Two Rivers High School
Course Selections

2018-2019

Updated 4/5/2018

TABLE OF CONTENTS

Course Selections..... 3

Graduation Requirements..... 4

Course Changes 5

Post-Secondary Admissions Requirements 5

COURSE DESCRIPTIONS

Art..... 7

Business/Information Technology..... 9

Family and Consumer Science..... 11

Health 12

Intro to Criminal Justice 12

Language Arts 13

Mathematics..... 16

Music 17

Physical Education 21

Science..... 23

Social Science..... 25

Technology Education..... 28

World Languages 31

Work Experience..... 32

NCAA Requirements.....33

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. Courses offered through the online format are taught at another location, with students having contact with an instructor and possibly other students in the course. 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:
20th Century U.S. History

Electives

Art:
- Intro to Art I
- Intro to Art II

Graphic Arts/Design 1 (TC)

Business/Information Technology:
Focus on Business
- Computer Apps I

Accounting I
Marketing
Law and You
- Video Game Creation

Family & Consumer Sciences:
- Culinary Arts I
- Development of the Young Child

Music:
Band
- ‡Music Literacy

Treble Choir
Concert Choir
- Guitar class
- ✠Hand Drumming
- ✠Advanced Musicianship
- ✠Introduction to Band Instruments
- Class Piano I
- Class Piano II
- Class Piano III
- ✠Jazz Ensemble

Social Science:
World Geography

Science:
Marine Ecology (Summer)

Technology Education:
- Home Maintenance

Woods I
Metals I (AS)
- Small Engine Technology

World Languages:
Spanish I
Spanish 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 Chemistry

Physical Education: - Introduction to Health and Fitness
Introduction to Health & Fitness is required 9th or 10th grade year

Social Science :
Modern World History

Electives

Art:
- Art Forms
- What's your function?
- Photography I
- Photography II (TC)

Graphic Arts/Design II
3D Printing and Modeling

Business/Information Technology:
Accounting II

Family & Consumer Sciences:
- Clothing Care & Construction II
- Culinary Arts II
- Child Growth & Development

Music:
✠Show Choir (Needs Approval)

Physical Education:
- Competitive Team Sports
- Team Sports
- Recreational Sports
- Personal Fitness

Year Advanced Weight Training
- Sem. Advanced Weight Training

Technology Education:
Construction (Residential)
Woods II
- Car Care/Consumer Auto.

Formula Racing (AS)

World Languages:
Spanish 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

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)
Advanced Chemistry
Ecological Science
Physics (TC)
- Human Genetics
- Human Anatomy & Physiology
- Pathology

Social Science :
- American Government
- Sociology (AS)

Physical Education /Health:
- Health
- P.E.

Electives

Art:
- In Pursuit of Art

Advanced Studio Art

Family & Consumer Sciences:
Management (TC)

Criminal Justice:
- Intro to Criminal Justice

Social Science:
- Today's Topics
- Applied Psychology (TC)
- Psychology -Theory & Research (TC)
- Sports and Society

Technology Education:
✠Independent Study in Technology

World Languages:
Spanish IIII

Grade 12

Required

English:
- Speech (AS)

1 Credit (1-2 courses) from the following:
Any of the Grade 11 offerings
- ✠ College Composition

✠ College Prep English
✠ Honors English (TC)

Social Science :
- Consumer Economics

Electives

Art:
Personal Art Studio

Health:
- Healthy Living

Math:
✠Calculus

World Languages:
Spanish V

CODES:
- Semester Course

✠Needs Teacher Approval

‡Music Literacy required for Band students

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

GRADUATION REQUIREMENTS

Twenty community service hours are required for all students before graduation

Course Work	
Language Arts	4 Credits
Mathematics	3 Credits
Science	3 Credits
Physical Education	1.5 Credits
Health	0.5 Credit
Social Science 20th Century U.S. History Modern World History American Government Sociology Consumer Economics **Total Social Science**	 1 Credit 1 Credit 0.5 Credit 0.5 Credit 0.5 Credit **3.5 Credits**
Electives	*8.5 Credits*
Total Credits	***24 Credits***

Community Service hours

Twenty 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 Principal's 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.

