

TWO RIVERS HIGH SCHOOL COURSE SELECTIONS



2019-2020

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Online Courses

If you have an interest in a course that is not offered by our school, see your counselor about the availability of the course through online format. Administration reserves the right to deny requests.

Grade 9

Required

English:

English 9: Global Communications

Math:

Algebra or * Geometry

Science:

Science 9 or * Biology

Social Science:

U.S. History I

Physical Education/Health:

- * Health
- * Introduction to Health and Fitness (Required either 9th or 10th grade)

Electives

Art:

- Intro to Art
- Graphic Arts/Design 1 (TC)
- * 3D Printing and Modeling
- * Robotics

Business/Information**Technology:**

- Focus on Business
- * Computer Apps
- Accounting I
- Marketing
- Law and You
- * Video Game Creation

Family & Consumer Sciences:

- * Clothing Care & Construction I, II
- * Culinary Arts I, II
- * Development of the Young Child

Music:

- Band
- Treble Choir
- Concert Choir
- * Guitar I, II
- * * Hand Drumming
- * * Advanced Musicianship
- * * Introduction to Band Instruments
- * Class Piano I, II, III
- * * Jazz Ensemble
- * Music Literacy

Science:

Marine Ecology (Summer)

Social Science:

- * World Geography

Technology Education:

- Engineering Drafting 1
- * Home Maintenance
- Woods I
- Metals I (AS)
- * Small Engine Technology
- * Basic Electricity/Electronics
- * Exploring Technology
- * Girls: Home/Vehicle

World Languages:

Spanish I, II

Grade 10

Required

English:

English 10: American Studies

Math:

Geometry or Algebra II
Please Note: A second credit of math is required in the 10th grade year.

Science:

Biology or General Chemistry

Social Science :

U.S. History II or European History

Physical Education:

- * Introduction to Health and Fitness (Required either 9th or 10th grade)

Electives

Art:

- Independent Art
- * Photography I
- * Photography II (TC)
- Graphic Arts/Design II

Business/Information**Technology:**

Accounting II

English:

- * * Creative Writing

Family & Consumer Sciences:

- Culinary Arts III
- * Child Growth & Development
- * Intro. to Health Care Occupations

Social Science:

- * Sports and Society

Music:

- * Show Choir

Physical Education:

- * Competitive Team Sports
- * Team Sports
- * Recreational Sports
- * Personal Fitness
- Year Advanced Weight Training
- * Sem. Advanced Weight Training

Technology Education:

- * Engineering Drafting II
- Construction (Residential)
- * Woods II
- * Metals II (TC)
- * Car Care/Consumer Auto.
- Formula Racing (AS)

World Languages:

Spanish II, III

Grade 11

Required

English: 1 Credit (1-2 courses) from the following:

- * College Prep English
- * * College Composition
- * Mythology
- * Mystery & Horror
- * Fantasy & Science Fiction
- * Sports Literature
- * Modern Novel
- * War & Conspiracy
- * Outdoor Literature
- * Creative Writing (in addition to 2 req.)

Math:

- Algebra II
 - * College Readiness Math
 - * Math Analysis
 - Tech Math
 - Pre-Calculus
- Please Note: A third credit of math is required in the 11th grade year.

Science: 1 Credit (1-2 courses)

- from the following:
- General Chemistry
- Advanced Biology (TC)
- * Human Genetics
- * Human Anatomy & Physiology (AS)
- * Pathology
- Ecological Science
- Physics (TC)
- Advanced Chemistry

Social Science :

- * American Government
- * Sociology (AS)

Physical Education:

- * Any of the Grade 10 elective offerings

Electives

Art:

Studio Art

Family & Consumer Sciences:

- * Intro to Hotel & Hospitality Management (TC)

Criminal Justice:

- * Intro to Criminal Justice

Social Science:

- * Today's Topics
- * Applied Psychology (TC)
- * Psychology -Theory & Research (TC)

Technology Education:

- * Auto Transportation Technology
- * Independent Study in Technology

World Languages:

Spanish III, IIII

Work Experience:

- * Tech Prep

Grade 12

Required

English:

- * Speech (AS)
- 1 Credit (1-2 courses) from the following:
- Any of the Grade 11 offerings
- * Honors English (TC)

Social Science :

- * Consumer Economics

Electives

Math:

- * Calculus

World Languages:

Spanish IIII, V

Work Experience:

- * Tech Prep
- * Youth Apprentice

Courses may be taken the year listed and any previous year, except where noted in the course description.

CODES:

- * Semester Course
- * Needs Teacher Approval

GRADUATION REQUIREMENTS

The minimum credit requirement will be as follows:

Minimum Credit Requirement- A high school diploma shall be granted upon successful completion of a total of at least twenty-four (24) credits in grades 9 through 12, including four (4) credits of English, three (3) credits of Mathematics, three (3) credits of Science, three and one-half (3.5) credits of social sciences, one and one-half (1.5) credits of physical education, one half (0.5) credit of health education and eight and one-half (8.5) elective credits.

Twenty community service hours are required for all students before graduation

Language Arts	4 Credits
Mathematics	3 Credits
Science	3 Credits
Social Science	3.5 Credits
Physical Education	1.5 Credit
Health	0.5 Credits
Electives	8.5 Credits
Total	24 Credits

Community Service hours

Twenty (20) community service hours are required for all students before graduation. Forms are available on the Two Rivers High School Web site under the Student's Services tab or in the High School office.

ACP

All students are required to complete grade-level ACP requirements in order to graduate. Students will be provided with grade level checklists. Students from the class of 2021 will be the first class that is required to have the checklists completed for all four years.

Civics Exam

Student must pass the Civics exam with 65% or better score.

Planning Your High School Courses

Graduation is the first goal of every student enrolled in high school. Besides meeting the requirements for graduation, the student's choice of subjects should have direction and purpose. The student who chooses school subjects with a definite goal in mind will enjoy the time spent on them and will be better prepared for the future. Your high school program will depend upon your interests, abilities and future plans. Following are some suggestions, which may help you:

1. Make sure your program fulfills graduation requirements
2. Keep your vocational goals in mind
3. Study the entrance requirements for schools of higher education
4. Take subjects with value, meaning and appeal for you

Course Load

Students must maintain their full-time status with a course load of 6 credits per year and a minimum of 6 classes per semester. Variation from this policy may only be granted through an IEP, 504 plan, or through administration approval.

Course Changes

Students requesting a change *prior to the start of the school year* must meet with both their parent/guardian and a counselor. They may only enroll in classes with space available. Permission to drop a class may be denied if the number of students remaining in the class becomes too low to offer the course.

Adding & Dropping Courses

Staffing, courses to be run, along with the number of sections of each course are determined by the number of students that sign up for each class. When students request course changes after the master schedule has been built, it often creates overloaded sections in the course that is added. It also leads to small-sized sections in the course that is dropped. This is one reason why course changes are only granted after careful consideration.

After the classes begin students will not be allowed to drop classes.

Students may not add a course after the **fifth day** of the new semester. If the minimum course load requirement is met, a student may withdraw from a course after meeting with both their parent/guardian and a counselor. The student will receive an "F" for the semester grade, which counts against academic records and affects athletic and co-curricular eligibility. A teacher-initiated course withdrawal may be granted without penalty, if the student has completed all coursework and met with the teacher for extra help. Parents and students who wish to meet with a counselor should call ahead to schedule an appointment.

POST SECONDARY ADMISSIONS REQUIREMENTS

Although admissions requirements at colleges and universities vary, the University of Wisconsin system **recommends** the following preparations for college bound students. This program would prepare students for almost all colleges and universities nationwide:

English	4 credits (including literature and composition)
Mathematics	3 credits (including Algebra, Geometry, and Algebra II)
Science	3 credits (including Science 9, Biology, plus an advanced lab science course)
Social Science	3 credits
Foreign Language	2 credits <i>in the same language</i>

Additional useful skills and experiences – typing, computer literacy, visual and performing arts, school and community activities.

These are ***recommendations only***. Not all colleges and universities **require** all of this course work. If you do not have all the above courses, you may be required to take remedial and/or additional courses once you are in college. See your counselor early in your high school career or check college admission and program requirements to be sure that your program of study meets the specific requirements at the college or university of your choice.

Wisconsin Technical Colleges

Admission to specific programs is dependent upon individual ability to meet minimum requirements and prerequisites.

Students are advised to carefully review their course selections to insure that they can meet all admission requirements for the school training program of their choice. Colleges are increasingly scrutinizing the level of difficulty of the course work taken by students during their senior year. Students who elect to take less demanding course work may find admission to certain colleges and technical programs very difficult.

