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Table of Contents

Dual Credit Opportunities	2	Music – South	52
Alternative Learning Experiences	7	Physical Education – North	56
Art Education.....	10	Physical Education - South	60
Business, Marketing & Info Technology	14	Science	65
Computer Science.....	17	Social Studies.....	72
English Learner-EL	20	Special Education.....	81
Family & Consumer Sciences Education.....	22	Technology Education	83
Health	28	World Languages	91
Independent Electives.....	28	Central High School.....	97
Language Arts	33	Etude High School	98
Mathematics	40	George D. Warriner High School	110
Music – North.....	46		

Dual-Credit Opportunities

AP - Advanced Placement

AP is a program of college-level courses and exams that give high school students the opportunity to receive advanced placement and/or credit in college. Teachers of AP classes may provide the course text, syllabus and recommended list of readings for students interested in starting course work during the summer or prior to the AP course beginning.

If a student is doing college level work in high school - in an AP or honors course, through independent study, or with a tutor - AP examinations may be taken at the conclusion of the course work. The score on the AP exam determines college credit and advanced placement in college. Check with individual college/university requirements for credit or placement. For all UW schools, you can also check on the web at uwhelp.wisconsin.edu/admission/ap.asp

CAPP - Cooperative Academic Partnership Program

CAPP courses are college courses offered at both North and South High Schools. 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 requirements for credit.

World Languages

Many universities award retroactive credits in a world language if a student has taken and passed the next level college class with a grade of B or higher.

Start College Now & Early College Credit Program

High school students can take classes at a college that are not offered at the high school. A letter of intent is due in the principal's office by October 1, if requesting for second semester, and March 1, if requesting for first semester. High school credits are granted for a post-secondary course taken under the Start College Now & Early College Credit Programs. 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.

Advanced Standing

High school students may take high school courses for which advanced standing credit is available upon enrollment at a post-secondary school. All Wisconsin technical colleges will recognize "advanced 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.

Transcribed Credit

Select high school courses may be taken for transcribed (dual) credit. The course is the same as what is offered at a post-secondary college and the student receives credit from both the high school and the college. Start College Now and Early College Credit courses also fall into this category.

GRADUATION REQUIREMENTS

Beginning with the class of 2018, the minimum credit requirement will be as follows:

- A. Minimum Credit Requirement - A high school diploma shall be granted upon successful completion of a total of at least twenty-three (23) credits in grades 9 through 12, including four (4) credits of English, three (3) credits of social studies, three (3) credits of mathematics, three (3) credits of science, one and one-half (1.5) credits of physical education, one-half (.5) credit of health education, and eight (8) elective credits.

COURSE RETAKE

A student is allowed to retake a course to accomplish greater mastery of content, to meet the requirements for a high school diploma, to be better prepared for the next course in the sequence, or to increase skills necessary for post high school experience. A student will be allowed to retake a course only if the original grade was a C- or lower.

The student transcript will show the letter grade for each time the course is taken. When a student retakes a course that shows the original grade was an "F" or "W/F", the student will earn the credit and the student's cumulative grade point average will be calculated using the passing grade earned in that course. In other words, the previous "F" or "W/F" grade will not be used in the student's GPA calculation. When a student retakes a course that shows the original grade was a passing grade, no additional credit will be given nor will the new grade be used in the student's GPA calculation.

COLLEGE RECOMMENDED COURSES

To be academically prepared for four-year college programming, the following courses are recommended:

- 4 years of English
- 3 years of math (including Algebra I, Geometry, and Algebra II) or equivalent
- 3 years of science
- 2-3 years of the same world languages (recommended/required by **some** colleges)
- 3 years of social studies
- 1 year of fine arts (recommended/required by **some** colleges)

It is important to note that competitive schools and/or programs consider the above as minimum requirements. If you do not have all of the above courses, you may be required to take remedial and/or additional courses once you are in college. Competitive colleges and programs also recommend that you take honors and AP courses when possible. Check college admission and program requirements through a web search or the guidance counselors.

Source: An Instruction Booklet for College Bound Students (2002), Woodburn Press; Dayton, OH; Page 5

COLLEGE TESTING

ACCUPLACER: College entrance examinations for technical colleges in Wisconsin that's generally taken during the junior and/or senior year. The Accuplacer is preferred by Lakeshore Technical College. Other technical colleges in the state may use something other than the Accuplacer. Please check with your technical school of interest to ensure you are taking the recommended entrance examination.

ACT Aspire - ACT Aspire assesses student readiness in English, math, reading, science, and writing. The assessment incorporates multiple question types including constructed response, selected response, and technology-enhanced items to better assess student knowledge and provide more meaningful insights. The ACT Aspire assessment replaces the EXPLORE and PLAN tests previously used by ACT to give students, parents and schools a general idea of projected student performance on the ACT.

PSAT/NMSQT (Preliminary Scholastic Assessment Test/National Merit Scholarship Qualifying Test) - a practice test for the SAT, which is also used to determine National Merit semifinalists. The PSAT/NMSQT is given in October, primarily to juniors.

SAT (Scholastic Assessment Test) - The SAT is a globally recognized college admission test that lets you show colleges what you know and how well you can apply that knowledge. It tests your knowledge of reading, writing and math. Most students take the SAT during their junior or senior year of high school.

ACT (American College Test) – The ACT is a national college admissions examination that consists of subject area tests in English, mathematics, reading, and science. The ACT Plus Writing includes the four subject areas plus a writing test. ACT results are accepted by all four-year colleges and universities in the US and are preferred by the UW system. Starting in 2015 all juniors in the state of Wisconsin are required to take the ACT Plus Writing through their local school district

ACT AND SAT PREPARATION WEBSITES

www.act.org
www.collegeboard.org

WHY TAKE THE ACT AND/OR SAT?

Almost all four-year colleges require scores for either the ACT or the SAT I. Colleges generally accept scores from either test; however, to determine if a college requires or prefers the ACT or the SAT, check the college's catalog or web site. Students who are applying to a competitive college or program should consider taking both the ACT and the SAT I. Students who are applying for scholarships should also consider taking both tests.

Students may retake the ACT and SAT as many times as they want. For admissions and scholarship purposes, colleges will generally use a student's highest score. It's important for students to take the ACT and/or the SAT by the spring of their junior year so that they'll have time to retake them if necessary.

HELPFUL WEB SITES

4-Year College Information
www.uwhelp.wisconsin.edu
www.wisconsinprivatecolleges.org

2-Year Colleges
www.uwc.edu

Technical Colleges/Schools
www.techschooldirectory.com

Counseling Center Web Sites
South-Counseling-Center@sasd.net
North-counselors@sasd.net

Financial Aid
www.fastweb.com
www.finaid.org
www.fafsa.ed.gov

Testing Tips & Information
www.ets.org
www.act.org
www.collegeboard.org (SAT information)

WEIGHTED GRADES

The table below shows the numerical values under the weighted grade system:

Grade	Honors Courses	Regular Courses	Basic Courses
A+	6.00	5.00	4.00
A	6.00	5.00	4.00
A-	5.667	4.667	3.667
B+	5.333	4.333	3.333
B	5.00	4.00	3.0
B-	4.667	3.667	2.667
C+	4.333	3.333	2.333
C	4.0	3.00	2.0
C-	3.667	2.667	1.667
D+	3.333	2.333	1.333
D	3.00	2.00	1.00
D-	2.667	1.667	0.667

Special Education and ELL students who have zero or one regular education class will be considered under the basic honor roll for grades 9-12. As mentioned earlier in this description, all courses were placed in one of the above categories. Criteria for these categories are:

BASIC COURSES

Basic Courses are those curriculum adaptations designed to suit the special needs of Special Education, limited English proficiency and lower ability students. Content is less difficult and extensive than in regular high school courses.

REGULAR COURSES

Regular courses are those that are not honors or basic courses. Regular courses are suited to average and above average students. All specifically designated required courses are considered regular courses.

HONORS COURSES

Courses that are designated as "Honors Courses" will have more difficult content, a more intense pace, and more challenging assignments, experiences and assessments. In order for a course to be identified as honors, the course must exhibit two of the following characteristics:

1. Incorporates an extensive survey of the major concepts, theories, approaches, frameworks of the discipline.
2. Includes student research/projects that exhibit at least one of the following:
 - a. Substantial mastery of essential qualities or enduring understanding of the discipline.
 - b. Independent work that addresses a major issue within a discipline.
 - c. Typically done by a professional in a discipline and which approximates the level of quality normally expected.
3. Includes a critical review (with an interpretive stance) of a set of literature central to a basic understanding of the discipline.
4. Offers College/AP Credit.

HONORS COURSES

SCIENCE	LANGUAGE ARTS	MATHEMATICS/ COMPUTER SCIENCE	SOCIAL STUDIES
AP/CAPP Biology 3 & 4 South only	Logic In Argumentative Writing	Pre-Calculus 1 & 2	AP Microeconomics
CAPP Biology 3 & 4-North only	AP Literature	AP Calculus 1 & 2	AP Macroeconomics
Anatomy & Physiology 1 & 2 North only	Major British Writers	AP Statistics 1 & 2	Sociology 1
AP/CAPP Physics 3 & 4-North only	Shakespeare Seminar	Honors Calculus 1 & 2	Sociology 2
CAPP Physics 3 & 4-South only	Major American Literature	AP Calculus 3 & 4	AP United States History 1 & 2
AP Chemistry 3 & 4	Advanced CAPP Composition	TECHNOLOGY ED	
Independent Study – AP	Classical Humanities 1 & 2	House Construction	AP Government & Politics: United States
Physics C5- North only	Honors Humanities North only	Capstone Automotive	AP Psychology 1 & 2
Independent Study - AP	AP English Language & Composition	Capstone Drafting Communications	Philosophy 1 & 2
Physics C6 North Only	English 5 & 6 CAPP North only	Capstone Metals Production	AP World History 1 & 2
Independent Study - Science	English North only	Capstone Graphic Design	AP European History
PLTW-Human Body Systems (HBS)		PLTW-Civil Engineering & Architecture	AP Geography
PLTW Med Interventions 1 & 2 South only	BUSINESS EDUCATION	PLTW-Principles of Engineering	Comparative Eastern Religions North only
Physics 1A & 2A South only	Accounting 1 & 2 TC H		Comparative Western Religions North only
	Accounting 3 & 4 TC	FINE ARTS	The Search for Meaning South only
	CAPP/Business Management	AP Studio Art	CAPP US History 1 & 2 North only
FAMILY & CONSUMER EDUCATION	CAPP/Personal Finance	Drawing Painting I	
Hospitality Foods 5 & 6 South only	Microsoft Office Specialist	Advanced Drawing/Painting II	WORLD LANGUAGES
Hospitality Foods 6 & 7 South only	INCubatorEDU	Chamber Orchestra-South only	Spanish 3A & 3B, 4A & 4B, 5A & 5B
		Jazz Ensemble	French 3A & 3B, 4A & 4B, 5A & 5B
EDUCATION	PHYSICAL EDUCATION	Concert Choir	German 3A & 3B, 4A & 4B, 5A & 5B
Introduction to Education	Lifeguard Training	Portfolio 1	Chinese 3A & 3B, 4A & 4B, 5A & 5B
Medical Terminology	Weight Training Conditioning	Northern Lights	
Hospitality Foods 7 & 8 South only		Symphonic Band	INDEPENDENT ELECTIVES
Health Care Customer Services	COMPUTER SCIENCE	Concert Orchestra-North only	Emergency Management
Human Diseases	Programming Introduction	Concert Band	
	Web Development Programming	High School Art Gallery	
	Advancements in Web Design and Development	Advanced Acting-North only	
	Web Development 2	Internship-North only	
		Digital Artistry-North only	

HONORS DIPLOMA

1. A weighted grade point average of at least 5.0 or ranking in the top five percent of the senior class at the end of the first semester (plus second semester enrollment to complete the above requirements).
2. Three credits in Honors courses in the Weighted Grades Program.
3. Completion of at least three added credits for a total of 26 in grades 9 through 12.
4. A combined total of three credits in two of the following areas:
 - World Languages
 - Fine Arts
 - Career and Technical Education

Or four credits in either Science, Mathematics or Social Studies.