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.

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 or 504 plan.

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.

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 course work 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 ***in the same language***

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. See your counselor early in your high school career 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) may also be referred to as:

- "credit in escrow" because the application of the credit is delayed until students enroll in a technical college program.

In order to be eligible for advanced standing credit, the student must meet all conditions of the articulation agreement. Technical college credits are awarded; however, technical grades are not given for these courses.

Transcripted Credit (TC) may also be referred to as:

- "dual credit courses" as a student will also receive high school credit.
- "direct credit" because students are earning technical college credit directly from the technical college.

In order to be eligible for transcripted credit, the student will need to successfully complete the course; grades will then be posted to an official technical college transcript and tabulated in the student's technical college GPA. Students earn technical college credit and high school credit simultaneously.

ART

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite*
Intro to Art I (formerly Basic Art)	01100	9-10-11-12 (Semester 1)	0.5	Materials needed Fee
Intro to Art II	01101	9-10-11-12 (Semester 2)	0.5	Materials needed Fee
Art Forms (formerly Intermediate Art)	01200	10-11-12	0.5	Basic Art Materials needed Fee Must have Basic Art/Intro to Art
What's your function? (formerly Intermediate Art)	01201	10-11-12	0.5	Basic Art Materials needed Fee Must have Basic Art/Intro to Art
In Pursuit of Art	01250	11-12	0.5	Juniors and Seniors
Advanced Studio Art (formerly Advanced Art)	01300	11-12	1	Basic and Intermediate Art Materials needed Fee
Personal Art Studio (formerly Focus Study)	01310	12	1	Basic, Intermediate, and Advanced Art Materials needed Fee
Photography I	01220	10-11-12	0.5	Materials needed Fee
Photography II (TC)	01230	10-11-12	0.5	A grade of "C" or better in Photography 1. Materials needed and Fee required This class is a dual credit course
Graphic Arts/Design I (TC)	01250	9-10-11-12	1	This class is a dual credit course
Graphic Arts/Design II	01320	10-11-12	1	A grade of "C" or better in Graphic Arts/Design 1or permission form teacher. Repeatable.
3D-Printing and Modeling	01330	10-11-12	1	

Intro to Art I 01100 0.5 Credit 9-10-11-12 Materials needed Fee

Students will be introduced to the fundamentals of Art, Art Mediums (materials) used in art and drawing techniques. Students will create art and learn how and where Art began. Materials are required for this course.

Intro to Art II 01101 0.5 Credit 9-10-11-12 Materials needed Fee

Students will further explore the fundamentals of art. Students will improve on their drawing skills and explore a large variety of mediums (materials) used in art. Students will create art that correlates with art from the past.

Art Forms	01200	0.5 Credit	10-11-12	Prerequisite: Basic Art/Intro to Art

Students will explore 3-Dimensional Art. Students will use found objects and a variety of art mediums to create additive and subtractive sculpture, 3-D paintings and drawings. Materials are required for this course.

What's your Function?	01201	0.5 Credit	10-11-12	Prerequisite: Basic Art/Intro to Art

Students will create art that can be used in everyday life. Students will learn about and create lettering styles, fun furniture pieces, cups, dishes, wall art and more!

In Pursuit of Art	01250	0.5 Credit	11-12	Prerequisite: Basic Art/Intro to Art

Students will explore careers in art and create a piece of art representing each. Students will compare and contrast careers in; Interior design, Fashion design, Animation, Cartoonist, Tattoo Artist, Advertising, Car Design, Landscape design, Museum curator, Art Preservation and more.