Articulated Credits/Dual Credits

There are two types of Articulated/Dual credits—**advanced standing** and **transcripted credit**. Students benefit from both types of articulation.

Advanced Standing (AS):

High school students may take high school courses for which advanced standing credit is available upon enrollment at a postsecondary school. All Wisconsin technical colleges will recognize “advance standing agreements” made between a high school and a single Wisconsin technical college for the purpose of granting advanced standing for comparable courses when requested at another technical college.

Transcripted Credit (TC):

Select high school courses may be taken for transcripted (dual) credit. The course is the same as what is offered at a postsecondary college and the student receives credit from both the high school and college. The Early College credit program also falls into this category.

CAPP- Cooperative Academic Partnership Program-

CAPP courses are college courses. Students who meet the entrance requirements and successfully complete CAPP course requirements receive a transcript of the credits from the college offering the course. Check with individual college/university requirement for credit.

Early College Credit Program/Start College Now:

High school students can take classes at a college that are not offered at the high school. The student must meet and get the approval of his or her counselor as well as complete all necessary paperwork by October 1, if requesting for second semester, and March 1, if requesting for first semester. High school credits are granted for post-secondary courses taken under the Early College Credit Program and Start College Now. The approved high school credit(s) granted are as follows: one-quarter high school credit per one semester credit offered by a post-secondary course.

ART

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite</i>
Intro to Art	01100	9-10-11-12	1 credit	\$17 material fee
Independent Art	01101	10-11-12	1 credit	Intro to Art \$17 material fee
Studio Art	01300	11-12	1 credit	Intro to Art Independent Art \$17 material fee
Photography I	01220	10-11-12	0.5 credit	Material fee
Photography II (TC)	01230	10-11-12	0.5 credit	A grade of "C" or better in Photography I. Material fee Dual-credit course
Graphic Arts/ Design I (TC)	01250	9-10-11-12	1 credit	Dual-credit
Graphic Arts/ Design II	01320	10-11-12	1 credit	A grade of "C" or better in Graphic Arts/Design I or teacher permission. Course is repeatable
3D Printing and Modeling	01330	9-10-11-12	0.5 credit	
Robotics	01390	9-10-11-12	0.5 credit	

Intro to Art 01100 9-10-11-12 1 credit Materials needed: Fee

This class is an introduction to the visual arts, students will individually explore and create with clay, paint, sculpture, printmaking, paper making, and calligraphy, while enhancing their drawing techniques in pen, ink, pastel and marker. Students must complete Intro to Art to proceed to other art classes. =

Independent Art 01101 10-11-12 1 credit Prereq.:Intro to Art
Materials needed: Fee

This class allows students the freedom of individual creative expression by allowing them to work independently to plan and create, using the choice of mediums they find most enjoyable.

Studio Art	01300	11-12	1 credit	Prereq.: Intro to Art & Indep. Art. Materials need: fee
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Students whom have completed Intro to Art and Independent Art will be given the opportunity to use materials of higher quality to create and explore art as a possible career. Students will travel to area businesses and participate in a visiting artist series to help guide them in a possible career path as they discover their favorite mediums of choice.

Photography I	01220	10-11-12	0.5 credit	Materials needed Fee
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Photography I is a semester long basic photography course open to all students in grades 10-12. Students will receive hands-on experience in using 35mm cameras, as well as digital cameras. Students will develop film and photographs using the darkroom as well as adjust and alter digital photographs using Adobe Photoshop. Materials are required for this course.

Photography II (TC)	01230	10-11-12	0.5 credit	Prereq.: A "C" or better in Photography 1. Materials needed fee. Transcribed Course
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Photography II is a course that utilizes and expands the basic skills learned in Photography I. Students will learn and be provided with classroom experiences in the area of lighting techniques, special effects in printmaking, macro-photography, filter use and lens use. Student will also explore more creative options using digital image editing software. This course is open only to students who maintained a "C" in Photography I, unless pre-approved by the instructor. Materials are required for this course. Students successfully completing this class earn 3 free transcribed college credits from LTC which can be transferred to other colleges or universities.

Graphic Arts/ Design I (TC)	01250	9-10-11-12	1 credit	Transcribed course
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Graphic Arts/Design I is a basic course in the area of computer graphics which covers the primary graphic arts processes. Students will receive hands-on experiences in the area of Graphic Arts/Design. Along with other equipment, students will use illustration software for precision layouts and project design, including illustration, photograph manipulation, screen printing, web design, and basic Flash animation. This is a general course for printing, business and art oriented students interested in learning about the second largest industry in the United States today. Students successfully completing this class earn 3 free Transcribed college credits from LTC. While these 3 free college credits are from LTC, they can be transferred to other colleges or universities.

Graphic Arts/ Design II	01320	10-11-12	1 credit	Prereq.: A "C" or better in Graphic Arts /Design 1 or permission from teacher
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Graphic Arts/Design II is continuation of Graphic Arts 1. This class gives students an opportunity to expand their current knowledge of graphic design concepts. Students will get practical, hands-on experience advancing their knowledge of Action Script, and other design software, to create interactive multimedia designs.

3D Printing & Modeling 01330 9-10-11-12 0.5 credit

3D Printing and Modeling is a hands-on class that focuses on creating digital 3D objects. Students will learn how to create 3D shapes using a number of programs and explore many 3D printing options including different kinds of printers, types of plastic/metal, and printer settings to create quality 3D prints. This class also digs into the creative problem-solving process.

Robotics 01390 9-10-11-12 0.5 credit

This is a semester-long class that serves as an introduction to the world of robotics. This class focuses on using the design process to plan, build, problem solve, and program a working robot that is able to compete in the First Tech Challenge. The class will combine your skills in STEAM (science, technology, engineering, art, and math) areas into a hands-on project.

BUSINESS/INFORMATION TECHNOLOGY

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite</i>
Focus on Business	02100	9-10-11-12	1 credit	
Computer Apps	02110	9-10-11-12	0.5 credit	
Accounting I	02320	9-10-11-12	1 credit	
Accounting II	02325	10-11-12	1 credit	A grade of "C" or better in Accounting I
Marketing	02356	9-10-11-12	1 credit	
Law and You	02370	9-10-11-12	1 credit	
Video Game Creation	02375	9-10-11-12	0.5 credit	

Focus on Business 02100 9-10-11-12 1 credit

Focus on Business provides knowledge and skills that all young adults need to become experienced consumers, workers, and citizens. Topics covered in this class include: career planning, consumer buying strategies, using a checkbook, understanding credit cards, economic systems, business ownership, the relationship between government and business, saving and investing, insurance, and budgeting. Computers as a tool will be incorporated into this class.

Computer Apps 02110 9-10-11-12 0.5 credit

Upon completion of this course students will have utilized essential computer applications which will enable them to achieve computer literacy. Students will have a basic foundation in creating

documents in word processing, spreadsheets, multimedia presentations and graphics. Students will also receive enrichment in using the Internet.

Accounting I 02320 9-10-11-12 1 credit

This course is a blend of traditional methodology of accounting with current applications of computer technology. Students will be able to gain mastery of basic accounting concepts and procedures while they gain computer applications used to perform various accounting activities. This is an excellent course for students who plan on entering a career in business. Glencoe Accounting is a program that addresses the needs of students who want a strong foundation in basic accounting theory and procedures, integrated with computerized accounting systems.

Accounting II 02325 10-11-12 1 credit

Students enrolled in Accounting II will find this class designed to be used by the college accounting student as well as the vocational oriented student. This class covers much of the same materials that students will study in a beginning college accounting course, but at a level suitable for high school students. It also helps prepare those students for various tasks they will encounter on the job. *Computers as a tool will be incorporated into this class.* Student in advanced accounting will study basic and advanced accounting principles, use common techniques to interpret financial statements, describe differences in accounting for different types of business organizations, accounting for not-for profit organizations, accounting for departments, branches and manufacturing and information required for the planning and control of business.

Marketing 02356 9-10-11-12 1 credit

Marketing activities are found in every type of business! In this course students will explore the foundations of marketing, specifically focusing on the marketing mix—place, price, product and promotion. The second semester of this course will focus on sports marketing, specifically sponsorship, event marketing and team marketing plans. Projects, hands-on activities and group work are prevalent.

Law and You 02370 9-10-11-12 1 credit

Students who enjoy learning about trials, discussing the impact of current events on law and want to know more about their rights as an individual citizen. Students will participate in a variety of interactive and practical activities, such as in-class mock trials, case studies, interpreting contracts, Internet activities, field trips and guest speakers as part of the process of learning how law, specifically business law, impacts society. Mock trials will be conducted in the course.

