction, 1865-1877. The course develops critical thinking skills through inquiry into broad overarching themes of historical activity. Requisites: Placement beyond or satisfactory completion of ENG-063 and ENG-073 - Must be completed prior to taking this course.

HIST 202 US HISTORY II (COURSE 30042)**1 CREDIT (1 SEMESTER)**

Course instruction investigates dominant political, economic, foreign policy, and social trends in U.S. development from Reconstruction through the 20th century. The main focus identifies the movement of America from rapid, post-Civil War industrialization, to emergence as a competitive world power; culminating in its becoming a preeminent global force after 1945. This inquiry involves refining critical thinking skills through analyzing overlapping and interconnected themes or modern U.S. development.

HUM 101 MODERN CULTURE & ARTS (COURSE 13082)**1 CREDIT (1 SEMESTER)**

An introduction to art, music, photography, film, dance and architecture. Major emphasis is on the inter-relationship between art and culture. Designed to help students describe and analyze works of art and to understand that art does not "just happen," but evolves in a cultural-historical context. Prerequisite: ENG 121 or concurrently enrolled in ENG 121

LNG 161 SPANISH I (COURSE DE83714)**1 CREDIT (1 SEMESTER)**

This class offers an introduction to the Spanish language and culture. It is a course with emphasis on reading, writing, speaking and listening in the target language. The student will memorize many phrases, verbs and vocabulary words. In addition the student will be introduced to some cultural and historical information about the Hispanic World. LNG 161 is equivalent to two years of high school Spanish or the first semester of 100-level Spanish at a four-year institution. Students with more than two years of Spanish must take LNG 162.

MATH 101 QUANTITATIVE REASONING (COURSE 10318)**1 CREDIT (1 SEMESTER)**

This course develops student skills in analyzing, synthesizing and communicating quantitative information, cultivates algebraic reasoning and modeling skills through a quantitative literacy lens and emphasizes critical thinking and the use of multiple strategies in applied contexts. Topics include proportional and statistical reasoning, probability and evaluation of bias and validity.

MATH 104 INTERMEDIATE ALGEBRA (COURSE 13053)**1 CREDIT (1 SEMESTER)**

This course is an extension of Introductory Algebra and prepares students for College Algebra or Calculus. Topics include operations with polynomials and rational algebraic expressions, graphs, rational exponents and radicals, complex numbers, equations and inequalities of the first and second degree, exponential and logarithmic functions, systems of linear and second-degree equations and inequalities, and conic sections. This class may be taught in an open lab or traditional classroom environment. Prerequisite: MATH 100 or placement test

MATH 117 FINITE MATH (COURSE 13017)**1 CREDIT (1 SEMESTER)**

Non-calculus background for business, management and the life and social sciences. Topics include set theory, systems of linear equations and inequalities, vectors and matrices, probability and statistics, financial calculations, and linear programming. Emphasis throughout is to enhance students' understanding of the modeling process and how mathematics is used in real-world applications.

MATH 151 COLLEGE ALGEBRA (COURSE DE83718)**1 CREDIT (1 SEMESTER)**

Intended to prepare students for further science and business courses. A study of functions and their graphs, including linear, exponential, logarithmic, periodic, and power functions. Emphasis on applications, problem solving and using graphic, numeric and symbolic methods to solve equations. Regression is used to construct linear, exponential, power, and quadratic functions from data. Additional topics include exponents, radicals, complex numbers, conic sections, and systems of equations. Must complete MATH-104 or placement into MATH-151 prior to taking this course.

MATH 161 CALC I & GEOMETRY (COURSE 13161)**1 CREDIT (1 SEMESTER)**

This course is designed to provide an introduction to calculus for students majoring in mathematics, engineering, and physical sciences, or the social sciences. Topics include limits, continuity, derivatives, differentials, areas, definite and indefinite integrals.

MATH 201 STATISTICS (COURSE 13153)**1 CREDIT (1 SEMESTER)**

An introductory course in statistics to include: probability, descriptive statistics, probability distributions and hypothesis testing.