Advanced Studio Art	01300	1 Credit	11-12	Prerequisite: Basic Art/Intro to Art

Students will work independently to improve their use of various art mediums and their creative process. Students will explore higher level mediums and problem solving to create higher level of works or art.

Personal Art Studio	01310	1 Credit	12	Prerequisite**:** Basic/Intro to Art I, & II and/or 3 credits of other art classes

Students will work independently to create works of Art in the art mediums of their choice.

Photography I	01220	0.5 Credit	10-11-12	Materials needed Fee

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 35 mm 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	0.5 Credit	10-11-12	Prerequisite: A "C" or better in Photography 1. Materials needed fee Transcripted Course

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 transcripted college credits from LTC which can be transferred to other colleges or universities.

Graphic Arts/Design I (TC) 01250 1 Credit 9-10-11-12 Transcripted course

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 Transcripted 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 1 Credit 10-11-12 Prerequisite: A "C" or better in Graphic Arts /Design 1 or permission from teacher

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 1 Credit 10-11-12

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.

BUSINESS/INFORMATION TECHNOLOGY

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite*
Focus on Business	02100	9-10-11-12	1	
Computer Apps I	02110	9-10-11-12	0.5	
Accounting I	02320	9-10-11-12	1	
Accounting II	02325	10-11-12	1	
Marketing	02356	9-10-11-12	1	
Law and You	02370	9-10-11-12	1	
Video Game Creation	02375	9-10-11-12	0.5	

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

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 Technology Apps I 02110 0.5 Credit 9-10-11-12

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. LTC credit may be earned with a grade of "A" or "B" in this course.

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

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. LTC credit may be earned with a grade of "A" or "B" in this course.

Accounting II 02325 1 Credit 10-11-12

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. LTC credit may be earned with a grade of "A" or "B" in this course.

Marketing 02356 1 Credit 9-10-11-12

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 1 Credit 9-10-11-12

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, consumer and employee should take this course. 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 0.5 Credit 9-10-11-12

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

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite/Fees*
Clothing Care & Construction II	04210	10-11-12	0.5	
Culinary Arts I	04220	9-10-11-12	0.5	Class Fees This is a prerequisite for Culinary Arts II, III.
Culinary Arts II	04240	10-11-12	0.5	Must have successfully completed Foods for Today. Recommended class for students interested in Culinary Arts. Class Fees
Development of the Young Child	04245	9-10-11-12	0.5	
Child Growth & Development	04250	10-11-12	0.5	

Clothing Care and Construction II 04210 0.5 Credit 10-11-12

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 0.5 Credit 9-10-11-12

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 0.5 Credit 10-11-12 Prerequisite: Must have successfully completed 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.

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

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 and Development 04250 0.5 Credit 10-11-12

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.

HEALTH

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite*
Health	06350	11	0.5	Required
Healthy Living	06370	12	0.5	Health

Health 06350 0.5 Credit 11-*required*

Health is a course required by all grade 11 students. 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.

Healthy Living 06370 0.5 Credit 12

This course for seniors is a follow-up to the junior year Health course. Teacher discretion may apply to whether a student may enroll in the class. This class is designed to help students develop a personalized plan for a healthy lifestyle. The following topics will be covered: dating and healthy relationships, healthy choices, drug education, safety education, injury prevention/treatment, health career options. Students will also receive American Heart Association Certification in Heartsaver First Aid, Adult CPR, Adult AED and Environmental.

INTRODUCTION TO CRIMINAL JUSTICE

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

Intro to Criminal Justice 09005 0.5 Credit 11-12

In this semester course, 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 specialties in law enforcement. You will learn what police officers do and why they do it. This course will take the mystery out of law enforcement procedures and policies, transforming student attitudes toward police and their role in society. Class size is limited and the instructor has the final say in student enrollment.