**Video Game
Creation** 02375 9-10-11-12 0.5 credit

The student will learn several programming languages to create new video games that include animation, sound, music, motion, lives and levels. Technical skills related to software development, computer programming and graphic design will be taught. Creativity, innovation and critical thinking skills will be used to create video games in this STEM (science, technology, engineering and math) related course!

FAMILY AND CONSUMER SCIENCE

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite/Fees</i>
Clothing Care & Construction I	04200	9-10-11-12	0.5	Class fees required
Clothing Care & Construction II	04210	9-10-11-12	0.5	Class fees required. Prerequisite: Clothing Care & Construction 1
Culinary Arts I	04220	9-10-11-12	0.5	Class fees required. This is a prerequisite for Culinary Arts II, III.
Culinary Arts II	04240	9-10-11-12	0.5	Culinary Arts I. Class Fees
Culinary Arts III	04260	10-11-12	1	Class fees required. Prerequisite: Culinary Arts I & II
Development of the Young Child	04245	9-10-11-12	0.5	
Child Growth & Development	04250	10-11-12	0.5	
Intro to Hotel & Hospitality Management (TC)	04450	11-12	0.5	Class is a Dual Credit class
Intro Health Care Occupations	04000	10-11-12	0.5	

Clothing Care and Construction I 04200 9-10-11-12 0.5 credit

Clothing Care and Construction I is a course open to students in grades 9-12. Students will study textile characteristics and the principles of clothing design, care, and construction. Students will construct a simple sewing project during the first quarter and an individual project during the second quarter. **Students are required to purchase materials for this course.**

Clothing Care and Construction II 04210 9-10-11-12 0.5 credit

Clothing Care and Construction II is a course open to students who have completed Clothing Care and Construction 1. Students in this course will have the opportunity to develop advanced clothing construction skills and choose an advanced level project to complete. **Students are required to purchase materials for this course.**

Culinary Arts I 04220 9-10-11-12 0.5 credit

Culinary Arts I is a course which includes the study of wellness and nutrition in one's everyday life. Units of study include food safety and sanitation, wellness and nutrition throughout the life cycle, and basic food preparation. Class Fees required. This is a prerequisite for Culinary Arts II and III.

Culinary Arts II 04240 9-10-11-12 0.5 credit Prereq.: Culinary Arts I

Culinary Arts II is a course which includes the study of baked goods. Units of study will include cakes, pies, cookies, bread and pastries. Class fees required. This is a prerequisite for Culinary Arts III.

Culinary Arts III 04260 10-11-12 1 credit Prereq.: Culinary Arts I and II

Culinary Arts III focuses on the various components of the hospitality industry concentrating in professional cooking. Students will work on the first year of National Restaurant Association ProStart program. Projects include the TRHS School House Coffee Cart, Holiday Treat Sale, specialty meals, creative garnishes and cooking, and foods for special occasions. Students have the opportunity to participate in ProStart competition in March. Class fees required

Development of the Young Child 04245 9-10-11-12 0.5 credit

This class explores families, parenting, prenatal development, birth, and the young child. Students in this class will 'parent' a baby simulator for one weekend during the semester. Students will learn skills for working with families and young children.

Child Growth & Development 04250 10-11-12 0.5 credit

This class will explore intellectual, physical, emotional, and social areas of development of the children from young child to adolescence. Students interested in becoming parents and /or working in the areas of child care, education, health care and human services will find this class useful.

Intro to Hotel & Hospitality Mngmt (TC) 04450 11-12 0.5 credit Transcribed Credit

This course prepares the student to examine the history and foundations of the hospitality industry, formulate a higher level knowledge of what the hospitality industry has to offer, evaluate the restaurant industry, organization and operation. To evaluate the world of hotels, their organization and operations, assess the opportunities presented by the cruise line business, and gaming and casino hotels. To examine marketing perspectives, management companies and franchising in the hospitality business, explain how ethics affect management in the hospitality industry. This is a dual credit course with LTC.

Intro to Health Care Occup. 04000 10-11-12 0.5 credit

Are you interested in a health related occupation as a career? Would you like to explore the growing field of health care? You can do so by exploring over 200 medical careers and match a career to your personal qualities. Major units of the course include an overview of healthcare facilities, personal health care qualities, legal responsibilities, and medical terminology. Field trips to hospitals, frequent health care professional speakers, and observations in the field of interest will be provided through this course. This course will give an opportunity to explore the different careers in the health field to those students who want to continue on after high school in a health occupation.

HEALTH

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite</i>
Health	06350	9	0.5	Required

Health 06350 9 0.5 credit Required

Health is a course required by all freshmen. The overall goal of the health program is to provide students with the knowledge, skills and understanding that will enable them to complete their developmental tasks in ways that are health enhancing, both with their immediate health needs and the long term consequences of behaviors they initiate during this period.

**PLEASE NOTE: Starting with the class of 2023, Health is required for Freshman.
Health is required of all students before Graduation.
ALL SOPHOMORES AND JUNIORS WILL BE REQUIRED TO TAKE HEALTH BEFORE
GRADUATING**

INTRODUCTION TO CRIMINAL JUSTICE

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite</i>
Intro to Criminal Justice	09005	11-12	0.5	

Intro to Criminal Justice 09005 11-12 0.5 credit

Students will learn the procedures used by law enforcement and the reason behind those procedures. The class will include lecture/discussion, hands-on demonstrations, guest speakers, videos and field trips. The course is instructed by an Officer and is aimed at the student who wants to understand more about law enforcement, the laws, and the different careers and

English 9 05100 9-Required 1 credit

Students will practice and develop critical writing, reading, speaking and listening skills. The year-long course digs into classic and contemporary literature to explore the long process of “growing up,” including units such as Coming of Age, Personal Choices, and Discovering New Realities. Students develop essential essay writing skills and critical thinking skills while engaging in discussion and collaborative learning.

English 10 05200 10-Required 1 credit

Students continue to develop the reading, writing, speaking and listening skills introduced in English 9. The year-long course exposes students to classic and contemporary literature to explore the topic of “Social Justice” including units such as Social Perspective, Icons of Social Movements, Protest and Social Voice. Students focus on the writing process and critical reading skills through collaboration, research and literary analysis.

Genre Elective Courses 0.5 Credits each 0.5 Credits each

Genre elective courses are focused on further developing the foundational skills students develop in English 9 and English 10. Students will explore possible units such as Defining the Genre, Iconic Authors and Texts, and Thematic Explorations. Students will practice researching key genre elements and responding to exemplar classic and contemporary literary works. Each genre course places a unique emphasis on analyzing organization and author craft. All genre courses will follow the same skills and template; each course, however, has its own unique literature and course focus.

ELECTIVE COURSE OPTIONS:

Mythology 05330—gods and heroes come alive in a critical study of mythological text, culture and human experience.

Mystery & Horror 05345—a look at how fear and suspense are built —and what these tales reflect about our own world--while focusing on classic villains and monsters.

Fantasy & Science-Fiction 05350—a study of how this genre comments on and critiques our world through the creation of magical or futuristic worlds.

Sports Literature 05375—a historical approach to analyzing classic sports figures and inspirational stories, focusing on how sport can be a reflection of life.

Modern Novel 05360— an exploration of a variety of perspectives on the unique issues within society today including social media, harassment, violence in schools, and relationships.

War & Conspiracy 05370— a study of the impact of never-ending war and our human need to create scapegoats and conspiracy theories as alternatives to truth.

Outdoor Literature 05380— a literary study of the outdoor experience, why we are drawn to it, and how we can all appreciate it, whether we are outdoor adventurers, environmentalists, or quiet observers.

Speech I (AS) 05300 12- Required 0.5 credit Advanced Standing

Speech I will offer the student the basic fundamentals in public speaking, including: speech preparation, body movements and gestures, speech delivery, and the development of specific types, such as informative and persuasive. This is a *senior* year required course (open to juniors with English department approval). Class receives Advanced Standing from LTC.

Creative Writing 05340 10-11-12 0.5 credit

Creative Writing is a semester course open to sophomores (via teacher recommendation), juniors, and seniors. This is a course for those who wish to express themselves creatively and imaginatively in such literary forms as the short story, children's story, poetry and nonfiction. Techniques, insofar as they might aid the student in expressing him/herself artistically, will be studied. All will be encouraged to enter their work in contests and for publication.