MUS 150 MUSIC APPRECIATION (COURSE 13153)**1 CREDIT (1 SEMESTER)**

An introductory course in statistics to include: probability, descriptive statistics, probability distributions and hypothesis testing.

PHIL 210 ETHICS (COURSE SS73000C)**1 CREDIT (1 SEMESTER)**

A study of ethical terminology, standards of ethical and moral decisions and types of ethical and ethical value systems. Issues such as right and wrong responsibility, accountability and whistle-blowing are addressed. A case study approach is utilized to emphasize practical decision making in terms of personal, professional and social morality.

PHIL 230 PHILOSOPHY (COURSE SS73005C)**1 CREDIT (1 SEMESTER)**

An introduction to the study of philosophy emphasizing the examination of issues that have been the focus of thinkers of various cultures and civilizations. This course will challenge students to foster a greater understanding, tolerance and appreciation for diversity of alternative views and approaches to philosophical thought.

PHYS 144 ASTRONOMY (COURSE 10651)**1 CREDIT (1 SEMESTER)**

Introductory laboratory based astronomy course for those who desire an exploratory experience covering a wide range of astronomical topics. The course coverage will include: our solar system, stars, constellations, galaxies and theories of the universe. The theory and use of astronomical telescopes will

be a prominent part of the course.

PHYS 251 PHYSICS I (COURSE 10151)

1 CREDIT (1 SEMESTER)

This is the first semester of calculus-based physics that covers the laws of motion, work and energy.

PSI 110 AMERICAN GOVERNMENT (COURSE 13510)

1 CREDIT (1 SEMESTER)

This course familiarizes students with various important aspects of American Government and the general study of political science. The prominent topics covered include identifying the ideological origins and functional components of the U.S. Constitution; investigating first amendment and civil rights and their extension to historically “non-mainstream” groups; reviewing significant political ideologies; analyzing public opinion polling, voting behavior and special interest group activities; defining public and foreign policy formation, and the role of political leadership. Critical thinking skills will be developed through applying course material to consideration of practical political situations.

PSY 101 PSYCHOLOGY (COURSE 13101)

1 CREDIT (1 SEMESTER)

PREREQUISITE: ACCUPLACER TESTING FOR SENTENCE SKILLS AND READING

A scientific study of behavior is examined which leads to a greater understanding of human behavior, insight into mental processes and a better comprehension of the inconsistencies between human feelings and actions. Topics include learning, memory, the nervous system, perception, motivation, social interaction, attitudes, intelligence and abnormal behavior. College credit is 4.

PSY 210 HUMAN GROWTH & DEVELOPMENT (COURSE 13210)

1 CREDIT (1 SEMESTER)

This course is a life span study of the influences and processes in the physical, social, emotional and mental growth and development of individuals. Prerequisite: PSY 101, ENG 121 or concurrent enrollment in ENG 121

PSY 220 ABNORMAL PSYCHOLOGY (COURSE SS73010C)

1 CREDIT (1 SEMESTER)

PREREQUISITE: ACCUPLACER TESTING FOR SENTENCE SKILLS AND READING

A scientific study of behavior is examined which leads to a greater understanding of human behavior, insight into mental processes and a better comprehension of the inconsistencies between human feelings and actions. Topics include learning, memory, the nervous system, perception, motivation, social interaction, attitudes, intelligence and abnormal behavior. College credit is 4.

REL 231 COMPARATIVE RELIGION (COURSE 13114)

1 CREDIT (1 SEMESTER)

A study of the major world religions--Hinduism, Buddhism, Judaism, Christianity, and Islam--their history, beliefs, festivals and practices as well as their place in the contemporary world. The nature of religion and its place in the human experience will also be considered.