ACADEMIC LETTER

Academic Letters - must be on the high honor roll for four (4) semesters. Students who have received an academic letter will receive a medallion if they are on the high honor roll another two (2) semesters. Students who are on the high honor roll for all eight (8) semesters will be awarded a plaque.

ACADEMIC RECOGNITION

South/North: Quarter GPA 1st Honors - 4.667 and above

South/North: Quarter GPA 2nd Honors - 4.0 - 4.666

South: National Honor Society - Cumulative GPA 4.25 and above (plus non-GPA criteria)

North: National Honor Society - Cumulative GPA 4.333 and above (plus non-GPA criteria)

LAUDE SYSTEM

Beginning with the graduating class of 2022, a three-level Laude System will replace the pre-existing weighted grades, class rank and Valedictorian/Salutatorian designation.

1. All grades earned by students are fully included in the weighted grade calculation. The maximum weighted GPA for these students is 6.000.
2. The following weighted GPA ranges will be used to determine each level:
 - Cum Laude: 4.600 – 4.999
 - Magna Cum Laude: 5.000 – 5.299
 - Summa Cum Laude: 5.300+

ALTERNATE LEARNING EXPERIENCES

Students must see a counselor before signing up for any of these classes.

With permission of parent, counselor, teacher involved, and associate principal, many alternate ways of learning and earning credit are available to high school students.

See your counselor for details of programs dealing with enrichment such as UW-Sheboygan Center, LTC, Lakeland University, Independent Study, Mentor Program, etc.

Counselors will also explain about catch-up remedial work taken at LTC such as "high school credit" courses. In addition, the district offers the High School Equivalency Diploma, district evening courses, online courses, work experience and summer school.

ONLINE COURSES

The Sheboygan Area School District offers a variety of online courses to expand learning opportunities for students. The school will assign a mentor for each student taking an online course, but students are responsible for completing the coursework assigned and assessed by the online instructor.

Grades: 9, 10, 11 & 12

Prerequisite: Counselor/BCT recommendation

PRESCRIPTION LEARNING LAB LANGUAGE 1 & 2 (Alternative Programs)

Grades 9, 10, 11, & 12 Semester Course - 1/2 credit
Prerequisites: Instructor's recommendation Basic

Students who need more time working in the lab may take up to three more semesters of time. This time will not be granted to students who have already successfully tested out at the highest levels offered through the program. A student may earn up to 1-1/2 credits.

PRESCRIPTION LEARNING LAB MATH 1 & 2 (Alternative Programs)

Grades 9, 10, 11, & 12 Semester Course - 1/2 credit
Prerequisites: Instructor's recommendation Basic

This course is designed for students who need help with basic skill remediation. The lab will consist of a self-paced individualized system of learning that does include computer-assisted instruction. Areas of learning will consist of two academic components (Math and English). A student may earn up to 1-1/2 credits in this learning lab.

PARENTING LAB (Alternative Programs)

This lab is designed to provide day care for children of teen parents while providing in-school day care for the children. A major goal is to keep student parents in school to earn their diplomas. Parenting skills and positive interaction with infants are stressed. Student parents must spend one period a day in the lab. Located at Central High School.

WORK EXPERIENCE

Grades 11 & 12 Semester Course - 225 Hours Work/Semester = 1/2 credit
Prerequisites: Juniors and seniors Maximum total credits (2 semesters & summer) = 1.5 credits per year
who are credit deficient. A contract is signed Basic
in accordance with district policies.

This program provides work experience to 11th and 12th grade students in various occupations and is intended to provide basic employability skills with on-the-job training for high school credit. Students may earn up to one credit during the school year plus an additional 1/2 credit during the summer. This course provides Work Experience students an opportunity to gain specific, comprehensive employability skills by working toward certification in the Wisconsin Employability Skills Certificate Program. One additional credit will be **awarded upon completion** of this state certificate. Enrollment should occur no later than October 15 and certificate competencies must be completed by May 1.

7987 INNOVATOR FELLOWSHIP

Grades 11 & 12 Year Course – 1 Credit

Innovator Fellowship Program engages high school junior and senior students in deeper exploration of career paths beyond the traditional classroom. Students work to develop passion driven concepts through a project-based, collaborative learning partnership within a multidisciplinary community of creative thinkers. Each fellow creates a vision for an innovative project and works with the Innovator Fellowship Coordinators and members of the Jake’s Café creative community to develop their personal identity and carry out their unique project.

YOUTH TUTORING YOUTH

Grades 10, 11, & 12 Semester Course - 1/2 credit
Prerequisites: Coordinator and Parent permission Regular

Youth Tutoring Youth (YTY) is an elective, credited class for high school students. Application for the program is made on an individual basis through the high school guidance counselor or advisor and the Youth Tutoring Youth Coordinator. YTY tutors provide individual or small group tutoring assistance to pre-school, elementary, middle school or high school students in a classroom in Sheboygan (public, private, and parochial) working under the direction of supervising and coordinating teachers. The tutors, in addition, complete a checklist of projects for each semester served. This course is offered to all sophomores, juniors, and seniors in the Sheboygan Area School District including North, South, Central, Etude, Warriner, and Change Academy.

One-half regular credit is awarded for each hour of Youth Tutoring Youth. Many students take YTY for two consecutive hours. Daily attendance is required. Transportation to the tutoring site is the responsibility of the student, but bus tokens can be provided upon request.

EXTERNAL HIGH SCHOOL CREDIT OPTIONS

1. Classes taken outside of the regular high school setting can only be used for meeting specific course requirements if it was previously failed. They can be used as elective credit if all the other situations are met.
2. All requests for credit **must be approved prior** to the student's participation. Proper proof of successful completion is the responsibility of the student.
3. Requests for approval should be submitted first to the student's counselor for processing and will then be routed to the principal for final approval. Consideration for approval will be based on the relationship of the topic to instruction, who the instructor is, the number of hours of instruction, the relationship to our content area, and the total expectations of the program.

COOPERATIVE EDUCATION (CO-OP)

Grades 11 & 12

1/2 - 3 credits per year

Prerequisites: Permission of parent, school, and work mentors.

75 work hours per 1/2 credit
Regular

For students enrolled in advanced level Career and Technical Education classes that desire paid work-based learning experiences in business, marketing, family and consumer science, health, or technology careers. Students are assigned a workplace mentor and receive instruction specific to their career focus. See career and technical education teachers or counselors for further details. A contract is signed in accordance to district policies.

YOUTH APPRENTICESHIP

Grades 11 & 12

One or two year program

Prerequisites: Permission of parent, school, and work mentors. Students must be on track for graduation and must be interviewed/hired by local Youth Apprenticeship employers in the spring of their sophomore or junior year.

4 credits per year
Regular

For students focused on careers in automotive, banking/finance, drafting/design, machine tool production and health careers. Students apply in their sophomore or junior year and attend Lakeshore Technical College classes that align with their **paid** work experience. A mentor is assigned to the student at the job site.

ACADEMIC SEMINAR

Grades 9 & 10

Semester Course - .5 credit

Prerequisite: Instructor Recommendation

This course is designed for students who need support with their academic behaviors. Skills in time management, homework completion, study skills, and relationship building are practiced.

GED OPTION 2

Grade 12

Full Year - High school diploma upon completion

Prerequisite: TABE Test and Instructor Recommendation

This course is for seniors who are credit deficient by one year or more who have a 9th grade reading level or higher. The course is designed to assist student completion of high school requirements through class work and GED testing.

EMPOWER RESOURCE

Grades 9, 10, 11, 12

Prerequisite: Teacher Recommendation

South High School offers mods in the Empowerment Center for students to work on personal and academic skills to gain confidence and success.

CREDIT RECOVERY

Grades 10, 11, 12

Semester Course - .5 credit per course taken

Prerequisite: Teacher recommendation

A variety of courses are available to students who have become credit deficient. Courses offered are in the areas of math, English, science, social studies and electives.

ART EDUCATION

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	Art Foundations 1 & 2	R	3801-3802	X	X	X	X	X
Year	1	Art Foundations 3 & 4	R	3803-3804		X	X	X	X
Semester	½	Drawing Intensive	R	3805			X	X	X
Semester	½	Three-Dimensional Design	R	3806			X	X	X
Semester	½	Drawing/Painting I	R	3807			X	X	X
Semester	½	Advanced Drawing/Painting II	R	3808				X	X
Semester	½	Drawing/Painting I Honors	H	3809			X	X	X
Semester	½	Advanced Drawing/Painting II	H	3810				X	X
Year	1	Senior Art 1 & 2	R	3811-3812				X	
Year	1	Portfolio I	H	3813-3814			X	X	X
Year	1	AP Studio Art 1 & 2	H	3815-3816				X	X
Semester	½	Introduction to Digital Artistry (North Only)	H	3964			X	X	
Semester	½	Independent Study	R					X	X
Semester	½	Independent Study	H					X	X

The four-year art program provides a broad understanding of art making practices, media and creative processes which students can develop an appreciation for art through various art experiences. Students will be able to express themselves through their art and communicate with others.

Creating, Presenting, Responding and Connecting standards promote effective habits that cultivate curiosity, imagination, creativity, originality and evaluation skills. Concurrent opportunities will be offered to develop students artistic voice and to be exposed to the local arts through varied media, artist lectures and artist-in-residencies. These are key areas needed to become college and career ready.

3801-3802 ART FOUNDATIONS 1 & 2

Grades 9, 10, 11 & 12

Year Course - 1 credit

Prerequisites: Art Foundations 1 required before taking Art Foundations 2

Regular

Art Foundations 1 & 2 is a year-long course that provides an in-depth background in two and three-dimensional design. This course will focus on composition stressing the fundamentals of materials and ideas used in art (principles and elements of design). Course work is based on state and district standards adopted for the art curriculum. First semester will cover two-dimensional work: students will focus on drawing techniques, color theory and painting. Second semester will cover three-dimensional work: students will focus on sculpture, pottery, jewelry and printmaking. Students will be required to keep an active sketchbook. Students will be responsible for all handouts assigned research and note taking. Students should expect tests and quizzes on techniques, art vocabulary and concepts. Students will partake in self and group critiques of their work as a means of assessment.

3803-3804 ART FOUNDATIONS 3 & 4

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Art Foundations 1 & 2
Art Foundations 3 required before taking
Art Foundations 4

Regular

The second year of Art Foundations will provide the student with a more in-depth approach to media explored in two and three-dimensional design. Students will build on basic techniques and skills learned in Art Foundations 1 & 2. Students will be given the opportunity to explore new media as well. This course will focus on composition stressing the fundamentals of materials and ideas used in art (principles and elements of design). Course work is based on state and district standards adopted for the art curriculum. Both first and second semester will offer exploration in two and three-dimensional design. Possible media explored: painting, textiles, drawing, pen and ink, print making and ceramics. Course will include artist research, art vocabulary, concepts, exploration of various cultures, self and group critiques. Students should expect tests and quizzes on techniques, art vocabulary and concepts. Research papers are required. Students are required to keep an active sketchbook. Students are responsible for all handouts and note taking. Students will have the opportunity to attend art exhibits.