College Composition 05440 11-12 0.5 credit

College Composition is a writing course that follows what is traditionally taught at LTC or UWGB-Manitowoc Campus for the required English Course. The goal is to improve the writing process while learning how to write in a variety of styles that will be required in *any* type of post-high school college, especially the tech programs or two year programs. College Composition focuses on narrative and descriptive writing, argumentative writing, college applications and resume writing, and structured analysis writing: any student looking to take some form of college after high school is encouraged to consider this course.

College Prep English 05400 11-12 1 credit Prereq.: Teacher Approval

College Prep is aligned with AP English standards, which means it is a challenging course, but it also helps prepare students who may potentially want to take the AP English tests for college credit. Designed to hone students' critical reading, writing, and thinking skills to meet the rigors of college, this course is centered around the study of literature, ranging from mythology to Shakespeare to diverse contemporary literature. Students will analyze the reading extensively and continue the analysis through discussion and writing. ***Teacher recommendation required for enrollment.***

Honors English (TC) 05460 12 1 credit Prereq.: Teacher Approval
Transcripted Credit

Honors English is a year-long course aligned with UWGB that provides students with the opportunity to earn full college credit for two semesters of college level English. The course duplicates the content and expectations that most students will experience from English courses that are required during their first year of college. The course is open only to seniors who hold an overall grade point average of 3.4 or higher and receive the recommendation of at least one English teacher. As with typical college courses, students may be expected to purchase or rent the books for Honors English, but efforts are made to reduce this cost considerably. The first semester focuses on formal and informal essay writing. The second semester emphasizes

in-depth probing and discussion, both written and oral, of literature. Students are able to earn dual credit from UW- Green Bay; there is a cost to students for these credits.

MATHEMATICS

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite</i>
Algebra	05600	9-10-11-12	1	
Geometry	05700	9-10-11-12	1	Successful completion of Algebra or consent of instructor
Algebra II	05800	10-11-12	1	Successful completion of Geometry or consent of instructor
College Readiness Math	05810	11-12	0.5	Successful completion of Algebra, Geometry, and Algebra II
Math Analysis	05820	11-12	0.5	Successful completion of Algebra, Geometry, and Algebra II.
Tech Math	05830	11-12	1	Successful completion of Algebra and Geometry.
Pre-Calculus	05900	11-12	1	Successful completion of Algebra II
Calculus	05950	12	1	Pre-Calculus or consent of instructor

Algebra 05600 9-10-11-12 1 credit

Algebra combines letters representing numbers according to the rules of arithmetic. Algebra is a prerequisite for geometry, chemistry and physics. The course includes: adding, subtracting, multiplying and dividing of algebraic numbers, equations in one unknown (x) and two unknowns (x and y), graphing, factoring, fractions, sets and inequalities in one and two unknowns.

Geometry 05700 9-10-11-12 1 credit Prereq.: Successful completion of Algebra or consent of instructor

Geometry presents mathematics as a deductive system—a system in which facts are developed logically. Much emphasis is placed on proving theorems. The facts proved about geometric figures provide a foundation for further study in mathematics and enables students to solve some common practical problems, such as the indirect measurement of distance and calculating areas and volumes.

Algebra II 05800 10-11-12 1 credit Prereq.: Successful completion of Geometry or consent of Instructor

This course is divided into Algebra II and Trigonometry. It is a continuation of Algebra with special emphasis on quadratic equations, conic sections, sequences and series, matrices, and trigonometric functions (sine, cosine, tangent, secant, cosecant, and cotangent.)

College Readiness Math	05810	11-12	0.5 credit	Prereq.: Successful completion of Algebra, Geometry & Algebra II
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This course is designed for students to further investigate algebraic topics. Topics to be included, but not limited to, are: linear functions, quadratic functions, exponential functions, radical equations, rational equations, inverse functions and piecewise functions.

Math Analysis	05820	11-12	0.5 credit	Prereq.: Successful completion of Algebra, Geometry & Algebra II
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This course is designed for seniors or juniors who are looking to learn about topics not covered in Algebra or Geometry. Topics to be included, but not limited to, are: conic sections, trigonometric functions, the unit circle, sequences and series and probability and statistics.

Tech Math	05830	11-12	1 credit	Prereq.: Successful completion of Algebra and Geometry
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This course is designed to prepare those students who will be entering a technical school or the military. Topics to be included, but not limited to, are: fractions, decimals, percepts, basic Geometry concepts, scientific notation, linear equations, proportions, quadratic equations and basic Trig functions.

Pre-Calculus	05900	11-12	1 credit	Prereq.: Algebra II
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This course covers elementary mathematical analysis, a comprehensive study of field axioms and functions, touching the subject of analytic geometry, limits, continuity and series. Other areas investigated are complex numbers, polar coordinates and exponential and logarithmic functions. Differential and integral calculus is introduced.

Calculus	05950	12	1 credit	Prereq.: Pre-calculus or consent of Instructor
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This course covers the four major concepts to be mastered in a first-semester, college-level calculus course—limit, derivative, definite integral, and indefinite integral. For each concept, the student will learn the precise definition, have an intuitive understanding of what the concept means, be able to “do” the concept, and be able to apply it in the real world or mathematical world. There are four ways this knowledge will be obtained—numerically, graphically, algebraically, and verbally. By using such multiple representations, students will learn methods for differentiating and integrating the elementary transcendental functions—trigonometric, exponential, logarithmic, and hyperbolic.

MUSIC

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite</i>
Band	06010	9-10-11-12	1	Previous Band Experience
Treble Choir	06020	9-10-11-12	1	
Concert Choir	06030	9-10-11-12	1	Two Years of Treble Choir or consent of Instructor
Show Choir	06035	10-11-12	1	Enrolled in a chorus class and teacher audition
Guitar I	06040	9-10-11-12	0.5	
Guitar II	06041	9-10-11-12	0.5	Guitar I
Hand Drumming	06045	9-10-11-12	0.5	Consent of Instructor
Advanced Musicianship	06050	9-10-11-12	0.5	Consent of Instructor
Intro to Band Instruments	06060	9-10-11-12	0.5	Consent of Instructor
Class Piano I	06064	9-10-11-12	0.5	
Class Piano II	06066	9-10-11-12	0.5	Piano I or consent of instructor
Class Piano III	06068	9-10-11-12	0.5	Piano II or consent of instructor
Jazz Ensemble	06070	9-10-11-12	0.5	Consent of Instructor
Music Literacy	06080	9-10-11-12	0.5	Musical Background Preferred

Individualized instruction will be available in most areas of music for those whose needs may not be met by the courses listed above. Please consult the instructor.

Band 06010 9-10-11-12 1 credit Prereq.: Previous Band experience

Band is a two-semester course for students in grades 9-12. A student may enroll in this class as many as four times. Band instruction provides the opportunity for students to develop their individual level of musicianship, experience performance situations, and gain a sound education in the art of musical expression through the areas of melody, rhythm, harmony, timbre, texture and form. Rehearsals demand student maturity and cooperation. Lessons and/or sectionals, scheduled during the school day, are a requirement of this course. Participation in concert activities is also required: in school pep assemblies, parades during the school year, pep band performances at home conference football and basketball games, marching field shows, Holiday

Concert, Winter Band Concert, Spring Concert, solo ensemble festival, and field trips during the school year. (Freshmen are required to also sign up for Music Literacy for one semester.)

Treble Choir 06020 9-10-11-12 1 credit

This class is designed primarily for freshman and sophomore women. Music studied and performed includes easy to intermediate music in 3 to 4 parts in all styles, periods and genres. Vocal techniques and musicianship skills will be studied. Rehearsals demand student maturity and cooperation. Lessons, scheduled during the day are a requirement. Participation in concert activities is required.

Concert Choir 06030 9-10-11-12 1 credit Prereq.: Women: 2 years of Treble Choir or consent of Instructor

This choir is made up of 9th-12th grade men and 11th and 12th grade women(9th-10th require consent of instructor). Music studied and performed includes complex 3 and 4 part songs in all styles, period and genres. Concepts of advanced vocal techniques, music fundamentals, music appreciation and musicianship will be studied. Rehearsals will demand considerable student maturity and cooperation. Lessons, scheduled during the day are a major requirement of the course. Participation in concert activities is required. It is recommended that students have prior choral experience of at least two years. Early acceptance into this choir will be determined by auditions or consent of the instructor.

Show Choir 06035 10-11-12 1 credit Prereq.: Enrolled in a chorus class and teacher audition

Show Choir is an audition only group for students interested in performing in a singing and dancing ensemble. Students will study and learn various genres of music including pop, jazz, show tunes, and more. This is a year long commitment. Students will be required to attend a small amount of extra rehearsals outside of the school day, as well as several performances outside the school day. Students are required to take a regular ensemble choir (Treble Choir, Concert Choir) in order to be eligible to take Show Choir. Previous dance experience is not required.