LANGUAGE ARTS

Overview of Required Courses:

GR	STANDARD REQUIREMENTS	*Course #*	ALTERNATIVE OPTIONS	*Course #*
9TH	**English 9** – Full Year Course (must pass both semesters)	05100	***None***	
10TH	**English 10** – Full Year Course (must pass both semesters)	05200	***None***	
11TH	**2 Genre Classes** – Semester Long Courses (must have Fall and Spring semesters) • Mythology Lit. 05330 • Mystery & Horror 05345 • Fantasy & Science Fiction 05350 • Sports Literature 05375 • Modern Novel 05360 • War & Conspiracy 05370 • Outdoor Literature 05380		**College Composition** (with English Teacher approval—semester long course replaces *one* genre course) **College Prep** (with English Teacher approval—year long course replaces *both* genre courses) **Speech** –In *addition* to 2 req. genre courses with Teacher Approval (sem. long course)	05440 05400 05300
12TH	**Speech (AS)**—Semester Long Course (required per graduation requirements) *1 additional English elective course required Electives available include: • **Genre elective courses** • **College Composition** 05440	05300	**College Prep—**year long course (with English teacher Approval **Honors English (TC)** – year long course (with English teacher approval)	05400 05460

Except for the required courses – All course selections are subject to teacher recommendation.

English 9 05100 1 credit 9-Required

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 1 credit 10-Required

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 11-12

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 0.5 Credit 12-Required 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.

College Composition 05440 0.5 Credit 11-12

College Composition is a writing course that follows what is traditionally taught at LTC or UW-Manitowoc 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	1 credit	11-12	Prerequisite: 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	1 credit	12	Prerequisite: 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

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite*
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
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 1 credit 9-10-11-12

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 1 credit 9-10-11-12 Prerequisite: 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 1 credit 10-11-12 Prerequisite: 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.)

Tech Math 05830 1 Credit 11-12 Prerequisite: Successful completion of Algebra and Geometry

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 1 Credit 11-12 Prerequisite: Algebra II

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 1 Credit 12 Prerequisite: Pre-calculus

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

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite*
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
Introduction 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	
Class Piano III	06068	9-10-11-12	0.5	
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	1 Credit	9-10-11-12	Prerequisite: 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	1 Credit	9-10-11-12

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	1 Credit	9-10-11-12	Prerequisite: Fresh/Soph women require consent of instructor

This choir is made up of 9^{th}-12^{th} grade men and 11^{th} and 12^{th} grade women. 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 activates 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.

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

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	0.5 Credit	9-10-11-12	Prerequisite: 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	0.5 Credit	9-10-11-12	Prerequisite: 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	0.5 Credit	9-10-11-12	Prerequisite: 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.)

Introduction to Band Instruments	06060	0.5 Credit	9-10-11-12	Prerequisite: 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	0.5 Credit	9-10-11-12

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	0.5 Credit	9-10-11-12

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	0.5 Credit	9-10-11-12

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, providing you already possess the required skills. Check with the instructor.***

Jazz Ensemble	06070	0.5 Credit	9-10-11-12	Prerequisite: 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	0.5 Credit	9-10-11-12	Prerequisite: Music background preferred

Music Literacy is offered for 0.5 credit for one semester to all students, ***and is required of all freshmen enrolling in the instrumental music program (Band).*** 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

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite/Fees*
Intro to Health & Fitness	06100	9-10	0.5	Required in 9th or 10th 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 freshmen or sophomore year.

Intro to Health & Fitness 06100 0.5 Credit 9-10 Required before taking other Phy Ed classes

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 0.5 Credit 10-11-12 Prerequisite: Intro to Health & Fitness

"Competitive Team Sports" is a semester course designed for athletic, completive 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 0.5 Credit 10-11-12 Prerequisite: 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	0.5 Credit	10-11-12	Prerequisite: 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	0.5 Credit	10-11-12	Prerequisite: 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	1 Credit	10-11-12	Prerequisite: 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.