3805 DRAWING INTENSIVE

Grades 11 & 12

Prerequisites: Art Foundations 1 & 2, Art Foundations 3 & 4

Semester Course - 1/2 credit (can be offered both semesters)
Regular

Drawing Intensive offers the student an in-depth approach to various techniques and processes related to drawing. Drawing will be used as a tool for diagramming ideas and creating marks to develop style and point of view. Students will conceptualize ideas for complex compositions based on the elements and principles of design. Course work is based on state and district standards adopted for the art curriculum. Students will develop an increased art vocabulary for responding to class and self-critiques. Students will explore and refine technical skills. Possible media explored: pencil, chalk, charcoal, pen and ink, color pencil, Prismacolor, and ink washes. Students will be required to keep an active sketchbook. Artist and individual research is required. Students will have the opportunity to attend art exhibits. Students should expect tests and quizzes on techniques, art vocabulary and concepts.

3806 THREE-DIMENSIONAL DESIGN

Grades 11 & 12

Prerequisites: Art Foundations 1 & 2, Art Foundations 3 & 4, Drawing Intensive

Semester Course - 1/2 credit (can be offered both semesters)
Regular

Three-Dimensional Design offers the student an opportunity to explore and refine concepts, basic principles, processes and techniques that deal with three-dimensional compositions. Course work is based on state and district standards adopted for the art curriculum. Studio includes assignments to develop 3-dimensional compositions that stress problem solving and experimentation. Media to be explored but not limited to: ceramics, art metals, stained glass and mixed media. Students will be required to keep an active sketchbook. Artist and individual research is required. Students will develop an increased art vocabulary to participate in class and self-critiques. Students should expect tests and quizzes on techniques, art vocabulary, and concepts. Students will have the opportunity to attend art exhibits.

3807 DRAWING/PAINTING I

Grades 11 & 12

Prerequisites: Art Foundations 1 & 2, Art Foundations 3 & 4, Drawing Intensive

Semester Course - 1/2 credit (can be offered both semesters)
Regular

Drawing/Painting I offers the student an opportunity to work with advanced concepts in drawing and painting techniques in conte crayon, pastels and oil paint as well as a place for exploration, development, and expression of individual style. Course work is based on state and district standards adopted for the art curriculum. Active sketchbooks and artist research will focus on compositions that deal with landscape, still life, portraits, nature and the human figure. Students will develop an increased art vocabulary for responding to class and self-critiques. Students should expect tests and quizzes on techniques, art vocabulary and concepts. Students will have the opportunity to attend art exhibits.

3808 ADVANCED DRAWING/PAINTING II

Grade 12

Prerequisites: Art Foundations 1 & 2, Art Foundations 3 & 4, Drawing Intensive, Drawing/Painting I

Semester Course - 1/2 credit (Can be offered both semesters)
Regular

Advanced Drawing/Painting II offers the student an opportunity for further exploration in drawing and painting media as well as a place for further exploration, development, and expression of individual style. Course work will address painting problems concerning representational and nonrepresentational issues. Course work is based on state and district standards adopted for the art curriculum. Compositions will include a broad range of materials and techniques with instruction geared to individual artistic concerns. Active sketchbooks and artist research is required. Students will use an increased art vocabulary for responding to class and self-critiques. Students should expect tests and quizzes on techniques, art vocabulary and concepts. Students will have the opportunity to attend art exhibits.

3809 DRAWING/PAINTING I HONORS

Grades 11 & 12

Prerequisites: Art Foundations 1 & 2, Art Foundations 3 & 4, Drawing Intensive

Semester Course - 1/2 credit (can be offered both semesters)
Honors (honors credit must have instructor's approval)

In addition to the regular course work established in Drawing/Painting I, students enrolled in the “Honors” portion will be required to meet additional criteria that challenge his/her creativity. The student must complete two major assignments that meet instructor approval outside of class each semester. Students are required to keep a sketchbook, complete critiques of current art exhibits and submit work for exhibitions.

3810 ADVANCED DRAWING/PAINTING II

Grade 12

Prerequisites: Art Foundations 1 & 2, Art Foundations 3 & 4, Drawing Intensive, Drawing/Painting I

Semester Course - 1/2 credit (can be offered both semesters)
Honors (honors credit must have instructor's approval.)

In addition to the regular course work established in Advanced Drawing/Painting II, students enrolled in the “Honors” portion will be required to meet additional criteria that challenge his/her creativity. The student must complete two major assignments that meet instructor approval outside of class each semester. Students are required to keep a sketchbook, complete critiques of current art exhibits and submit work for exhibitions.

3811-3812 SENIOR ART 1 & 2

Grade 12

Prerequisites: None

Year Course - 1 credit

Regular

This course is an introductory course designed for seniors who have not had an opportunity to experience the enjoyment of creating and who would like to develop a background of art principles to help them in their understanding and appreciation of the arts and the world around them. Area studies may include: drawing, painting, sculpture, graphics, ceramics, jewelry, textiles, lettering, design and art history. **Seniors who elect this course will be scheduled into a regular Basic Art class if scheduling problems do not permit enrollment in Senior Basic Art.**

3813-3814 PORTFOLIO I

Grades 11 & 12

Prerequisites: Art Foundations 1, 2, 3, 4 and Drawing Intensive. Students may take Drawing Intensive and Portfolio at the same time with instructor consent.

Year Course - 1 Credit

Honors

Students enrolled in Portfolio 1 will be expected to produce a minimum of 15 works of art in a variety of media, techniques, and subject matter. Emphasis is placed on drawing from observation; the applications of color and design principles; and the understanding of the fundamentals of two and three-dimensional design. This course provides the opportunity for art students to participate in an accelerated art course in which they create a portfolio of work, which encompasses the criteria set forth by the College Board.

Students who wish to pursue a career in art are strongly encouraged to take the Portfolio course their junior year. An Advanced Placement portfolio, using artwork completed in Portfolio 1 and AP Art Studio (completed senior year), may be submitted to the AP College board for evaluation in May. Students must pay a fee to submit the portfolio. Portfolios are evaluated and assigned a score by the AP College Board. The awarding of college credits for AP scores is at the discretion of the individual schools.

Students not wishing to submit for college credit may take the course to develop their skills and understanding of higher level art concepts.

3815-3816 AP STUDIO ART

Grade 12

Prerequisites: Art Foundations 1, 2, 3, 4

Drawing Intensive, Portfolio, and consent of instructor

Year Course - 1 Credit

Honors/Advanced Placement

Students enrolled in the AP Studio Art course will focus on the development of a concentration (body of work) showing investigation, growth and discovery. Students will develop a series of work that are unified by an underlying idea that has visual coherence.

This course provides the opportunity for art students to participate in an accelerated art course in which they are completing a portfolio of work. The work should demonstrate the criteria set forth by the College Board. Students may elect to receive college credit in one of the following three portfolios: Drawing, Two-Dimensional Design or Three-Dimensional Design. Students are required to submit 12 works of art for the breadth section (completed in Portfolio-junior year), 12 works of art for the concentration section (completed in AP Studio Art -senior year) and 5 original works of art, which can be taken from either the breadth or concentration sections. Students must pay a fee to submit the portfolio. AP Studio Portfolios are submitted in May. Portfolios are evaluated and assigned a score by the AP College Board. The awarding of college credits for AP scores is at the discretion of the individual schools.

Students not wishing to submit for college credit may take the course to develop their skills and understandings of higher level art concepts.

3964 INTRODUCTION TO DIGITAL ARTISTRY

Grades 11 & 12

Prerequisites: Art Foundations 1 & 2, Art Foundations 3 & 4, Drawing Intensive, and Teacher Consent

North High School only

Semester Course - 1/2 credit (can be offered both semesters)

Honors

Introduction to Digital Artistry offers the student an opportunity to integrate technology with their current body of work. Students will be able to explore, develop, and express their artistic visions through the use of digital media via a desktop or Wacom Tablets. Course work is based on state and district standards adopted for the art curriculum and will focus on developing a strong portfolio for college admission. Active sketchbooks and artist research will focus on compositions that deal with appropriation, juxtaposition, re-contextualization, layering, and interaction of text and image. Students will develop an increased art vocabulary for responding to class and self-critiques. Students should expect tests and quizzes on techniques, art vocabulary, and concepts. Students will have the opportunity to attend art exhibits, artist talks, and to interact with digital media artists via Skype.

INDEPENDENT STUDY

Grade 12

Prerequisites: Art Foundations, 1 & 2, Art Foundations 3 & 4, Drawing Intensive, Three Dimensional Design, consent of instructor

Semester Course - 1/2 credit

Regular

This course is open to students who wish to pursue an area of art in depth. Students must be currently enrolled in or have taken Drawing Intensive or Drawing/Painting I. The students must be able to express him/herself creatively, develop self-discipline and demonstrate originality in their chosen area of study. Students will be required to submit a proposal for a course of study including artists to be investigated, vocabulary, and techniques to be explored. This proposal should be developed with the guidance of the instructor overseeing the Independent Study.

INDEPENDENT STUDY

Grade 12

Prerequisites: Art Foundations 1 & 2, Art Foundations 3 & 4, Drawing Intensive, Three-Dimensional Design, Drawing/Painting I, consent of instructor

Semester Course - 1/2 credit

Honors

This course is open to students who are extremely motivated and who wish to pursue an area of art in depth. Students must be currently enrolled in or have taken Drawing/Painting I or II, Portfolio or Studio Art. The student must be able to express him/herself creatively, develop self-discipline, and demonstrate originality in their chosen area of study. Students will be required to submit a proposal for a course of study including artists to be investigated, vocabulary, and techniques to be explored. This proposal should be developed with the guidance of the instructor overseeing the Independent Study.

BUSINESS, MARKETING AND INFORMATION TECHNOLOGY

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	Introduction to Business	R	5560	X	X			
Semester/Year	½ or 1	Microsoft Office Specialist 1 & 2	H	5576-5577	X	X	X	X	
Year	½ - 3	Business/Marketing Co-op	R	5631-5635			X	X	X
Semester	½	CAPP/Personal Finance	H	5681			X	X	
Semester	½	CAPP/Business Management	H	5682			X	X	
Semester	½	Business Management 2	H	5683			X	X	
Year	1	Accounting 1 & 2 TC H	H	5637-5638		X	X	X	
Year	1	Accounting 3 & 4 TC	H	5709-5710			X	X	X
Semester	½	Digital Web Design	R	5729	X	X	X	X	
Year	1	Marketing 1 & 2	R	5801-5802		X	X	X	
Semester	½	Programming Introduction	H	5583	X	X	X	X	
Semester	½	Web Development Programming	H	5655	X	X	X	X	
Year	1	INCubatorEDU 1 & 2	H	5725-5726		X	X	X	
Semester	½	Independent Study	R		X	X	X	X	X
Semester	½	Independent Study	H				X	X	X

5560 INTRODUCTION TO BUSINESS

Grades 9 & 10

Prerequisites: None

Semester Course - 1/2 credit

Regular

This course provides students with an introduction to business operations, marketing and finances as well as soft skill development that all employers are looking for in employees. Topics include professionalism, communication, conflict resolution, time management and ethics. Students also work collaboratively to establish a product line for the school store.

5576-5577 MICROSOFT OFFICE SPECIALIST 1 & 2

Grades 9, 10, 11 & 12

Prerequisites: None

Semester/Year Course – ½ or 1 credit

Honors

If you read almost any job listing, the ability to use Microsoft Office is listed as a desired skill. This course is the entry-level course for students interested in information technology or computer science but is also valuable for any student pursuing any post-secondary plan. It provides essential computer skills by increasing knowledge of the Microsoft Office Suite and gives students a chance to build their resume by gaining Microsoft Office Specialist industry certifications.

5631-5635 BUSINESS/MARKETING CO-OP

Grades 11 & 12

Prerequisites: Concurrent enrollment in Business Management or instructor consent
instructor consent with upper level business class

Year Course - 1/2 - 3 credits

Regular

On-the-job training is offered for credit and pay with classroom individualized instruction relating to chosen business/marketing career objectives. Standard must be enrolled in an upper level business or marketing class when working in a co-op job for credit. The business/marketing co-op can be taken both in the junior and senior year.