Guitar I 06040 9-10-11-12 0.5 credit

Guitar class is offered to all high school students. Enrollment may be limited due to the number of school-owned guitars available; however, students can use their own guitar if they have one. The class is designed to teach students how to play guitar, including reading melodies, rhythms and chords as well as transcribing music off of recordings.

Guitar II 06041 9-10-11-12 0.5 credit Prereq.: Guitar I

Guitar II class is designed for the intermediate guitar student who has mastered the skills required in Guitar. Enrollment may be limited due to the number of school-owned guitars available; however, students can use their own guitar if they have one. The class is designed to further teach students how to play guitar, including melodies, rhythms, and chords as well as transcribing music off of recordings.

Hand Drumming Ensemble 06045 9-10-11-12 0.5 credit Prereq.: Consent of instructor

Open to all students, Grades 9-12 currently enrolled in band. Students not currently in the band program can audition to be a member of the ensemble. Membership to the group may be limited based upon number of instruments available. Students will learn to play multi-cultural music made up of mostly percussion instruments. The ensemble will perform at concerts and festivals.

Advanced Musicianship 06050 9-10-11-12 0.5 credit Prereq.: Consent of instructor

This course is for students who want to improve on their musicianship and musical abilities. Students will design a project or area of study upon which they will work. Areas include jazz improvisation, composition, arranging, festival music, etc. (See the instructor for permission to enroll in this course.)

Intro to Band Instruments 06060 9-10-11-12 0.5 credit Prereq.: Consent of instructor

This course is designed for students who need remedial help on a band instrument or wish to learn how to play a band instrument. The student may select trombone, tuba, trumpet, French horn, bassoon, clarinet, flute, saxophone or percussion. This course covers sound production, reading music and basic musicianship. Successful completion of this course will satisfy the prerequisite for enrolling in band. (See the instructor for permission to enroll in this course.)

Class Piano I 06064 9-10-11-12 0.5 credit Prereq.: Piano I or Consent of instructor

This course is designed for the beginning piano student. Content includes learning to read simple rhythms, read treble and bass clef notes, interpret the most commonly used dynamic symbols, play with both hands simultaneously, and use the most common chords to harmonize melodies. Styles of music will vary. ***Students do not have to know how to play the piano to take this course.***

Class Piano II 06066 9-10-11-12 0.5 credit Prereq.: Piano II or Consent of instructor

This course is designed for the intermediate piano student who already has mastered the skills required in Class Piano I. Alternating private lessons will be scheduled during the class. Students will learn to play more complicated two-hand music and will expand their knowledge of music theory. Styles of music will vary.

Class Piano III 06068 9-10-11-12 0.5 credit

This class is designed for the student who has mastered the skills of Class Piano I and II. The focus of this class will be on developing the coordination of two-hand playing along with use of the pedals. More advanced theory will be studied. ***Note: You may take this class even if you have not taken Class Piano I and II, provided you already possess the required skills. Check with the instructor.***

Jazz Ensemble 06070 9-10-11-12 0.5 credit Prereq.: Consent of instructor

This course is offered for 0.5 credit for one semester. The course is offered to saxophone, trumpet, trombone, piano, guitar, and drum set players who are also enrolled in Band. This course includes the performance of jazz, jazz-rock, blues, swing, big-band standards, and ballad styles of music. In addition to learning the literature, students will learn the art of improvisation with a step-by-step approach.

Music Literacy 06080 9-10-11-12 0.5 credit Prereq.: Music background preferred

Music Literacy is offered for 0.5 credit for one semester to all students. The course covers basic concepts in counting rhythm patterns, music theory, and overview of all the instruments, music history and basic attitudes of good musicianship.

PHYSICAL EDUCATION

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite/Fees</i>
Intro to Health & Fitness	06100	9-10	0.5	Required in 9 th or 10 th gr.
Competitive Team Sports	06200	10-11-12	0.5	Intro to Health & Fitness
Team Sports	06210	10-11-12	0.5	Intro to Health & Fitness
Recreational Sports	06220	10-11-12	0.5	Intro to Health & Fitness Fee required
Personal Fitness	06230	10-11-12	0.5	Intro to Health & Fitness
Year Advanced Weight Training	06305	10-11-12	1	Intro to Health & Fitness
Semester Advanced Weight Training	06310	10-11-12	0.5	Intro to Health & Fitness

Note: All students are required to take "Intro to Health & Fitness" in their freshman or sophomore year.

Intro to Health & Fitness 06100 9-10 0.5 credit Required

Intro to Health & Fitness is a ninth or tenth grade semester course designed to introduce students to a wide variety of Physical Education activities. Students will work on skill development and learn associated rules and strategies while participating in cooperative games, football/soccer, volleyball/basketball, and swimming units. Students will also learn important health and fitness concepts through the completion of a fitness unit in which they will establish personalized health

and fitness goals, and work to accomplish those goals while performing a series of running, walking, and weight training workouts.

Competitive Team Sports 06200 10-11-12 0.5 credit Prereq.: Intro to Health & Fitness

“Competitive Team Sports” is a semester course designed for athletic, competitive students. A greater emphasis will be placed on the competitive aspects of team sports. Students will participate in badminton, basketball, football/soccer, volleyball units. Students choosing to enroll in “Competitive Team Sports” should enjoy competition, have a basic knowledge of these sports, and are confident they can execute the skills and strategies associated with the majority of these activities.

Team Sports 06210 10-11-12 0.5 credit Prereq.: Intro to Health & Fitness

“Team Sports” is a semester course designed primarily for non-athletic students. A greater emphasis will be placed on learning the basic knowledge and fundamentals of the sport. Students will participate in badminton, basketball, football/soccer, softball, tennis, and volleyball unit. Students choosing to enroll in “Team Sports” will be exposed to competitive situations, but less emphasis will be placed on the competition aspect.

Recreational Sports 06220 10-11-12 0.5 credit Prereq.: Intro to Health & Fitness
Fee required

“Recreational Sports” is a semester course designed for students interested in individual sport and fitness activities. Students will learn basic rules and develop skills while participating in a variety of activities such as archery, badminton, bowling, golf, horseshoes, disk golf, orienteering, swimming and tennis. **This course requires a \$15.00 fee due a week prior of the start of the bowling unit. Students who fail to pay the fee will receive “0 Points” for the bowling unit.** For more information on this course, please contact Mr. Jansky.

Personal Fitness 06230 10-11-12 0.5 credit Prereq: Intro to Health & Fitness

“Personal Fitness” is a semester course designed for students who are serious about improving their overall health and fitness levels. The “Personal Fitness” course will focus on improving the student’s muscular strength, cardiovascular endurance, resting heart rates, and nutritional habits. Students will spend 8-10 days in the classroom learning basic health and fitness concepts, and complete a series of basic fitness tests to determine their current fitness levels. Based on their fitness testing results, students will establish health and fitness goals and perform a variety of daily workouts as they strive to improve their current health and fitness levels. For more information on this course, please contact Mr. Jansky.

Year Advanced Weight Training 06305 10-11-12 1 credit Prereq.: Intro to Health & Fitness

“Advanced Weight Training” is a Yearlong course that is designed for students who are serious about weight training and fitness. All students will participate in the Bigger Faster Stronger weightlifting program, which allows every athlete, regardless of sport or gender, to make great mental and physical gains. For more information on this course, please contact Mr. LaTour.

“Advanced Weight Training” is a semester course which can be taken for one or both semesters, it is designed for students who are serious about weight training and fitness. All students will participate in the Bigger Faster Stronger weightlifting program, which allows every athlete, regardless of sport or gender, to make great mental and physical gains. For more information on this course, please contact Mr. LaTour

SCIENCE

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite</i>
Science 9	07100	9	1	Required
Biology	07200	10	1	Required
General Chemistry	07300	11-12	1	Successful completion of entire Algebra and Biology courses
Advanced Biology (TC)	07306	11-12	1	A “B” or better in Biology and Chemistry, (Anatomy suggested), Transcribed Credit
Human Genetics	07310	11-12	0.5	Biology
Human Anatomy & Physiology (AS)	07320	11-12	0.5	Biology
Pathology	07330	11-12	0.5	Biology
Ecological Science	07350	11-12	1	Biology
Marine Ecology	07355	9-10-11-12	0.5	Fee Required
Physics (TC)	07400	11-12	1	Successful completion of entire Algebra and Biology courses, Transcribed Credit
Advanced Chemistry	07450	11-12	1	Successful completion of entire General Chemistry

Science 9

07100

9

1 credit

Required

Science 9 offers up an interactive approach to science that pushes kids to explore and experiment in order to fully understand and appreciate physical science concepts. Through a variety of hands on lab activities, students will learn to explain what they observe and apply it to concepts outside of a classroom. Students will often be asked to design their own labs or conduct engaging experiments in order to make scientific principles engaging and applicable to real world scenarios.