Sem. Advanced Weight Training	06310	0.5 Credit	10-11-12	Prerequisite: Intro to Health & Fitness

"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

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite*
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)	07305	11-12	1	A "B" or better in Biology and Chemistry, (Anatomy suggested), Transcripted Credit
Human Genetics	07310	11-12	0.5	Biology
Human Anatomy & Physiology	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	
Physics (TC)	07400	11-12	1	Successful completion of entire Algebra and Biology courses, Transcripted Credit
Advanced Chemistry	07450	11-12	1	Successful completion of entire General Chemistry

Science 9 07100 1 Credit Required

Science 9 focuses on the study of physical science concepts. Students will participate in a variety of lab and "hands on" activities for each topic covered.

Biology 07200 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 1 Credit 11-12 Prerequisite: Successful completion of entire Algebra and 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)	07305	1 Credit	11-12	Prerequisite: A "B" or better in Biology and Chemistry Transcripted 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.

Advanced Chemistry	07450	1 Credit	11-12	Prerequisite: 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.

Human Genetics	07310	0.5 Credit	11-12	Prerequisite: 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	07320	0.5 Credit	11-12	Prerequisite: 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	0.5 Credit	11-12	Prerequisite: 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	0.5 Credit	9-10-11-12

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 1 Credit 11-12 Prerequisite: 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 non-living surroundings. Current ecological topics are considered as they arise.

Physics (TC) 07400 1 Credit 11-12 Prerequisite: Successful completion of entire Algebra and 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.

SOCIAL SCIENCE

Title of Course	Course #	Year(s) Offered	Credit	Prerequisite
20th Century U.S. History	08100	9	1	Required
World Geography	08150	9-10-11-12	1	
Modern World History	08200	10	1	Required
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	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

20th Century U.S. History 08100 1 Credit Required

The student will study the development of the United States from the Spanish American War up to the present time. Throughout much of the year attempts are made to relate history with contemporary events.

World Geography 08150 1 Credit 9-10-11-12

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.

Modern World History (1300- Present) 08200 1 Credit 10-11-12

From the French Revolution to the present, Modern World History will allow students to connect people, eras and events of the past to the present. Students will learn about the world's major religions, times of great change and new ideas, different forms of government, the horrors of war and stories of struggle and triumph. Major eras in Modern World History include: The French Revolution, Nationalist Revolutions, the Industrial Revolution, the Age of Imperialism, the Era of Wars and Depression, and Post-WWII to the present.

American Government 08300 0.5 Credit 11-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 0.5 Credit 11-12

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 0.5 Credit 11-Required Advanced Standing

Sociology introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, 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.

* Can receive Advanced standing credit through Lakeshore Technical College.

Applied Psychology (TC) 08330 0.5 Credit 11-12 Transcripted Credit

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 0.5 Credit 11-12 Transcripted Credit

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.

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

Sports & Society 08350 0.5 Credit 11-12

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 History is for you!

Consumer Economics 08400 0.5 Credit 12 Required

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*	*Credits*	*Prerequisite*
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** instructor's approval
Metals I (AS)	08540	9-10-11-12	1	This class is a dual credit course
Power and Energy:				
Small Engine Technology	08550	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 Technology or Metals 1 This class is a dual credit course
Other:				
Independent Study in Technology	08730	11-12	0.5 or 1	Grade of "B" or higher in an advanced Technology Education department course **and** instructor's approval.

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.

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CONSTRUCTION

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

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, wall papering, 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 1 Credit 10-11-12

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 day or two off of school to work on projects that take place off of the 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 1 Credit 9-10-11-12

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 1 Credit 10-11-12 Prerequisite: 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, course work 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 1 Credit 9-10-11-12 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.

POWER AND ENERGY

Small Engine Technology	08550	0.5 Credit	9-10-11-12	

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.