5681 CAPP/PERSONAL FINANCE

Grades 11 & 12

Prerequisites: None

Semester Course 1/2 credit

Honors

Through a partnership with UW-Oshkosh, students can earn UW college credit in high school without the high stakes test required of Advanced Placement. In this course, students will study the major financial decisions encountered by individuals. Topics include: budgeting, use of credit, automobile and consumer durables, insurance, the housing decision, taxes, retirement planning, estate transfer and investments.

This course is transcribed with UW-Oshkosh for college credit. Students may participate in this at their discretion. This course is also a 1/2 math equivalency credit. At least two of the three math credits must be taught by the mathematics department.

5682 CAPP/BUSINESS MANAGEMENT
 Grades 11 & 12 Semester Course – 1/2 credit
 Prerequisites: None Honors

Through a partnership with UW-Oshkosh, students can earn UW college credit in high school without the high stakes test required of Advanced Placement. Want to be an entrepreneur or be in charge of others some day? CAPP/Business Management provides students with an introduction to the management principles for both endeavors. Students will learn about planning, organizing, leading, controlling and staffing resources. Then, in Business Management 2, students will use apply these concepts by practicing managerial roles. Students will create a business plan which takes into consideration all elements of business management.

CAPP/Business Management is transcribed with UW-Oshkosh for college credit. Students may participate in this at their discretion.

5683 BUSINESS MANAGEMENT 2
 Grades 11 & 12 Semester Course – ½ Credit
 Prerequisites: None Honors

This course is an applied approach to the study of business management. Students will complete projects and simulations to better identify and utilize business management principles.

5637-5638 ACCOUNTING 1 & 2 TC H
 Grades 10, 11 & 12 Year Course - 1 credit
 Prerequisites: None Honors

Students will learn the principles and theories of accounting. In addition, students will learn the accounting cycle and how to maintain financial records for the business. The main focus will be on analyzing business transactions/activity, preparing financial statements, and completing the accounting cycle. As student understanding progresses, automated accounting software and/or spreadsheet application will be used for data entry. This is a must class for anyone considering a college degree to business.

This course provides transcribed credit through Lakeshore Technical College. This course also counts as a math credit. At least two of the three math credits must be taught by the mathematics department.

5709-5710 ACCOUNTING 3 & 4 TC
 Grades 11 & 12 Year Course - 1 credit
 Prerequisites: Accounting 1 & 2TC Honors

This course is a continuation of the studies completed in Accounting 1/2. Students will acquire in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions.

This course is transcribed with Lakeshore Technical College for college credit.

5729 DIGITAL WEB DESIGN
 Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
 Prerequisites: None Regular

In this exploratory, project-based course students create websites and graphics for the web. It is highly interactive making it engaging for students with little to no experience in web design. Students focus on creating projects related to their own interests. The design process includes various tools such as HTML code, Adobe Creative Suite tools and web based programs. Students who want to continue studies in web design can follow with the Web Development Programming 1 computer science course.

5801-5802 MARKETING 1 & 2
 Grades 10, 11 & 12 Year Course - 1 credit
 Prerequisites: None Regular

A study of marketing concepts and principles and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter includes economics, marketing foundations/functions with emphasis on selling, promotion, product/service management, pricing and distribution. As a project based class, students will complete a variety of projects to reinforce topics learned.

5583 PROGRAMMING INTRODUCTION
 Grades 9, 10, 11 & 12 Semester Course – 1/2 credit
 Prerequisites: None Honors

This course begins with an introduction to concepts of programming with no coding, using flowcharts, students will learn about the concepts of variable, data types, decision, loops and arrays. Then, as they become more comfortable, it builds on the concepts by introducing coding techniques using the JavaScript scripting language.

This course is transcribed with Lakeshore Technical College for college credit.

5655 WEB DEVELOPMENT PROGRAMMING
 Grades 9, 10, 11 & 12 Semester Course – 1/2 credit
 Prerequisites: None Honors

For the student who has an interest in web design and wants to learn programming, this course introduces the students to web page design principles and proceeds to teach students how to create their own visually appealing designs for the web. Students will have hands-on experience using current versions of Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) to code and format accessible, valid and optimized web sites. Website will be published live on the web using FTP.

This course is transcribed with Lakeshore Technical College for college credit.

5725-5726 INCubatorEDU 1 & 2
 Grades 10, 11 & 12 Year Course – 1 credit
 Prerequisites: None Honors

Through the INCubatorEDU program, students ideate, develop and iterate their own product or service startup in an attempt to gain investment funds from real investors.

Real entrepreneurs and business experts serve as volunteer coaches and mentors guiding student teams through the processes of developing hypotheses about a business concept, testing those hypotheses, adapting and continually learning and improving. This cycle of experimentation is combined with basic marketing and finance concepts. The businesses students build are real – they are not business cases or simulated experiences – which means students experience mistake, take risks and learn to pivot based on market need.

INDEPENDENT STUDY
 Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
 Prerequisites: Permission of instructor Regular

Occasionally a student will request a class, which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule that student for that class.

INDEPENDENT STUDY
 Grade 11 & 12 Semester Course - 1/2 credit
 Prerequisites: Permission of instructor Honors

Honors Independent Study is a program in which an extremely motivated student can set up a search for advanced knowledge beyond the level of the course offerings. The student must be willing to pursue a topic in depth, assess his/her own capacity for self-directed learning, express him/herself creatively, improve his/her ability, and develop self-reliance. Originality is an integral part of this program. **Independent Study Honors credit will only be awarded to students who have completed the highest advanced level course in the subject area of the independent study.**

COMPUTER SCIENCE

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester/Year	½ or 1	Microsoft Office Specialist 1 & 2	H	5576-5577	X	X	X	X	
Semester	½	Programming Introduction	H	5583	X	X	X	X	
Semester	½	Digital Web Design	R	5729	X	X	X	X	
Semester	½	Web Development Programming	H	5655	X	X	X	X	
Semester	½	Advancements in Web Design & Development	H	5685	X	X	X	X	
Semester	½	Web Development 2	H	5686		X	X	X	X
Semester	½	Introduction to Database Design & Development (LTC)	H	5727		X	X	X	
Year	¾	Database Basics	H	4307		X	X	X	
Semester	½	PLTW Computer Science Principles 1 & 2	R	6227-6228		X	X	X	X
Semester	¾	Web Security (South only)	H	4308		X	X	X	X
Year	1	Computer Programming in C++ (Blended/Ed Online-North Only) 1 & 2	R	4323-4324		X	X	X	
Semester	½	Independent Study	R		X	X	X	X	X
Semester	½	Independent Study	H					X	X

5576-5577 MICROSOFT OFFICE SPECIALIST 1 & 2

Grades 9, 10, 11 & 12

Prerequisites: None

Semester/Year Course – ½ or 1 credit

Honors

If you read almost any job listing, the ability to use Microsoft Office is listed as a desired skill. This course is the entry-level course for students interested in information technology or computer science but is also valuable for any student pursuing any post-secondary plan. It provides essential computer skills by increasing knowledge of the Microsoft Office Suite and gives students a chance to build their resume by gaining Microsoft Office Specialist industry certifications.

5583 PROGRAMMING INTRODUCTION

Grades 9, 10, 11 & 12

Prerequisites: None

Semester Course – 1/2 credit

Honors

This course begins with an introduction to concepts of programming with no coding, using flowcharts, students will learn about the concepts of variable, data types, decision, loops and arrays. Then, as they become more comfortable, it builds on the concepts by introducing coding techniques using the JavaScript scripting language. This course is transcribed with LTC for college credit and taught by SASD instructors.

5729 DIGITAL WEB DESIGN

Grades 9, 10, 11 & 12

Prerequisites: None

Semester Course - 1/2 credit

Regular

In this exploratory, project-based course students create websites and graphics for the web. It is highly interactive making it engaging for students with little to no experience in web design. Students focus on creating projects related to their own interests. The design process includes various tools such as HTML code, Adobe Creative Suite tools and web based programs. Students who want to continue studies in web design can follow with the Web Development Programming 1 computer science course.

5655 WEB DEVELOPMENT PROGRAMMING
 Grades 9, 10, 11 & 12 Semester Course – ½ credit
 Prerequisites: None Honors

For the student who has an interest in web design and wants to learn programming, this course introduces the students to web page design principles and proceeds to teach students how to create their own visually appealing designs for the web. Students will have hands-on experience using current versions of Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) to code and format accessible, valid and optimized web sites. Website will be published live on the web using FTP. This course is transcribed with LTC for college credit and taught by SASD instructors.

5685 ADVANCEMENTS IN WEB DESIGN AND DEVELOPMENT
 Grades 9, 10, 11 & 12 Semester – ½ credit
 Prerequisites: Web Development Programming Honors

This course explores the latest trends in Web design and development. Students will apply advanced techniques to create progressive and contemporary websites.

This course is transcribed with Lakeshore Technical College for college credit.

5686 WEB DEVELOPMENT 2
 Grades 10, 11 & 12 Semester – ½ credit
 Prerequisites: Web development Programming, Honors
 Programming Introduction or Programming 2

This course, taught by LTC instructors, introduces the student to the JQuery JavaScript framework for developing dynamic client-side Web pages.

5727 INTRODUCTION TO DATABASE DESIGN AND DEVELOPMENT (LTC)
 Grades 10, 11 & 12 Semester – ½ credit
 Prerequisites: None Honors

This course, taught by LTC instructors, introduces the student to DBMS components, the design and development of databases, table relationships, SQL, database best practice and database integration with web applications.

4307 DATABASE BASICS
 Grades 10, 11 & 12 Year Course – ¾ credit
 Prerequisites: None Honors

Basic concepts of database layout, design and theory. Intermediate to advanced work with forms, reports and queries. This course includes a general overview of Information Technology Management systems.

COURSE NOTE: This course is a Lakeland University ONLINE course. Upon passing, students will earn 3 college credit at Lakeland.

6227-6228 PLTW COURSE SCIENCE PRINCIPLES 1 & 2
 Grades 10, 11 & 12 Year Course – 1 credit
 Prerequisites: 1564 Algebra 2 Regular

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity and simulation. (PLTW college credit possible)

4308	WEB SECURITY Grades 10, 11 & 12 Prerequisites: Computer Programming In C++, Computer Science & Software Engineering 1 & 2-PLTW	South High School only Semester –3/4 credit Honors
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This course will cover such high interest topics such as cyber stalking, malware, cyberspace spying, cyber terrorism and more. Dual credit through Lakeland University.

4323-4324	COMPUTER PROGRAMMING IN C++ (Blended Ed/Online) 1 & 2 Grades 10, 11 & 12 Prerequisites: Algebra 1 & 2	North High School Only Year Course – 1 credit Regular
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This year long course is designed to help students learn how to logically develop a solution to a problem through the use of a top-down design approach to programming using C++. The course is intended for students who wish to pursue a career or college program which requires a computer science background.

INDEPENDENT STUDY Grades 9, 10, 11 & 12 Prerequisites: Permission of instructor	Semester Course - 1/2 credit Regular
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Occasionally a student will request a class, which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule that student for that class.