Biology 07200 10 1 credit Required

Biology, or the "Science of Life", is centered around the major biological concepts with emphasis on hands on laboratory experience that emphasize problem solving and the role of man in his external and internal environment. A considerable amount of laboratory work helps give meaning to the many principles, concepts, facts and theories that are studied, as well as preparing the person for future studies in science or lifetime learning skills.

General Chemistry 07300 11-12 1 credit Prereq.: Successful completion of entire Algebra & Biology courses.

A hidden world made up of atoms, ions, and molecules will be explored in this college-preparatory course. Students will quantitatively investigate matter, its interaction with other matter, and the resulting changes they undergo. Learning is enhanced with frequent, exciting laboratories where the evidence of these changes is made apparent via heat, light, and/or sound to name a few. Application to real-life phenomena and industrial processes is weaved into the curriculum throughout the year.

Advanced Biology (TC) 07306 11-12 1 credit Prereq.: A "B" or better in Biology and Chemistry. Transcribed Credit

This course is the equivalent of a freshman level college Biology class. A sound foundation in science, particularly Biology, will be crucial for student success. Lab work will be a primary component of this course. Successful completion of this course will prepare a student to take the Advanced Placement Biology exam (optional) which is accepted by most universities and colleges as either credit or fulfilling a freshman level biology requirement. This course can be taken for credit from UW-Oshkosh (Bio105) for cost.

Human Genetics 07310 11-12 0.5 credit Prereq.: Biology

This is the study of human heredity and Mendelian genetics. The student will gain a better understanding of why "you are you" both physically and chemically. Human genetics is lab oriented and involves extraction, separation of DNA fragments by electrophoresis, and statistical analysis of genetic traits in populations. The recent advances in genetic engineering are covered as well as the ethical and legal problems they create.

Human Anatomy & Physiology (AS) 07320 11-12 0.5 credit Prereq.: Biology

This class is a study of the human body on a system by system basis. The major organs and their functions are emphasized. Various laboratory activities include observation of one's own body functions.

Pathology 07330 11-12 0.5 credit Prereq.: Biology

Pathology is the study of diseases. This course will survey many of the important diseases and their bacterial, viral, parasitic, genetic, and environmental causes. Laboratory Activities reinforce central concepts and microbiological techniques.

Marine Ecology 07355 9-10-11-12 0.5 credit Fee required

Marine Ecology class consists of two parts: a week of class at TRHS and 6 days at Marine Lab in Key Largo, Florida. Topics include: general ecology, water quality, animal phyla, marine habitats, fish families, and environmental threats. Field Trips may include: Everglades, Sea grasses, Mangroves, and Coral Reefs. Many hand-on activities help to reinforce concepts. Students will learn and then apply the material while experiencing the ecology of southern Florida. Fee required for Florida excursion.

Ecological Science 07350 11-12 1 credit Prereq.: Biology

Ecological Science teaches students to be wise stewards of our environment and to have a true appreciation for the remaining wild by stressing the interrelationship between living things and their nonliving surroundings. Current ecological topics are considered as they arise.

Physics (TC) 07400 11-12 1 credit Prereq.: Successful completion of entire Algebra & Biology courses
Transcripted Credit

Physics is a laboratory-based science course for students planning on entering college or a technical career. Students will learn to describe the natural world using the language of mathematics in order to understand the physical laws governing the universe. Computer measurement hardware and analysis software is used to explore topics in motion, force, and energy. This course is a CAPP (Cooperative Academic Partnership) class, in which a student may earn 5 college credits through UW-Oshkosh, upon successful completion of the year-long course and payment of the greatly-reduced tuition fee of \$500.00.

Advanced Chemistry 07450 11-12 1 credit Prereq.: Successful completion of Chemistry

This course offers a study of Chemistry at the collegiate level. Among others, concepts of thermodynamics, kinetics, equilibrium, Lewis structures, electrochemistry, and organic chemistry will be explored via discussion, frequent laboratory work, and technological instrumentation. Though this course is not officially an "advanced placement" class, allowing content and time flexibility, the curriculum and its rigor will sufficiently prepare a student to take the AP exam in May.

SOCIAL SCIENCE

Title of Course	Course #	Year(s) Offered	Credit	Prerequisite
U.S. History I	08100	9	1	Required
U.S. History II	08225	10	1	U.S. History I
European History	08230	10	1	U.S. History I with a "C" or better
World Geography	08150	9-10-11-12	0.5	
American Government	08300	11	0.5	Required
Today's Topics	08310	11-12	0.5	
Sociology (AS)	08320	11-12	0.5	Required Class is a Dual Credit class
Applied Psychology (TC)	08330	11-12	0.5	** Class is a Dual Credit class
Psychology – Theory and Research (TC)	08340	11-12	0.5	** Class is a Dual Credit class
Sports & Society	08350	10-11-12	0.5	
Consumer Economics	08400	12	0.5	Required

***Sociology** can be an advanced standing credit through Lakeshore Technical College.

**Must take both Applied Psychology and Psychological Theory and Research in the same school year to receive dual credit through Lakeshore Technical College

U.S. History I 08100 9 1 credit Required

This course covers United States history from our country's formation through the end of the World War II era. Throughout this course students will explore and examine the important developments, events, and eras of American history from 1776-1945. The political, social and economic aspects of this time period will be thoroughly investigated. We will continually analyze how these developments and events affect our present and future.

U.S. History II 08225 10 1 credit Prereq.: U.S. History I

This course covers United States history from 1945 through the present. Students will explore and examine important developments, events, and eras including Post-WWII America, the Cold War, the Civil Rights Movement, the Vietnam War era, America at the end of the 20th Century, America's response to Terrorism, and America today. The political, social, and economic aspects of each era will be thoroughly investigated. We will continually analyze how these events affect both the present and the future of our nation.

European History 08230 10 1 credit Prereq.: U.S. History I with a "C" or better

This course is designed for students who wish to gain a better understanding of how Europe has evolved since 1450. It emphasizes student understanding of important cultural, economic, political and social developments that affected not only Europe but shaped the world we live in today. Students will develop an understanding of the principle themes in modern European history, an ability to analyze historical evidence, engage in historical interpretation, and express historical understanding in writing. A variety of teaching methods and strategies will be used to assist students in learning the necessary content and skills to prepare to take the AP European History test (optional).

World Geography 08150 9-10-11-12 0.5 credit

This course is designed to provide students with knowledge about the physical and human geography of our world. It is designed to enhance their understanding of the world's regions and cultures as to how they interrelate, and to provide beneficial instruction and practice to students in developing their basic map skills, critical thinking skills, writing skills and other general social science skills.

American Government 08300 11 0.5 credit Required

This course is designed to provide students with the knowledge and skills necessary for good citizenship. Students will learn about the functions of local, state and national governments. An in-depth look at political parties and voting will also be included.

Today's Topics 08310 11-12 0.5 credit

Today's Topics is a course that deals with local, national, and the world's daily events. Students will read a current events magazine and incorporate what they learned into the classroom discussion. The topics discussed will be supplemented by the use of the internet and news programs. Students that have an interest in the news and happenings around the world would enjoy the class. Student discussion and debate of current topics is encouraged and required.

Sociology (AS)	08320	11	0.5 credit	Required Advanced Standing
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Sociology introduces students to the basic concepts of sociology: culture, socialization, social stratification, multiculturalism, and the five institutions, including family, government, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues.

Applied Psychology (TC)	08330	11-12	0.5 credit	Transcribed Credit
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Applied Psychology introduces students to a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as motivation, emotions, memory, sensation and perception, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings

Psychology- Theory and Research (TC)	08340	11-12	0.5 credit	Transcribed Credit
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Psychological Theory and Research introduces students to a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, personality, deviance and pathology, mental health, therapy, altered states of consciousness (including sleep and dreams), psychological testing, and development. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings.