Car Care/Consumer Automotive	08710	0.5 Credit	10-11-12	Note: cannot take if enroll 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	1 Credit	10-11-12	Prerequisite: A "C" or better in Metals I or Automobile-Transportation 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).*

OTHER

Independent Study (Technology Ed.)	08730	0.5-1 Credit	11-12	Prerequisite: A "B" or better in any advanced Tech Education Course and instructor approval

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

Title of Course	*Course #*	*Year(s) Offered*	*Credit*	*Prerequisite*
Spanish I	08901	9-10-11-12	1	Grade of "C" or better in Grade 8 English
Spanish II	08902	10-11-12	1	Grade of "C" or better in Spanish I
Spanish III	08903	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 1 Credit 9-10-11-12 Prerequisite: 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 1 Credit 10-11-12 Prerequisite: 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 1 Credit 11-12 Prerequisite: 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 IIII 08904 1 Credit 12 Prerequisite: A "B" or better in Spanish III or instructor's consent

Spanish IIII 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	1 Credit	12	Prerequisite: A "B" or better in Spanish IIII 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	0.5-2 Credits	11-12	(11 with counselor's 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 Apprenticeship	YA	Credits Vary	11-12

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 late January. See counselor for additional details.

Early College Credit Program	ECCP	Credits Vary	9-10-11-12

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		Credits Vary	9-10-11-12

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.

NCAA Eligibility Center

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

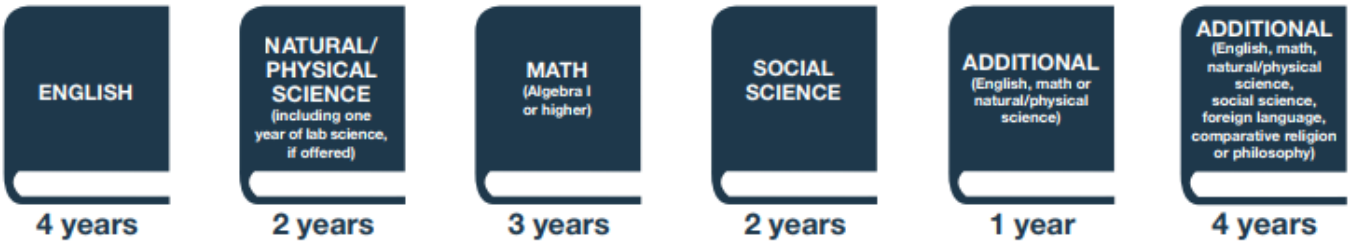
To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA, and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES

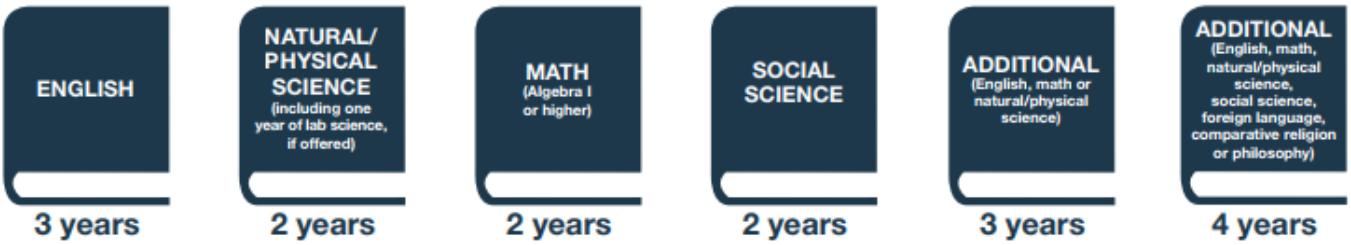
Visit **eligibilitycenter.org/courselist** for a full list of your high school's approved core courses.
Complete 16 core courses in the following areas:

DIVISION I

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



DIVISION II



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/playcollegesports**.

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 choose 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. Remember to apply the College Board concordance table for SAT tests taken in March 2016 and after.

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 Division I and II core-course requirements.

4x4=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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