INDEPENDENT STUDY Grade 12 Prerequisites: Permission of instructor	Semester Course - 1/2 credit Honors
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Honors Independent Study is a program in which an extremely well-motivated student can set up a search for advanced knowledge beyond the level of the course offerings. The student must be willing to pursue a topic in depth, assess his/her own capacity for self-directed learning, express him/herself creatively, improve his/her ability, and develop self-discipline and self-reliance. Originality is an integral part of this program. **Independent Study Honors credit will only be awarded to students who have completed the highest advanced level course in the subject area of the independent study.**

ENGLISH LEARNER - EL

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	EL Algebra 1 & 2 (South only)	R	1713-1714	X	X	X	X	
Year	1	EL Geometry 1 & 2 (South only)	R	1721-1722		X	X	X	X
Year	1	EL Transition to College Math 1 & 2 (South only)	R	1727-1728			X	X	X
Year	1	EL U.S. History 1 & 2 (South only)	R	2805-2806			X	X	
Semester	½	EL Social Issues (South only)	R	2821-2822			X	X	
Semester	½	EL American Civics (South only)	R	2827		X			X
Semester	½	EL Health 1 (South only)	R	3318	X	X	X	X	
Semester	½	EL Health 2 (South only)	R	3328			X	X	X
Semester	½	Prescription Learning Lab-Hmong (South only)	B	7114	X	X	X	X	
Year	1	EL Meaning & Print (South only)	B	7115-7125	X	X	X	X	

Classes in EL are structured for student whose first language experience is one other than English. These students need additional development in reading, writing, and speaking. The EL students are placed into Center, Transitional, or Regular Mainstreamed classes according to testing scores and academic progress.

The following classes are transitional classes and satisfy credit requirements in the content areas for graduation.

1713-1714 EL ALGEBRA 1 & 2 **South High School only**
 Grades 9, 10, 11 & 12 Year Course - 1 credit
 Prerequisites: None Regular

EL Algebra is an EL transitional math class, which mirrors the mainstream curriculum. Math vocabulary acquisition is emphasized and bilingual support is provided.

1721-1722 EL GEOMETRY 1 & 2 **South High School only**
 Grades 10, 11, & 12 Year Course - 1 credit
 Prerequisites: A minimum average of a Regular
 "C" in EL Algebra 1 & 2, or teacher recommendation

The EL Geometry course mirrors the mainstream curriculum. This class offers bilingual support and is taught to enhance vocabulary acquisition.

1727-1728 EL TRANSITION TO COLLEGE MATH 1 & 2 **South High School only**
 Grades 11, 12 Year Course - 1 credit
 Prerequisites: EL Geometry Regular

EL Students who have completed EL Geometry, but do not feel they are quite ready for a more advanced course, would be candidates for this course. This course is intended to reduce the need to take remedial math as a college freshman. TI-84+ calculator may be used.

2805-2806 EL U.S. HISTORY 1 & 2

Grades 11 & 12
Prerequisites: None

South High School only

Year Course - 1 credit
Regular

EL United States History is designed for students whose are making the transition from EL Center classes to mainstreamed social studies classes.

Semester 1 - This course examines the early settlement of the United States, establishment of the nation and the U.S. Constitution. It is designed for students with little prior knowledge of these areas.

Semester 2 - This course examines westward expansion after 1800 and basic issues related to the Civil War. It takes a topical approach to the following elements: native Americans, American women, black Americans, American labor movement, technology and its effects, immigration. Bilingual support is provided.

2821-2822 EL SOCIAL ISSUES

Grades 11 & 12, EL Levels 2-4
Prerequisites: None

South High School only

Semester Course – 1/2 credit
Regular

Students will examine in depth-current social issues that affect their lives. Topics will vary to ensure their relevancy. The course will include a special emphasis on issues more pertinent to EL students. These may include: prejudice, racism, and poverty. The course will use the same District Benchmarks as the mainstream Social issues class.

2827 EL AMERICAN CIVICS

Grade 10
Prerequisites: World History 3

South High School only

Semester Course - 1/2 credit
Regular

This course is designed to assist students in acquiring a better understanding of their rights and responsibilities as US citizens. It begins with an examination of the U.S. Constitution and its applications today. The focus then turns to our state and local governments. Finally, we ask the students to consider their role as a citizen at the national, state and local levels.

3318 EL HEALTH 1

Grade 9 (10, 11 & 12 may enroll)
Prerequisites: None

South High School only

Semester Course - 1/2 credit
Regular

EL Health 1 is designed for students whose levels of English proficiency dos not qualify them for the mainstreamed health class. The topics covered in this class include the following: structures and functions of selected body systems; human reproductive system, with emphasis on the social and emotional aspects of sex and reproduction; specific effects of alcohol, tobacco, and drugs on the body; wellness and nutrition. Bilingual support is provided.

3328 EL HEALTH 2

Grade 11 (12 may enroll)
Prerequisites: Health 1

South High School only

Semester Course - 1/2 credit
Regular

EL Health 2 is designed for students whose level of English proficiency does not qualify them for the mainstreamed health class. The topics covered in this class include the following: diseases of the body, especially heart disease and cancer; first aid; human sexuality, including reproduction, anatomy, dating and marriage, pregnancy and childbirth, contraception, STD's and other diseases, sexual assault; mental health; alcoholism, drug addiction and their treatment. Bilingual support is provided.

**7114 PRESCRIPTION LEARNING LAB/
HMONG LEARNING LAB CLASS**

Grades 9, 10, 11, & 12
Prerequisites: None

South High School only

Semester Course – ½ credit
Basic

This class teaches Hmong literacy to Hmong speakers.

7115-7125 EL MEANING AND PRINT

Grades 9, 10, 11 & 12
Prerequisites: None

South High School only

Year Course - 1 credit
Basic

This class emphasizes oral reading, reading for comprehension, and the further development of reading skills. It is designed for transitional EL students whose reading levels are below their peers and as a precursor to English 1 & 2.

FAMILY AND CONSUMER SCIENCES EDUCATION

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	Personal & Family Finance	R	5060		X	X	X	
Semester	¾	Educational Psychology	H	5062		X	X	X	
Semester	½	Interpersonal Relationships	R	5070	X	X	X	X	
Semester	½	Child Development 1	R	5072		X	X	X	
Semester	½	Child Development 2	R	5073			X	X	X
Semester	½	Housing & Interior Design	R	5075	X	X	X	X	
Semester	½	Fashion, Fabrics & Construction 1	R	5080	X	X	X	X	
Semester	½	Fashion, Fabrics & Construction 2	R	5081	X	X	X	X	X
Semester	½	Textiles & Fiber Arts	R	5082	X	X	X	X	
Semester	½	Culinary Arts 1	R	5101	X	X	X	X	
Semester	½	Culinary Arts 2	R	5102	X	X	X	X	X
Semester	½	Culinary Arts 3	R	5103	X	X	X	X	X
Semester	½	Culinary Arts 4	R	5104	X	X	X	X	X
Year	½-3	Hospitality Foods 5 & 6 (Co-op) South only	H	5111-5121			X	X	X
Year	½-3	Hospitality Foods 7 & 8 (Co-op) South only	H	5127-5128				X	X
Year	½-3	Related Occupations 1 & 2 (Co-op)	R	5151-5152			X	X	X
Semester	½	Introduction to Medical Occupations	R	5175	X	X	X	X	X
Semester	½	Culture of Healthcare	H	5178	X	X	X	X	
Semester	¾	Medical Terminology	H	5186			X	X	
Semester	¾	Human Diseases for the Health Profession-South only	H	5188		X	X	X	X
Semester	½	Introduction to Education (North Only)	H	5190			X	X	X
Semester	¾	Intro to Ed:EDU100 (South Only)	H	5191			X	X	
Semester	¾	Intro to Ed Tech:EDU140 (South Only)	H	5192			X	X	
Semester	½	Independent Study	R				X	X	X
Semester	½	Independent Study	H				X	X	X

Family and Consumer Sciences Education is a comprehensive title given to a varied spectrum of elective courses. This department offers classes to enhance personal skills and development both individually and in everyday relationships. Each course is designed to provide young people with the knowledge and skill necessary to function more effectively in today's society.

Courses are designed with a career exploration emphasis in the areas of: hospitality; nutrition and foods; interior design/housing services; fashion, textiles, and clothing; hotel and restaurant services; child care/teaching; social services/family counseling. With wellness concerns and the need for effective problem solving skills, our family centered, esteem building, and human relationship components within the program have become even more relevant.

View 9th-12th grade career maps for Education and Human Services, Fashions, Textiles & Clothing, Food Service, Health Care, and Interior Design at the following SASD web site: <http://www.sheboygan.k12.wi.us/schools/hscourses.html>

5060 PERSONAL AND FAMILY FINANCE

Grades 10, 11 & 12

Prerequisites: None

Semester Course - 1/2 credit

Regular

This course meets the Wisconsin Model Academic Standards for Personal Financial Literacy. Imagine your financial future in a new light! In the 21st century, money management is a basic skill – a key to survival for individuals, families and communities. High school students face many complex choices about financing higher education, obtaining a job, managing credit, avoiding debt, and securing insurance, banking, investing, developing a spending and saving plan, and living on your own. Students will learn how to implement simple saving habits, which can help create security and establish sound financial habits.

The course also includes real world scenarios, guest speakers and projects to help students become an informed consumer. We use the Take Charge America and Dave Ramsey Curriculums.

At least two of the three math credits must be taught by the mathematics department. This course counts as a Math credit.

5062	EDUCATIONAL PSYCHOLOGY Grades 10, 11 & 12 Prerequisites: None	South High School Only Semester Course – 3/4 credit Honors
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Educational and psychological theories and their application in the classroom, including various aspects of classroom management and organization, teaching methods and strategies, motivation, moral and personality development, special education and exceptional children, and measurement and evaluation. Special emphasis on relating the theoretical concepts of education and psychology to practical problems of education.

5070	INTERPERSONAL RELATIONSHIPS (S.H.A.R.E) North High School Only Grades 10, 11 & 12 Prerequisites: None	Semester Course - 1/2 credit Regular
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Interpersonal relationships (S.H.A.R.E. Students Helping, Accepting, Relating and Empowering others to succeed is recommended for students who are looking at going into education or health care. Students will have the opportunity to work one on one with a special needs North High student to help this student accomplish their life skills goals. The focus is on improving relationships and building connections with students who have special needs. Topics include: establishing and building relationships, improving our communication, building self-esteem, personality development, developing leadership skills by developing, planning and teaching these topics. This course requires students to develop and implement practical lessons that will encourage independence now and in the future. There is an application process to be admitted into this course. See instructor.

5072	CHILD DEVELOPMENT 1 Grades 10, 11 & 12 Prerequisites: None	Semester Course - 1/2 credit Regular
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This course is recommended for **all** students, regardless of future job/career interests, and is especially appropriate for those with an interest in working with children and/or families. This class provides basic knowledge and exploration of child development and parenting. Topics explored include: relationships, decision-making, human sexuality, pregnancy, prenatal care, birth defects, brain development, childbirth, positive child guidance, child abuse, SIDS and Shaken Baby Syndrome. We will also examine how attitudes about childhood, parenting, and fatherhood have changed throughout history. Students may have the option to explore "parenthood" through a weekend with an infant simulator. **Successful completion of this course is a prerequisite for enrolling in Child Development 2.**

Required for students who wish to pursue a career with children as well as those wishing to become certified as an assistant child care teacher by the State of Wisconsin (ACCT Certificate).

5073	CHILD DEVELOPMENT 2 (ACCT Certifying Course) Grades 11 & 12 Prerequisites: Child Development 1 required	Semester Course - 1/2 credit Regular
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This course provides experience working with children in an early childhood education setting. Students will plan developmentally appropriate art, reading, and learning activities to be used in a classroom. They will create lesson plans, lead small and large group activities, learn about children's literature, and serve as role models. Students will practice positive child guidance techniques learned in Child Development 1. This course is **highly recommended** for all students with an interest in teaching, child care, or any job or career working with children. WI State certification can be earned as an **Assistant Child Care Teacher** through academic achievement, excellent attendance and contact hours with children. A student who successfully completes this class with a "**B-**" or better will be eligible to receive advanced standing in Lakeshore Technical College's Early Childhood Education program. Certified students age 17 and older can then seek employment in a child care center as an assistant to the teacher.

Required for students who wish to pursue a career with children as well as those wishing to become certified as an assistant child care teacher by the State of Wisconsin (ACCT Certificate).

5075 HOUSING AND INTERIOR DESIGN
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

This course is an introduction to working with housing design. Students will examine planning, building and decorating a home, housing options, materials and furnishings, how different options can best be used to meet the tastes and lifestyle needs of families, as well as techniques for presenting design ideas in renderings, presentation boards and models.