SOC 120 SOCIOLOGY (COURSE 13204)

1 CREDIT (1 SEMESTER)

This course provides a broad introduction to the field of sociology with an emphasis on the fundamental concepts of sociological study. Sociological perspectives will be emphasized to allow for critical analysis of research and theories pertaining to culture, society, the social construction of self, social control, social change, inequalities in society and social institutions. Prerequisites: ENG 121 or concurrent enrollment in ENG 121

SOC 121 MODERN SOCIAL PROBLEMS (COURSE 13616)

1 CREDIT (1 SEMESTER)

A contemporary survey of some of American society's major social problems. Included in the study are problems involving crime, population, family life, social class, minority groups, urban life, and mass

communications. A sociological frame of reference will be used in considering the origins of, the development of, and attempts to control social problems. This is a continuation of SSS 120 Principles of Sociology, but may be taken separately. Prerequisite: ENG 121 or concurrent enrollment in ENG 121
SOC 220 MARRIAGE & FAMILY (COURSE 32001) 1 CREDIT (1 SEMESTER)

This course is an introduction to marriage and family life with an emphasis on family structure and interpersonal relationships in a rapidly changing world. Sociological perspectives and theories will be used to critically analyze family organization, composition, values, diversity and current trends in family living.

WELD 120 BRAZING & SOLDERING (COURSE 30174) 1 CREDITS (1 SEMESTER)

Modules will include knowledge and skills necessary to set up brazing and soldering station, perform basic brazing techniques, perform a braze weld on 1/4" plate, identify and silver-braze copper to stainless steel, and solder copper fittings using 95-5 solder all as defined by the American Welding Society.

WELD 135 WELDING METALLURGY (COURSE 30175) 1 CREDITS (1 SEMESTER)

Modules contain an introduction to metallurgy, including blue-print reading, the differences between non-ferrous and ferrous metals, the numbering systems associated with metals, repairing cast iron, repairing stainless steel and the weld testing procedures as determined by the American Welding Society

WELD 140 GAS METAL ARC (COURSE 30176) 1 CREDITS (1 SEMESTER)

Modules contain information necessary to acquire the knowledge and skills students need to effectively perform gas metal arc welding in accordance with standards set by the American Welding Society. Modules will explain the GMAW, arc run beads, all positions of weld joints and GMAW of aluminum.

WELD 145 GAS TUNGSTEN ARC (COURSE 30177) 1 CREDITS (1 SEMESTER)

Modules will consist of teaching the basics of the gas tungsten arc welding process including the TIG process and equipment maintenance, welding aluminum in the flat position (GTAW), and the knowledge and skills necessary to run beads in three positions when welding the four basic joints: but, tee, lap and corner.

WELD 190 WELDING FOR TRADES (COURSE 30173) 1 CREDITS (1 SEMESTER)

This course provides basic welding skills for students in the skilled trades programs (such as Automotive and Agricultural Equipment Technology). American Welding Society specifications and proper selection and use of welding processes for specific trade applications are covered.

KVCC DUAL ENROLLMENT COLLEGE COURSES

Below is a listing of dual enrollment courses hosted at Three Rivers High School. In addition, students are eligible to enroll in any courses for which they qualify, held at the KVCC campus or online. Please consult the online listing of KVCC courses offered for detailed information.

HVAC 100 SHOP FUNDAMENTALS(COURSE 13231) 1 CREDITS (1 SEMESTER)

This course will provide the student with an introduction to electrical, heating, and refrigeration fundamentals. The introduction includes terminology and math utilized within each specific category of study.

MVHS ONLINE COURSES

Three Rivers Community Schools is the leader in St. Joseph County for providing online learning opportunities for students. We can offer many teacher-led online courses in subjects students may otherwise not have access to with our primary provider being [Michigan Virtual High School](#). Access to

MVHS allows students to take courses outside of the normal offerings and easily solve scheduling conflicts.

Students are successful when they are in an engaging class that captures their interest and is aligned with their unique learning style. Online learning is dynamic in the fact that course providers are in a constant state of identifying students' needs and creating courses to meet them. Courses continually evolve to provide a rich and authentic digital-age learning experience.

Online learning is personalized learning. Students interested in taking an online course will work closely with their counselor, parents and mentor teacher to ensure a "proper" fit with their learning style and the course content.