Sports & Society	08350	10-11-12	0.5 credit	
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Sports are a reflection of our society. By learning about the history of sports in the United States we can learn a lot about ourselves. What was happening in the U.S. and the world during Babe Ruth's great career? How did the Green Bay Packers get started? Who was the "Cinderella Man", and what did he have to do with the Great Depression? What was the big deal about this Jackie Robinson guy? Who was Jim Thorpe and why was he important? How do player strikes in hockey, football, and baseball relate to blue collar worker unions? Ted Williams was in WWII? How did Michael Jordan transcend race to become the most popular figure on the planet? If you want to learn about the history through the eyes of sports, the Sports & Society is for you!

Consumer Ec.	08400	12	0.5 credit	Required
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Consumer Economics is a course required of all seniors. The first half is on economic systems, businesses, labor-management relations. The second half is a study on being a wise consumer; shop sales, different types of stores, grocery shopping, characteristics of contract, apartment lease, writing letter of complaint, legal assistance, advertisement, credit and banking.

TECHNOLOGY EDUCATION

Title of Course	Course #	Year(s) Offered	Credit	Prerequisite
Communications:				
Engineering Drafting I	08500	9-10-11-12	1	
Engineering Drafting II	08605	10-11-12	1	Grade of "C" or better in Drafting I and instructors approval
Construction:				
Home Maintenance	08520	9-10-11-12	0.5	
Construction (Residential)	08620	10-11-12	1	
Manufacturing:				
Woods I	08530	9-10-11-12	1	
Woods II	08630	10-11-12	1	Grade of "C" or better in Woods I and instructors approval
Metals I (AS)	08540	9-10-11-12	1	Dual Credit course
Metals II (TC)	08615	10-11-12	1	Grade of "C" or better in Metals I and instructors approval
Power and Energy:				
Small Engine Technology	08550	9-10-11-12	0.5	
Basic Electricity/Electronics	08560	9-10-11-12	0.5	
Car Care/Consumer Automotive	08710	10-11-12	0.5	
Formula Racing (AS)	08715	10-11-12	1	Grade of "C" or better in Auto Trans Tech or Metals I Dual Credit course
Auto Transportation Technology	08650	11-12	1	Grade of "C" or better in Small Engine Technology or Car Care and instructor's consent
Other:				
Exploring Technology	08570	9-10-11-12	0.5	
Home & Vehicle Maint/Repair	08725	9-10-11-12	0.5	Girls Only
Indep. Study in Technology	08750	11-12	0.5/1	Grade of "B" or higher in an advanced Tech Ed. course and instructor's approval

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Technology Education notes:

All courses require that students pay a shop fee to help defray the cost of general materials. The shop fee will vary with each course taken.

- Most courses require that students bring in or purchase individual project materials. Material costs will vary according to the project(s) determined.
- Most courses require that students bring in or purchase safety equipment.

Communications

Engineering Drafting I 08500 9-10-11-12 1 credit

This very basic course will introduce students to basic drafting and design principles through the use of sketching, mechanical drawing, and computer-aided drafting (CAD) techniques. Student will explore basic graphic communication and design principles used by engineers and architects to communicate ideas to manufacturers and customers. *NEW: Students will bring CAD drawings to life with cutting edge 3D printers!*

Engineering Drafting II 08605 10-11-12 1 credit Prereq.: Drafting "C" or better

This advanced course will allow students to apply graphic principles of residential home design. Students will use sketching, basic drafting board work, and computer aided drafting (CAD) techniques to develop their final drawings. Most major areas of Engineering and Residential Architectural drafting will be covered. The primary goal of this course is to prepare students for post-secondary schooling Engineering and /or Architectural Drafting.

Construction

Home Maintenance 08520 9-10-11-12 0.5 credit

This very basic course is for any student who would like to save money by being able to perform home repairs on their own in the future. This course will help students with common household repairs in the areas of wall framing, wall sheathing installation, vinyl siding installation, copper and PVC (*plastic*) pipe plumbing, wiring common electrical circuits, interior drywall construction/texturing/repair, ceramic tile installation & finishing, wall painting, wallpapering, roof component installation, and much, much more. FYI, during parent/teacher conferences, many parents have informed me that they wished that they had a class like this available to them when they were in high school.

Construction (Residential) 08620 10-11-12 1 credit

This somewhat basic course will provide students with knowledge and hands-on experiences related to house framing/construction, brick and concrete block masonry, land surveying, residential plumbing, residential electrical and residential building codes/regulations. In addition, students will learn about machine and power tool operations that are common to the industry. A major emphasis will be placed on safety, as it relates to each area. By taking this course, students will develop skills to improve their chances of obtaining a job/career in the residential construction industry and/or will better prepare themselves for post-secondary educational opportunities related to the field.

Note: Students who take this course might be required to take a 1-2 days off of school to work on projects that take place off of school's campus. However, students will never be required to take off of school if the grades in any of their other classes are in jeopardy.

Manufacturing

Woods I 08530 9-10-11-12 1 credit

This very basic course will provide students with technical woodworking information related to project planning, layout, cutting, assembly, finishing, and shop safety. Students will work, independently, on constructing their own woodworking project, upon the instructor's approval. No prior woodworking experience is necessary. Students will be required to work with hand and power tools, so as to obtain an overall exposure to the woodworking industry. Occupational opportunities in the woodworking industry and residential construction trades, along with work and training requirements will be discussed. In addition, an introduction to the field of residential construction will be covered through the construction of a scale model house. *Common projects include: nightstands, CD/DVD cabinets, end tables, small entertainment centers, a scale model house, etc.*

Woods II 08630 10-11-12 1 credit Prereq.: A "C" or better in Woods I

This advanced course will provide students with a review of technical information covered in Woods I. Students will study design principles and apply them to an individual, major project that is primarily of their choice. In addition to constructing a major project, coursework will include wood bending, plastic laminating, pattern making, machine maintenance, and tool sharpening. *Common projects include: gun cases, coffee tables, bars, end tables, curios, corner hutches, dining room tables, china cabinets, chests, entertainment centers, etc.*

Metals I (AS) 08540 9-10-11-12 1 credit Advanced Standing

This very basic course will provide students with an introduction to stick, wire feed, TIG and oxy-fuel welding principles and processes. Students will also explore metal cutting and bending processes including the plasma arc, oxy-fuel cutting processes. In addition, students can expect a wealth of hands on projects involving sheet metal, aluminum casting, and machining tools equipment and practices. Basic math skills including algebra and geometry will be used daily to complete projects. Upon completion of the class, students will be competent in basic metalworking. Students may earn articulated credits for LTC by completing this course in good standing.

Metals II (TC) 08615 10-11-12 1 credit Prereq.: A "C" or better in Metals I & instructor's consent. Transcribed Credit

This advanced course will provide students with a review of the concepts and principles taught in Metals I. Students will learn to develop skills and techniques necessary to safely weld steel, aluminum, stainless metals using the SMAW, GMAW, and GTAW processes. In addition, students can expect to complete advanced projects using sheet metal, casting, and machine tool equipment and practices. Basic math skills including algebra and geometry will be used daily to complete projects. Students will also study the manufacturing and design principles necessary to effectively plan and safely manufacture their own individual projects (*upon instructor approval*). Students may earn articulated credits for LTC by completing this course in good standing.

Power and Energy

Small Engine Technology 08550 9-10-11-12 1 credit

This very basic course will provide students with a basic understanding of mechanical repair and maintenance applications. Topics to be covered include four-stroke and two-stroke engine theory, operation, repair, and maintenance. Students will explore fuel, governor, ignition, transaxle, starting, and cooling systems. Students will have the opportunity to disassemble and recondition two and/or four stroke engines. Upon completion of this course, students will understand small engine maintenance and repair. This course is a prerequisite and will prepare students for Automotive & Transportation Technology.

Basic Electricity/ Electronics 08560 9-10-11-12 1 credit

This very basic course will help students explore basic electrical principles. Students will develop an understanding of basic electrical theory, electrical power generation, electrical power distribution, and electric motors. Students will also learn the skills necessary in home wiring and may explore circuitry, components, mapping circuit boards, wiring common circuits, soldering, etc.. Students will complete lab projects that will allow them to see how electrical systems function.

Car Care/Cons. Automotive 08710 10-11-12 0.5 credit Note: cannot take if enrolled in or have taken Auto Transportation Tech

This very basic course will inform students about common automotive maintenance techniques. Students will be able to identify basic car parts, complete routine automotive maintenance, and diagnose basic automotive problems. The purpose of this course is to help students know what to look for when purchasing a vehicle, purchasing vehicle insurance, and preventing them from being overcharged by a repair shop.