5080 FASHION, FABRICS, AND CONSTRUCTION 1
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

Students learn basic construction and design techniques, skills and principles, including buying fabric and working with commercial patterns and kits. They are introduced to a variety of the available sewing machine technologies, and learn how to use the necessary hand tools for their selected projects. Students are responsible for the purchase of patterns, fabric, notions, and kits.

5081 FASHION, FABRICS, AND CONSTRUCTION 2
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Fashion, Fabrics, and Construction 1 Regular

Students who have previous sewing experience will select projects to improve their sewing skills and appreciation of fashion. Learning accomplishments may include any of the following areas: new construction techniques, specialty fabrics, pattern fitting, fashion design, fashion merchandising, clothing and textile careers, fashion history, clothing economics, wardrobe building and recycling design ideas. Students are responsible for the purchase of materials for their chosen sewing projects. **This course may be repeated each semester for credit.**

5082 TEXTILES AND FIBER ARTS
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

This course offers students an opportunity to construct a quilt or other creative stitching projects with a variety of hand and machine methods. Skills covered may include embroidery, applique, patchwork, quilting, needlepoint, crochet, knitting and other techniques used in designing home furnishings and clothing items. The course will include development of ideas which fit decorating schemes in the home and/or the embellishment of apparel. Students are responsible for the purchase of materials for their own choice of projects.

5101 CULINARY ARTS 1
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

Culinary Arts I is the prerequisite for all other high school culinary courses in the Sheboygan Area School District.

Exploration of basic cooking and baking is the main focus of this course. Safety and sanitation, reading recipes, measurements, nutrition, proper equipment use, knife skills as well as cooking and baking terminology will be incorporated within each unit.

5102 CULINARY ARTS 2
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Foundations of Culinary Arts Regular

Culinary Arts 2 is a basic baking fundamentals class that covers all of the essential information and skills needed to bake at home or further enroll in a baking program in a post-secondary institution.

Units will include: yeast, breads, flatbreads, breakfast breads and pastries, cakes, cookies, tarts and pies, quick breads, sugar techniques, chocolate work, frozen desserts as well as custards, puddings and mousses.

5103 CULINARY ARTS 3
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Foundations of Culinary Arts Regular

Culinary Arts 3 concentrates on cooking methods and production as applied to individual meal components. Units will include: stocks, sauces, soups, fruits, and vegetables, garnishing, pastas and grains, eggs and dairy.

5104 CULINARY ARTS 4
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Foundations of Culinary Arts Regular

Culinary Arts 4 focuses on the production and plating of full meals. Emphasis is given to the preparation of entrees based on meat, poultry and seafood. Regional and global cuisine will also be covered.

5175 INTRODUCTION TO MEDICAL OCCUPATIONS
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

This course prepares students for making a career decision in a health care field. Through the use of workshops, guest speakers, simulation activities, and field trips, the student will develop knowledge and awareness of the skills needed to prepare them for a position in the health care field, such as CNA (certified nursing assistant), RN (registered nurse) veterinarian assistant, physical therapist, physician, pharmacy assistant and many more. Medical ethics, empathy and qualities of a health care worker are also discussed. Students will also be required to participate in activities that require written and oral communication.

5178 CULTURE OF HEALTHCARE (Youth Options) - South High School Only
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Honors

This course is designed as an introduction to customer service for students interested in working in various healthcare settings. The student investigates healthcare systems, safety standards, and the workforce. The student examines professionalism, interpersonal and written communication skills, and confidentiality as they relate to customer service in healthcare. This course is designed for students interested in health related programs who wish to apply principles of customer service while working directly with healthcare clients.

5186 MEDICAL TERMINOLOGY (Youth Options)
Grades 11 & 12 Semester Course – 3/4 credit
Prerequisites: None Honors

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition, and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

5188 HUMAN DISEASES FOR THE HEALTH PROFESSION (Youth Options) South High School only
Grades 10, 11, & 12 Semester Course - 3/4 credit
Prerequisites: Medical Terminology Honors

This course focuses on the common diseases of each body system as encountered in all types of health care settings by health information professionals. Emphasis is placed on understanding the etiology (cause), signs and symptoms, diagnostic tests and results, medical treatment (including pharmacological information) and surgical procedures, prognosis, and prevention of each disease.

5190 INTRODUCTION TO EDUCATION North High Only
 Grades 11 & 12 Semester Course - 1/2 credit
 Prerequisites: Standard GPA of 3.0/4.0 scale Honors
 or teacher recommendation, an interest in the
 Education Career Pathways positions and enrollment
 in YTY within the 2020-21 school year.

This course provides an introductory experience and a broad perspective of teaching as a profession. Students will study contemporary issues and examine the challenges and rewards of working in education through a hands-on practical classroom experience. Students will shadow and assist a supervising teacher in a classroom at the elementary, middle or high school levels. Concepts explored will include a historical perspective on education in America, gender differences, multicultural education and diversity, legislation, lesson planning, planning for instruction, and classroom management. Students will discover their own thinking styles and learn about multiple intelligences and learning differences. Students will become familiar with fundamental practices of teaching, and vocabularies and theories surrounding education.

COURSE NOTE: Students may have the option of taking this course as a 3-credit college-level course through UWGB at a discounted tuition fee.

5191 IN TO ED: EDU100 South High Only
 Grades 11 & 12 Semester Course – ¾ credit
 Prerequisites: None Honors

The student of historical, philosophical and social foundations of education; organization and administration of education; classroom management and discipline; teacher strategies and learning theory; curriculum development, research and professionalism.

5192 INEDTECH:EDU140 South High Only
 Grades 11 & 12 Semester Course – ¾ credit
 Prerequisites: None Honors

Addresses the fundamentals of education technology and instructional design. Students will explore media, computers and related technologies as they relate to the classroom setting. Students will explore and evaluate how, when and where technology should be integrated in the classroom.

INDEPENDENT STUDY
 Grades 11 & 12 Semester Course - 1/2 credit
 Prerequisites: Permission of instructor Regular

Occasionally a study will request a class which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule that student for that class.

INDEPENDENT STUDY
 Grades 11 & 12 Semester Course - 1/2 credit
 Prerequisites: Permission of instructor Honors

Honors independent study is a program in which an extremely well-motivated student can set up a search for advanced knowledge beyond the level of the course offerings. The student must be willing to pursue a topic in-depth, assess his/her own capacity for self-directed learning, express him/herself creatively, improve his/her ability, and develop self-discipline and self-reliance. Originality is an integral part of this program.

Independent Study Honors credit will only be awarded to students who have completed the highest advanced level course in the subject area of the independent study.

WORK-BASED LEARNING OPPORTUNITIES: EARN \$ AND CREDITS WHILE YOU LEARN

Family and Consumer Sciences Education Co-op. Students need to work an average of 5-15 hours per week in a career related job while also taking an upper level Family and Consumer Sciences Education course. Transportation is needed to get to the job site, which could take place during or after normal school hours.

5111-5121 HOSPITALITY FOODS 5 & 6 (Co-op) **South High School only**
Grades 11 & 12 Year Course - 1/2 - 3 credits
Prerequisites: Passing grade in Culinary Honors
Arts 1, 2, 3, and 4 and teacher approval
Find more information about this course on the following pages.

5127-5128 HOSPITALITY FOODS 7 & 8 (Co-op) **South High School only**
Grade 12 Year Course - 1/2 - 3 credits
Prerequisites: Passing grade in Culinary Honors
Arts 1, 2, 3, and 4 and teacher approval
Find more information about this course on the following pages.

5151-5152 RELATED OCCUPATIONS 1 & 2 (Co-op)
Grades 11 & 12 Year Course - 1/2 - 3 credits
Prerequisites: Passing grade in previous Family Regular
and Consumer Education class related to their
job interest and teacher approval

Students with a career interest or current employment within the areas of childcare, hospitality, fashion construction and design, interior design or healthcare related occupations may benefit from the added component of a classroom segment specifically designed to increase knowledge and skill in general as an employed person. Students will explore additional employment opportunities and provide specific need based skill development related to current employment. This is a course to complement the student's job experience competencies in any occupation in the multi-faceted Family and Consumer Sciences Education area. If the student is not employed, the instructor will assist in exploring opportunities. Coordination of effort in training is between the employer and classroom teacher. Student has to obtain instructor's permission to enroll in this course. One credit is earned for the classroom component and 1-3 credits are earned for work "on-the-job" (4 credits maximum). The advantage of this course is that the student obtains supervision and encouragement to improve by both professionals with training in the field as well as the employer. DPI Employability Skills certification is available for successful completion of course.

HEALTH YOUTH APPRENTICESHIP
Grades 11 or 12 One year program
Prerequisites: Permission of parent, 4 credits per year
School, and work mentors. Students Honors
must be on track for graduation and must be interviewed/hired by local Youth Apprenticeship employers
in the spring of their sophomore or junior year.

For students focused on a career in nursing or other medical related jobs. Students apply through their counselor in early March of their sophomore or junior year and attend four Lakeshore Technical College courses (5.5 college credits) that align with their **paid** work experience. Transportation must be available for travel to work site and LTC campus. A mentor is assigned to the student at the job site.

LODGING MANAGEMENT YOUTH APPRENTICESHIP
Grades 11 or 12 One year program
Prerequisites: Permission of parent, school, 4 credits per year
and work mentors. Students must be on track Honors
for graduation and must be interviewed/hired by
local Youth Apprenticeship employers in the spring
of their sophomore or junior year.

For students focused on a career in hospitality and lodging management. Students apply through their counselor in early March of their sophomore or junior year and attend two courses at Kohler's Inn on Woodlake that align with their **paid** work experience. Transportation must be available for travel to Kohler's Inn on Woodlake. A mentor is assigned to the student at the job site.
Students are required to earn a minimum of three mathematics credits. At least two of math credits must be taught by the Mathematics department.

HEALTH

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	Health	R	3331		X	X	X	
Semester	½	Nutrition & Fitness (South only)	R	3339	X	X	X	X	

3331 HEALTH
 Grades 10, 11 & 12 Semester Course - 1/2 Credit
 Prerequisites: None Regular

This semester, half-credit course is required for high school graduation. It is offered as a co-educational class, meeting five days a week. Information covered in the class includes:

- Diseases of the body; infectious and non-infectious
- Knowledge and basic vocabulary relating to wellness and nutrition
- Human growth and development
- Mental health/stress
- Substance abuse
- Topics of death and dying
- American Red Cross CPR and AED

The emphasis of this course is to help students accept responsibility for their own health and that of those around them.

3339 NUTRITION AND FITNESS **South High School only**
 Grades 9, 10, 11, & 12 Semester Course - 1/2 Credit
 Prerequisites: None Regular

Mix cooking and physical fitness as you study the significance of lifestyle on your health, daily performance and weight maintenance. This class will help you attain practical fitness and nutrition information and apply healthy food choices to snacking, home cooking, and eating out. Assume control and responsibility for living a long and healthy life. Experience a variety of fitness cooking activities. Develop your optimum level of physical fitness as we explore fitness concepts and prepare foods to enhance body composition. This class is geared toward those who are interested in improving their lifestyle.

INDEPENDENT ELECTIVES

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester/Year	1-2	Read 180 (North only)	R	1181-1186	X	X			X
Semester	.50	Emergency Medical Technician Part 1	H	5213		X	X	X	
Semester	½	Introduction to Photography	R	6060	X	X	X	X	
Semester	½	Spanish for Spanish Speakers	R	7151-7152	X	X	X	X	X
Year	1	Innovator Fellowship	H	7987			X	X	
Year	1	Academic Literacy	R	7593-7594	X	X			X
Semester	½	Emergency Management (South only)	H	7609		X	X	X	X
Semester	½	Youth Tutoring Youth	R				X	X	X
Semester	½	Digital Photography	R	7851		X	X	X	

Students must see a counselor before signing up for these classes.