ONLINE COURSES: [SEE CATALOG](#) FOR COMPLETE LISTING

<u>Online Fine Arts</u>	<u>Online Computer/Technology</u>
10524AA/BB Guitar I AA/BB ½ credit/sem	10961CC History of Gaming & E-Sports ½ credit
10529AA Piano I AA ½ credit	10586CC Intro to Social Media CC ½ credit
10008CC Visual Art Comp CC ½ credit	10178CC Video Game Design w/Java CC ½ credit
<u>PE</u>	<u>Online Science</u>
PE80305CC Personal Fitness CC ½ credit	10913CC Agriscience Found 1 ½ credit
<u>Online Business & Careers</u>	10628AA/BB AP Chem-dry labs AA/BB 1 credit/sem
13214CC Architectural Design I CC 9-12 ½ credit	AP83101AA/BB AP Environmental Sci 1 credit
10077CC Business Ethics 9-12 ½ credit	10730AA/BB AP Human Geog AA/BB 1 credit
10098CC Career Exploration in Healthcare CC ½ credit	10620AAT/BBT Biology I AAT/BBT ½ credit/sem
10099CC Careers Find Your Future 9-12 ½ credit	10625AAT/BBT Chemistry AAT/BBT ½ credit/sem
10582CC Criminology CC ½ credit	10625AA/BB Chemistry MMC AA/BB ½ credit/sem
10230CC Digital Photography CC ½ credit	10159CC Health Education ½ credit
10075CC Entrepreneurship CC 10-12 ½ credit	10965CC Medical Terminology 10-12 ½ credit
30083CC Future Proud MI ED CC ½ credit	16645AA Oceanography AA ½ credit
10589CC Sports Entertainment Mktg CC ½ credit	10630AA/BB Physics MMC AA/BB ½ credit/sem
<u>Online Social Studies</u>	<u>Online World Language</u>
10702CCT Economics ½ credit	10005AA/BB American Sign Lang I 9-12 ½ credit/sem
10745CCT Civics CCT ½ credit	10006AA/BB American Sign Lang II 9-12 ½ credit/sem
10761CC AP Psychology AA 1 credit	10300AA/BB French I 9-12½ credit/sem
10764CC AP Psychology BB 1 credit	10302AA/BB French II 9-12½ credit/sem

10760CC Psychology CC ½ credit/sem	10320AA/BB German I 9-12 ½ credit/sem
10712AAT/BBT US History AAT/BBT ½ credit/sem	10322AA/BB German II 10-12 ½ credit/sem
10725AAT World Hist/Geo AAT ½ credit/sem	10331AA/BB Japanese I ½ credit/sem
Online Math	10341AA/BB Japanese II ½ credit/sem
10060AA/BB Accounting ½ credit/sem	10327AAT/BBT Latin I AA/BB ½ credit/sem
10415AAT/BBT Algebra I 9-10 ½ credit/sem	Online Language Arts
10417AAT/BBT Algebra II 11-12 ½ credit/sem	10187AA/BB AP Lang & Comp AA/BB 1 credit
10430AAT/BBT Geometry AAT/BBT 9-11 ½ credit/sem	20028CC Creative Writing CC ½ credit
10391CC Mathematics of Finance 11-12 ½ credit	10200AAT/BBT Lang Arts 9 AAT/BBT ½ credit/sem
10393CC Mathematics in the Workplace CC ½ credit	10205AAT/BBT Lang Arts 10 AAT/BBT ½ credit/sem
10447AA Precalculus AA ½ credit	10207AAT Lang Arts 11 AAT ½ credit
10460AA Probability & Statistics AA ½ credit	10208AAT Lang Arts 12 AAT ½ credit
	10587CC Myth & Folklore CC ½ credit
Other See the MVHS Catalog for a complete list.	Other* Prerequisites are required