Formula Racing (AS) 08715 10-11-12 1 credit Prereq.: A "C" or better in Metals I or Automobile-Transp Tech. Advanced Standing

This advanced course allows high school students to earn both high school and college credit while having fun. Students will be given the opportunity to design manufacture a formula style racing go kart and compete against other schools statewide at Road America Speedway in Elkhart Lake. This course will require skills in the areas of manufacturing, drafting, welding, and machining. It will also provide students with experience in budgeting, presenting to groups, teamwork, problem solving and communication. In addition, students may earn articulated credits through Lakeshore Technical College. *(Note: this course may be taken more than once for high school and technical college credit).*

Auto Transp. Technology	08650	11-12	1 credit	Prereq.: A "C" or better in Small Engine Tech. or Car Care and instructor's consent
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This advanced course is designed to give students the opportunity to learn and develop an advanced understanding within the field of power mechanics. Students in this course will primarily study the diagnosis, maintenance, and repair of automobiles and automotive systems. In addition, students will have the opportunity to restore, diagnose and repair automobiles and recreational equipment such as snowmobiles, ATVs, motorcycles, jet-skis, lawnmowers, etc. Students are expected to provide vehicles or equipment for lab projects throughout the course. Upon completion of this class, students will have a basic understanding of automotive systems to prepare them for technical college, or to complete basic mechanical repairs at home.

Other

Exploring Technology	08570	9-10-11-12	0.5 credit
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This very basic course will introduce student to a wealth of cutting edge technology such as: Computer Aided Drafting (CAD) and Computer Aided Manufacturing (CAM) software, 3D printing and scanning, laser engraving and cutting, hydrographics (water transfer printing), vinyl cutting and printing, CNC milling and more. Students in this course will also gain entrepreneurial experience by marketing and selling various products of their choice. Have fun while you learn 21st Century manufacturing skills in Exploring Technology!

Girls Only: Home & Vehicle Maintenance	08725	9-10-11-12	0.5 credit	Notes: Girls only!
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This course is intended to provide female students with the skills necessary to properly and safely take care of maintenance/repairs on their home/apartment and vehicle. Girls will learn how to perform basic home/apartment, maintenance/repairs, as well as basic automotive maintenance/repairs, on their own. Activities include but are not limited to wall framing, plumbing, residential wiring, drywalling, oil changes, tire rotation, spark plug service, fuel filter replacement, and other general automotive maintenance tasks.

Independent Study	08730	11-12	0.5-1 credit	Prereq.: A "B" or better in any advanced Tech Education Course and instructor approval
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Independent Study in Technology is an opportunity for advanced students to apply principles, processes, and skills learned to the completion a project that reflects their advanced standing. Students will select an area of interest and develop knowledge in their area of interest.

WORLD LANGUAGES

<i>Title of Course</i>	<i>Course #</i>	<i>Year(s) Offered</i>	<i>Credit</i>	<i>Prerequisite</i>
Spanish I	08901	9-10-11-12	1	Grade of "C" or better in Grade 8 English
Spanish II	08902	9-10-11-12	1	Grade of "C" or better in Spanish I
Spanish III	08903	10-11-12	1	Grade of "B" or better in Spanish II
Spanish IIII	08904	12	1	Grade of "B" or better in Spanish III or consent of instructor
Spanish V	08905	12	1	Grade of "B" or better in Spanish IIII or consent of instructor

Students who have demonstrated satisfactory performance in seventh and eighth grade Spanish at L.B. Clarke, have the option of taking Spanish 2 based upon the recommendation of the World Language Department.

Spanish I 08901 9-10-11-12 1 credit Prereq.: A "C" or better in Grade 8 English

This introductory course is communicative and designed for students with little or no previous study of Spanish. Students will begin to develop their Spanish proficiency through extensive interaction in the target language to acquire basic language patterns and vocabulary. Emphasis will be on the acquisition of the four language skills: listening, speaking, reading and writing through repetition and comprehensible input. Students will be assessed in all four language skills using both formative and summative assessments. Culture is an integral part of the course and is introduced through the use of media, adapted readings and class discussions. Students will also explore the use of a second language in the workplace. Active participation is required.

Spanish II 08902 9-10-11-12 1 credit Prereq.: A "C" or better in Spanish I

Spanish II is a continuation of skills acquired in Spanish I. There is a greater concentration on using the spoken language. Spanish II is also performance-based and students are required to demonstrate all four skills. Emphasis on the use of second language in the workplace is continued.

Spanish III 08903 10-11-12 1 credit Prereq.: A "B" or better in Spanish II

Spanish 3 is an advanced class with emphasis on grammar, extemporaneous speech, composition writing/literature and culture. Students are expected to demonstrate all four communication skills. Emphasis on the use of second language in the workplace is continued.

Spanish III 08904 11-12 1 credit Prereq.: A “B” or better in Spanish III or instructor’s consent

Spanish III is a course for students of above-average ability who have had three years of Spanish on the high school level. Class work is conducted in Spanish for the most part. Students are expected to demonstrate all four communication skills. Special emphasis is placed on preparing for college placement exams. The curriculum for this year can include the study of Mexico, Latin America, or Spain in preparation for a home stay with a family in Spanish-speaking country. Emphasis on the use of second language in the workplace is continued.

Spanish V 08905 12 1 credit Prereq.: A “B” or better in Spanish III or instructor’s consent

Spanish V is a continuation of the advanced level for students of above average ability. Class work is conducted in Spanish. Special emphasis is placed on preparing for college placement exams. The curriculum for this year can include the study of Mexico, Latin America, or Spain in preparation for a home stay with a family in a Spanish-speaking country. Continued demonstration of all four communication skills is expected. Emphasis on the use of second language in the workplace is continued.

WORK EXPERIENCE

Tech Prep 09003 11-12 0.5-2 credits Available to juniors with counselor approval

Students gain work experience through employment/volunteering in the community, or the school district. Student's grades are based on quarterly reflections along with the supervisor evaluation. See your Counselor for additional details.

**Youth
Apprentice** YA 11-12 Credits vary

Youth apprenticeships are available in the areas of automotive collision/technician, drafting and design, financial services, health services CNA, information technology, hospitality, lodging, and tourism, marketing, manufacturing machining, woods, or production, agriculture/animal science, and welding. Students are chosen through an application and interview process. The program includes related instruction which may or may not be at TRHS, employment at mentored work site, and graduation required course work at TRHS. Applications are generally available in December/January and deadline is February. An information night is held in February. See counselor for additional details.

**Early College
Credit Program** ECCP 9-10-11-12 Credits vary

The Early College Credit Program, formerly known as the Youth Options program, gives students an opportunity to take a class at a UW college if they are interested in a class that is not offered at TRHS. Students must apply by Oct 1 for second semester classes and March 1 for first semester classes of the following year. Students will be awarded high school and college credit for the completed class.

Start College Now 11-12 Credits vary

Start College Now, formerly known as the Youth Options program, gives students an opportunity to take a class at a technical college if they are interested in a class that is not offered at TRHS. Students must apply by Oct 1 for second semester classes and March 1 for first semester classes of the following year. Students will be awarded high school and college credit for the completed class.

ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at eligibilitycenter.org. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at eligibilitycenter.org.

ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES

Visit eligibilitycenter.org/courselist for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

DIVISION II

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at ncaa.org/student-athletes/future/test-scores.

TEST SCORES

Take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code 9999) as a score recipient whenever you register to take a test. If you take a test more than once, send us all your scores and we will use the best scores from each test section to create your sum score. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript.

HIGH SCHOOL TIMELINE

GRADE 9

Plan

- Start planning now! Take the right courses and earn the best grades you can.
- Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes. Or, find your high school's list of NCAA core courses at eligibilitycenter.org/courselist.

GRADE 10

Register

- Register for a Certification Account or Profile Page with the NCAA Eligibility Center at eligibilitycenter.org.
- If you fall behind on courses, don't take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

GRADE 11

Study

- Check with your counselor to make sure you are on track to graduate on time.
- Take the ACT or SAT, and make sure we get your scores by using code **9999**.
- At the end of the year, ask your counselor to upload your official transcript.

GRADE 12

Graduate

- Take the ACT or SAT again, if necessary, and make sure we get your scores by using code **9999**.
- Request your final amateurism certification after April 1.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

Core Courses

This simple formula will help you meet Divisions I and II core-course requirements.

4 x 4 = 16

- + 4 English courses (one per year)
- + 4 math courses (one per year)
- + 4 science courses (one per year)
- + 4 social science courses (one per year)
- = **16 NCAA CORE COURSES**

For more information:

ncaa.org/playcollegesports
eligibilitycenter.org

Search Frequently Asked Questions

ncaa.org/studentfaq

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