1181-1186 READ 180

Grades 9 & 10

Prerequisites: Interview with and consent of instructor

North High School only

Semester/Year Course - 1 credit per semester - 2 periods

Regular

READ 180 is a 2 period, intensive reading intervention program that helps students solidify and improve their reading and critical thinking skills. READ 180 directly addresses individual needs through adaptive and instructional software, high-interest literature, and direct instruction in reading, writing, and vocabulary skills. READ 180 is designed to help students do a '180' or turnaround in reading, and is recommended for those students who are below their respective grade levels in reading performance and have difficulty comprehending content area texts. It is not recommended for beginning English Language Learners (Levels 1-2).

5213

EMERGENCY MEDICAL TECHNICIAN PART 1 South High School only

Grades 10, 11 & 12

Prerequisites: None

Semester Course – ½ credit

Honors

This course, taught by an LTC instructor, provides the foundational knowledge for future Emergency Medical Technicians and Emergency Medical Responders. Topics include: basic human anatomy, performing a patient assessment, traumatic injury management, airway management, and Basic Life Support cardiac resuscitation. Upon successful completion, candidates will be eligible to participate in the National Registry of EMTs Emergency Medical Responder exams for Wisconsin EMR certification. Requirements: Must be 16 years old.

6060

INTRODUCTION TO PHOTOGRAPHY

Grades 9, 10, 11 & 12

Prerequisites: None

Semester Course - 1/2 Credit

Regular

This course involves the study of black and white photography. **Each student shall supply his or her own 35mm camera.** (Camera may have automatic modes.) Camera operation, composition, film processing, contact printing and photographic enlargements will be central to course study along with using digital cameras, scanners and picture editing software. Problem solving, evaluation, and specialized technique sessions will run concurrently with work in the darkroom and computer room.

7151-7152 SPANISH FOR SPANISH SPEAKERS

Grades 9, 10, 11, & 12

Prerequisite: Native Spanish Speaker, LEP 1, 2

South High School only

Semester Course – 1/2 credit

Regular

The Spanish for Spanish speakers class is designed for those native Spanish speakers whose linguistic needs cannot be met in the existing Spanish classes. Emphasis is placed on literacy skills in their native language. By improving the students' knowledge of reading, grammar, spelling and syntax in Spanish they will acquire English more rapidly and be more successful in their academic class.

7987

INNOVATOR FELLOWSHIP

Grades 11 & 12

Prerequisite: None

Year Course – 1 credit

Honors

The Innovator Fellowship Program engages high school junior and senior students in deeper exploration of career paths beyond the traditional classroom. Students work to develop passion driven concepts through a project-based, collaborative learning partnership within a multidisciplinary community of creative thinkers. Each fellow creates a vision for an innovative project and works with the Innovator Fellowship Coordinators and members of the Jake's Café creative community to develop their personal identity and carry out their unique project.

7593-7594 ACADEMIC LITERACY

Grades 9 & 10

Prerequisites: Consent of instructor

Year Course - 1 credit

Regular

This general elective course is designed to assist students in broadening their understanding and use of reading strategies, and to relate these strategies to books of their own choosing as well as classroom novels and texts. Special emphasis is placed on vocabulary acquisition, word analysis and comprehension development, as well as 'reading stamina' and sustained silent reading. There is a focus on textbook reading and analysis during second semester.

7609 EMERGENCY MANAGEMENT

Grades 10, 11 & 12

Prerequisites: Any sophomore, junior, or senior with the ability to successfully navigate a college level course.

South High School only

Semester Course – 1/2 credit

Honors

This course prepares the learner to describe emergency management functions at the local, state, and national levels; support system for the emergency management position; key characteristics of the professional emergency; requirements of the emergency manager during the four phases of an emergency; familiarity with the function of an emergency operations center; resource requirements and developing a system to maintain resources; and the importance of training, exercising, and fostering opportunities.

The course will be a collaborative venture between the Sheboygan Fire Department and the Sheboygan Police Department with professionals in the field directly working with our students.

YOUTH TUTORING YOUTH

Grades 11 & 12

Prerequisites: Parental permission

Semester Course - 1/2 credit

Regular

Youth Tutoring Youth (YTY) is an elective, credited class for high school students. Application for the program is made on an individual basis through the high school guidance counselor and the Youth Tutoring Youth Coordinator. YTY tutors provide individual or small group tutoring assistance to elementary, middle school or high school students in a classroom in Sheboygan (public and parochial, Head Start, John Michael Kohler Arts Center) working under the direction of supervising and coordinating teachers. The tutors, in addition, complete a checklist of projects for each semester served. One-half regular credit is awarded for each hour of Youth Tutoring Youth. Daily attendance is required. Transportation to the tutoring site is the responsibility of the student, but bus tokens can be provided upon request.

7851 DIGITAL PHOTOGRAPHY

Grades 10, 11 & 12

Prerequisites: None

Semester Course – ½ credit

Regular

Digital Photography is a semester course offered every other year. This course will focus on composition stressing the fundamentals and ideas used in art (elements and principles of art & design). Course work is based in state and district standards adopted for the art curriculum. Students will explore Digital Photography by becoming familiar with the camera, photographing a variety of subject matter, and editing, manipulating, enhancing those photos. The course is a blended class with a weekly class component where professional photographers will lend their expertise and insight as well as the instructor. This course relies heavily on the Independent Study component with weekly assignments being accomplished and submitted before the next weekly meeting. Students will be responsible for all assignments. Students will partake in self and group critiques of their work and are required to keep an active art page. **SOUTH HIGH SCHOOL ONLY.**

COURSE NOTE: Students will be required to purchase memory cards and photo paper.

Language Arts (English)

You are already aware of the close relationship between your abilities in writing and speaking and your success in your school subjects. You know that a student who is a good writer or speaker earns better marks not only in English but also in any subject that requires the ability to express oneself. You know that, if you are planning to attend college, your chances of creating a good impression with your application and of passing the entrance and scholarship examinations depend upon your skill in English. On the other hand, if you are planning to take a job or go into business directly after high school, your success in getting the job, keeping the job, and advancing in the job depend greatly on your ability to use the English language. This is why English has long been recognized as a vital subject in high school. Few subjects pay such high dividends for the time spent in learning to use our language skillfully. Your grades in school and your future career can hinge upon your ability in English, the impression you make upon others may affect your social status and the opinion others will have of you as a member of society.

Explanation of Phasing (1-5) for Electives

PHASING means offering a large number of semester length courses, which are grouped into five levels of difficulty and competency (phases). These courses are designed to meet the needs, interests, and abilities of individuals. Each of the classes will be identified by the phase level it meets. You can evaluate yourself with the help of your English teacher and, later, your counselor.

PHASE 1: Courses are designed for students who find reading, writing, speaking, and thinking quite difficult and have serious problems with basic skills. It is recommended that students complete English 3 & 4 with a grade of C- or higher.

PHASE 2: Courses have been created for the student who does not have serious problems with basic skills but needs to improve and refine them. It is recommended that students complete English 3 & 4 with a grade of C or higher.

PHASE 3: Courses are for those who are in fair command of the basic language skills and would like to advance but do so at a moderate, rather than an accelerated pace, and who may be continuing their education after high school. It is recommended that students complete English 3 & 4 with a grade of C+ or higher.

PHASE 4: Courses are for students who learn fairly rapidly, are in good command of the basic skills and are planning to continue their education after high school. It is recommended that students complete English 3 & 4 with a grade of B or higher.

PHASE 5: Courses are offered as a challenge to advanced students who have excellent control of basic skills, and are looking for stimulating academic learning experiences. It is recommended that students complete English 3 & 4 with a grade of B or higher.

Each course listed will have its own particular emphasis as described for the course. Students will also be expected to be involved in reading, writing, speaking, and listening activities that will stress the intelligent use of our language.

Requirements for Graduation

Freshmen students are required to take English 1 & 2. Students who do not pass the required course will retake it according to the semester failed. Two elective language arts courses may be taken with instructor's permission.

Sophomore students are required to take English 3 & 4. Students who do not pass the required course will retake it according to the semester failed. Some elective language arts courses may be taken during the sophomore year in addition to the required course.

Junior students are required to take English 5 & 6 or CAPP English 5 & 6 at North High ONLY. Students at South High ONLY can elect to substitute Advanced Placement English Language and Composition for English 5 & 6. Students who do not pass the required courses will retake them according to the semester(s) failed. The required writing course is included in English 5, but both English 5 and English 6 are required for graduation. In addition to English 5 & 6, an additional two semester of Language Arts courses must be taken. These additional semesters can be completed during junior and/or senior year. Students should consult the list of courses available on the Language Arts grid that follows on the next few pages.

Students who wish to take honors courses should register for English 5/6 (1165-1166). The elective program after English 5/6 provides a student challenging opportunities to expand his/her language arts skills. Students must earn a minimum grade of C- Junior English (1165) before enrolling in an honors level course.

Center Writing in Language Arts

It is the opinion and philosophy of the EC-12 Sheboygan Area School District Language Arts Department that writing skills are an integral component of all courses offered by this department. Therefore, the student should expect writing tasks. The exact writing tasks are left to the discretion of the instructors of the various courses.

This booklet is designed to help you select elective English courses wisely. You will have greater freedom in determining your English courses than you have ever had, and with this freedom comes added responsibility. When you request an elective, you are indicating that you have taken into consideration your abilities, interests, and needs. Having considered these qualities, you are stating your willingness to participate in each class that you have requested, or in each class you and your advisor have established as a need, for the entire length of the class.

The chart presented on the next page will assist with the students, parents, counselors, and teachers with this task of selection. A form in triplicate stating the teacher's recommendation and requiring student signatures will be used to inform the parents and counselors.

LANGUAGE ARTS

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	English 1 & 2	R	1051-1052	X				
Year	1	English 3 & 4	R	1053-1054		X			
Year	1	English 5 & 6	R	1161-1162			X		X
Year	1	English 5 & 6 College Prep (North only)	R	1163-1164			X		X
Year	1	English 5 & 6 CAPP (North only)	H	1165-1166			X		X
Semester	½	Fundamental English Skills (North only)	B	1061		X	X	X	
Semester	½	Career English Skills	B	1063			X	X	
Semester	½	Composition (South only) TC	R	1067				X	X
Semester	½	Creative Writing	R	1069			X	X	
Semester	½	Advanced (CAPP) Composition (North only)	H	1073				X	X
Year	1	AP English Language & Composition (South only)	H/AP	1075-1076			X	X	X
Semester	½	Exploring Literature (North only)	B	1091			X	X	X
Semester	½	AP Literature (North only)	H/AP	1095			X	X	X
Semester	½	Science Fiction	R	1100		X	X	X	
Semester	½	Sports Literature	R	1105			X	X	
Semester	½	Modern Literature	R	1111				X	
Semester	½	Mythology & Legend	R	1113			X	X	
Semester	½	Film as Literature	R	1119			X	X	
Semester	½	Speech	R	1122	X	X	X	X	
Semester	½	Acting (North only)	R	1123	X	X	X	X	
Semester	½	Play Production (North only)	R	1125	X	X	X	X	
Year	1	Broadcasting 1 & 2	R	1131-1132		X	X	X	
Year	1	Broadcast Management 1&2 (North only)	R	1133-1134			X	X	X
Year	1	Composition for Publications	R	1135-1136		X	X	X	X
Sem/Year	½ or 1	Honors Humanities 1 & 2 (North only)	H	1155-1156				X	X
Year	1	Advanced Acting (North only)	H	1157-1158			X	X	X
Semester	½	Introduction to Theater (North only)	R	1159	X	X	X	X	
Semester	½	Independent Study (South only)	R		X	X	X	X	X

1051-1052 ENGLISH 1 & 2

Grade 9

Prerequisites: None

Year Course - 1 credit

Regular

English 1 and 2 develops those skills identified in the grades 9 and 10 band of Common Core State Standards. These Standards are designed to help students develop the skills necessary for both college and careers, focusing on the five areas of essential learning in English Language Arts, including reading literature and informational text, writing, speaking and listening, and language usage.