COURSE OVERVIEW

MATHEMATICS					
Course	Credits	9	10	11	12
Algebra I (+ Hon)	1.0	X	X	X	X
Algebra II (+ Hon)	1.0	X	X	X	X
Geometry (+ Hon)	1.0	X	X	X	X
Adv. Alg. w/ Trig	1.0	X	X	X	X
Intro to Eng.	1.0		X	X	X
AP Calculus	1.0		X	X	X
ART					
Course	Credits	9	10	11	12
Art A Intro	.50	X	X	X	X
Art B	.50	X	X	X	X
Art C	.50	X	X	X	X
Art D	.50		X	X	X
Ind. Study	.50			X	X
BUSINESS - CTE					
Course	Credits	9	10	11	12
Marketing I	1.0		X	X	X
Marketing II	1.0			X	X
Marketing III	1.0			X	X
FAMILY CONSUMER SCIENCES					
Course	Credits	9	10	11	12
Nutrition/Food	.50	X	X	X	X
Parenting	.50	X	X	X	X
FOREIGN LANGUAGE					
Course	Credits	9	10	11	12
Spanish I	1.0	X	X	X	X

Spanish II	1.0	X	X	X	X
Spanish III	1.0	X	X	X	X
Spanish IV	1.0	X	X	X	X
HEALTH					
Course	Credits	9	10	11	12
Health	.50	X	X	X	X
LANGUAGE ARTS					
Course	Credits	9	10	11	12
ELA 9	1.0	X			
Honors ELA 9	1.0	X			
ELA 10	1.0		X		
Hon. ELA 10	1.0		X		
ELA 11	1.0			X	X
ELA 12	1.0			X	X
AP Literature	1.0			X	X
AP Lang/Comp	1.0			X	X
Mythology	1.0				X
Com for Higher Learning	1.0				X
Yearbook	1.0			X	X

MUSIC					
Course	Credit	9	10	11	12
Concert Band	1.0	X	X	X	X
Sym./March Band	1.0	X	X	X	X
Concert Choir	1.0	X	X	X	X
Bella Voce	1.0	X	X	X	X
Aristocrats	1.0		X	X	X
PHYSICAL EDUCATION					

Course	Credits	9	10	11	12
Intro to fitness	.50	X			
Cross-Training	.50		X	X	X
Sports and Fitness	.50		X	X	X
SCIENCE					
Course	Credits	9	10	11	12
Forensic Science	1.0			X	X
Biology	1.0	X	X	X	X
Env. Science	1.0			X	X
AP Biology	1.0			X	X
Chemistry	1.0		X	X	X
AP Chemistry	1.0			X	X
Applied Physics	1.0			X	X
Anat. & Phys.	1.0			X	X
SOCIAL STUDIES					
Course	Credit	9	10	11	12
Basic Economics	.50		X		
Civics	.50		X		
US Hist./Geo	1.0	X			
World Hist./Geo	1.0			X	X
Current Issues	.50		X	X	X
Psychology	.50		X	X	X
Sociology	.50		X	X	X
Hist. Perspectives	.50		X	X	X
Voc Ed/CTE COURSES					
Course	Credit	9	10	11	12
AgriScience	3.0			X	X
Auto Tech	3.0			X	X
Building Trades	2.0			X	X
Comp Networking	2.0			X	X
Culinary Arts	3.0			X	X
Elec, Plumbing, HVAC	3.0			X	X
Eng Design & Manufacturing	2.0			X	X
Graphic Design	3.0			X	X
Health Sciences	3.0			X	X
Public Safety	3.0			X	X
Teacher Academy	3.0			X	X
Welding	3.0			X	X
Work Study	.50/hr			X	X
HOSTED DUAL ENROLLMENT (DE) COURSES					
Course	Credit	9	10	11	12
ENG-121	1.0			X	X
PSY-101	1.0			X	X
HIST-101	1.0			X	X
HIST-102	1.0			X	X
SOC-120	1.0			X	X
COM-150	1.0			X	X
*Other classes are available as offered.					
*Qualifying scores are required for some DE courses.					
ONLINE COURSES					
Course	Credit	9	10	11	12
Online courses are offered in a variety of subjects; see the high school counselor or MVHS catalog for more information.					