1053-1054 ENGLISH 3 & 4

Grade 10

Prerequisites: English 1 and 2

Year Course - 1 credit

Regular

English 3 and 4 continues development of those skills identified in the grades 9 and 10 band of Common Core State Standards. These Standards are designed to help students develop the skills necessary for both college and careers, focusing on the five areas of essential learning in English Language Arts, including reading literature and informational text, writing, speaking and listening, and language usage.

*Students at South High are expected to successfully complete English 1-4 before moving on to English 5 and 6.

1161-1162 ENGLISH 5 & 6

Grade 11

Prerequisites: Junior standing

Year Course – 1 credit

Regular

English 5 and 6 continues development of those skills identified in the grades 11 and 12 band of Common Core State Standards. These Standards are designed to help students develop the skills necessary for both college and careers, focusing on the five areas of essential learning in English Language Arts, including reading literature and informational text, writing, speaking and listening, and language usage.

1163-1164 ENGLISH 5 & 6 COLLEGE PREP

Grade 11

Prerequisites: Completion of English 3 & 4 earning a C+ OR BETTER BOTH SEMESTERS.

North High School only

Year Course – 1 credit

Regular

English 5 and 6 College Prep continues to development of those skills identified in grades 11 and 12 band of the Common Core State Standards. These Standards are designed to help students develop the skills necessary for both college and careers, focusing on the five areas of essential learning in English Language Arts, including reading American Literature and informational text, writing, speaking and listening, and language usage. This course will offer more in depth analysis and discussion, as well as practice for the ACT test.

1165-1166 ENGLISH 5 & 6 CAPP

Grade 11

Prerequisites: Junior standing
Completion of English 3 and 4 at North/
South High, at A or B level and English 3 & 4
teacher's recommendation, Aspire Test Scores,
STAR 360 scores and requirements set by
LAKELAND UNIVERSITY granting the credits

will be taken into consideration for students wanting to take this course.

*Students must sign up during course selection in February to be considered.

North High School only

Year Course – 1 credit

Honors

This course is designed for students who are highly motivated and already conversant in both grammar and writing. This challenging, fast-paced course will include the addition of more demanding American literature while keeping all components of English 5 and College Prep. The course will include works by Herman Melville, Stephen Crane, William Faulkner, Toni Morrison and Truman Capote. Students will also study works written by minorities and women. This course will offer more in-depth analysis and discussion, as well as more extensive writing activities and ACT vocabulary preparation equivalent to a college course. Students will earn one honors credit of English for the year.

1061 FUNDAMENTAL ENGLISH SKILLS

Grades 10-12

Prerequisites: None

*No admission for students currently enrolled
in any English Honors course.**North High School only**

Semester Course - 1/2 credit

Basic

Phase 1, 2. Students who have passed language arts courses Phases 3-5 are not encouraged to take this course. This course helps students who are weak in any of the basic skills of reading, writing, speaking and/or listening. The course includes weekly writing experiences, spelling, and basic grammar activities, and reading and speaking strategies. Practical needs of job applications, letter writing, and persuasion are addressed. Students use high-interest, easy-reading literature to develop reading skills.

1063	CAREER ENGLISH SKILLS Grades 11 & 12 Prerequisites: Junior/Senior Standing *No admission for students enrolled in any honors English courses.	North High School only Semester Course – ½ credit Basic
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This course focuses on the kinds of writing experiences that are encountered in everyday life. The class develops job acquisition skills that the student can later utilize in paid employment, volunteer work and internship experiences. Students will demonstrate appropriate verbal and written communication and social skills needed in the workforce, as well as understand and utilize the steps in the problem-solving and decision-making process through individual and group cooperation. Assignments will include units on the creation of job applications, letter writing and resumes.

1067	COMPOSITION Grades 12 Prerequisites: Students must pass English 1-5 before taking Composition.	South High School only Semester Course – 1/2 credit Regular
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Phases 4, 5. This course is strongly recommended for college bound students who want to practice and polish their writing process skills. With its emphasis on academic writing, skill emphasized include interesting and original ideas that fit the purpose and audience; organizational patterns that enhance the reader’s understanding; appropriate voice; powerful, yet natural word choice; fluid sentence structure; and standard writing conventions. Writing as a process is used throughout the semester to create expository, often research-based essays.

COURSE NOTE: This class is eligible for transcribed credit through Lakeshore Technical College.

1069	CREATIVE WRITING Grades 11 & 12 Prerequisites: None	Semester Course - 1/2 credit Regular
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Phases 3, 4, 5. Creative Writing is a course for students competent in writing skills and mechanics but interested in writing and thinking more creatively. The students will keep personal journals, exercise their observation skills, sharpen their sensitivity to language, and write creative nonfiction, poetry, plays, short stories, and other genres. Through class discussion of student work and teacher comments, students should begin to develop criteria for evaluating creative writing. Students will occasionally read assignments aloud so that other class members have the opportunity to hear what fellow classmates have written. A final showcase of their best works and a reading may also be included.

1073	ADVANCED (CAPP) COMPOSITION Grade 12 Prerequisites: Students taking this course must meet the criteria for the university granting the credit. In addition, students must have successfully completed either CAPP English 5-6 or College Preparatory Junior English with a B- or higher.	North High School only Semester Course - 1/2 credit Honors/CAPP
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Phases 4, 5. CAPP Composition is a composition course for college-bound students to earn 1/2 honors credit for high school graduation while earning three university credits through Lakeland University. Upon successful completion of the course, students will receive the same transcripts from the university as for students on a university campus.

While this program offers on-site university credit for secondary students, and is taught by a high school instructor with a master's degree, the instructor will follow a university system syllabus for theme-based inquiry seminars and will use materials which support this curriculum. The CAPP Composition course is demanding, stringent, and taxing. Students must take either College Preparatory Junior English or CAPP English 5-6 as preparation for CAPP Composition. To be eligible for university credit, students must meet the course entry requirements of the credit granting university, must pass the course, must purchase the textbooks, and must pay tuition for three undergraduate credits to Lakeland University.

Students who are interested in the course should contact their guidance counselors or the CAPP Composition instructor for information about entry requirements, registration information, and course costs.

1075-1076 AP ENGLISH LANGUAGE & COMPOSITION **South High School only**
 Grades 11 & 12 Year Course - 1 credit
 Prerequisites: Successful completion of Honors/Advanced Placement
 English 1-4 with a grade of B- or better

Phases 4, 5. AP English Language and Composition encourages students to become skilled readers of nonfiction written in a variety of rhetorical contexts and challenges students to demonstrate college-level writing. The main objectives for writing instruction include: writing about a variety of subjects from a variety of disciplines; writing effectively and confidently; and writing in the forms of exposition, analysis, and argumentation that predominate academic and professional communication. Students may elect to sit for the AP English Language and Composition in May in pursuit of either advanced standing or college credit in their post-secondary studies.

1091 EXPLORING LITERATURE **North High School only**
 Grades 11 & 12 Semester Course - 1/2 credit
 Prerequisite: Junior/senior standing Basic
 No admission for students currently enrolled in
 any English Honors course.

Phases 1, 2. This reading-based class is intended for students who need to refine their reading skills and strategies, and to improve their reading comprehension. This will be achieved through instruction in a variety of reading strategies and exposure to a variety of fiction and nonfiction pieces. As reading and writing are interwoven, a number of written exercises will also be assigned in relation to the subject or skill being focused on in the book.

1095 AP LITERATURE **North High School only**
 Grades 11 & 12 Semester Course - 1/2 credit
 Prerequisite: Teacher recommendation and/or Honors/Advanced Placement
 successful completion of English 3-4, or
 English 5-6 with A/B.

Phases 4, 5. Students who wish to pursue college-level study while still in high school take this course. Students engage in careful reading and critical analysis of literature. Students read various genres of literature, and periods of literature are studied intensively and extensively. Assignments focus on critical analysis of literature, and students work to develop stylistic maturity and rhetorical effectiveness in their writing. Students will be evaluated primarily through response papers and class discussion. This course prepares students for entrance into college and for the Advanced Placement Literature and Composition Exam. An Advanced Placement Examination, for which students can receive college credit or advanced placement or both, is optional at the end of the second semester at the current fee. This AP work is accepted at over 3,000 colleges and universities throughout the United States.

1100 SCIENCE FICTION
 Grades 11 & 12 at South Semester Course - 1/2 credit
 Grades 10, 11 & 12 at North Regular
 Prerequisite for North: Successful
 completion of core English class with “C” grade.

Phases 1, 2, 3, 4, 5. The literature-based course explores a variety of books, short stories, and films about common science fiction themes concerning society, the future, history, technology, power, and what it means to be human. Students will further develop their understanding of literature, and be able to demonstrate this through discussion, writing, reviews, and multi-disciplinary projects. In addition to class activities, students will prepare individual research or creative projects to share with the class. Speaking activities may involve reviews, and/or debates and panel discussions.

1105 SPORTS LITERATURE
Grades 11 & 12
Prerequisites: None

North High School only
Semester Course - 1/2 credit
Regular

Phases 2, 3. This course examines the importance and influence of sports in today's world. Students will examine and analyze various literary works by both contemporary and classical writers, such as W.P. Kinsella's novel, *Shoeless Joe* and Jeanne Marie Laskas's *Concession*. Students will explore fundamental questions associated with sports. Students will read and write a variety of genres that include short stories, poems, fiction and nonfiction. Students will work to improve their reading, writing, presenting and researching skills, Critical and creative skills will also be strengthened and reinforced by various assignments including projects, papers, and presentations.

1111 MODERN LITERATURE
Grade 12
Prerequisites: None

South High School only
Semester Course - 1/2 credit
Regular

Phases 4, 5. In this course students read, study, discuss, and write about selected 20th and 21st century literature that reflect the major concerns of modern society. Emphasis is placed on the type, format, literary techniques, and power of ideas found in selected novels and short stories from a variety of genres.

1113 MYTHOLOGY AND LEGEND
Grades 11 & 12
Prerequisites: None

Semester Course - 1/2 credit
Regular

Phases 2, 3, 4. A study of myths, legends, and folktales from ancient times to the present throughout the world. Mythology refers to early humanity's need to explain the cosmological and supernatural traditions of a people, and to provide a simple, clear model of a code of human behavior. These two ideas are integrated into the modern world of the student.

1119 FILM AS LITERATURE
Grades 11 & 12
Prerequisites: None

Semester Course - 1/2 credit
Regular

Phases 2, 3, 4, 5. This course is a study of film, writing, and production, viewed from a literary perspective. Students will study the history of silent films, early sound films, and modern techniques of filming. Reading and using resource books and materials in these areas is expected of the students. Many of the required projects must be completed outside of class.

South High: Students will study storytelling in film and literature. Students will write essays that compare storytelling techniques in literary works and film of the same genre.

1122 SPEECH
Grades 9, 10, 11 & 12
Prerequisites: None (9th graders with instructor's approval)

Semester Course - ½ credit
Regular

Phases 2, 3, 4, 5. This course presents both communication theory and the opportunity to develop speech and writing skills through practical application, with the emphasis on the development of practical, everyday skills. The course is designed to give students the necessary tools to become proficient public speakers in society, post-secondary education, and in the world of work. Students are encouraged to take this course if they plan to attend a 2 or 4 year post-secondary institution. This class earns Advanced Standing Credit through Lakeshore Technical College. This means the student only gets credit through LTC if he or she earns an A or B in the course.

1123	ACTING Grades 9, 10, 11 & 12 Prerequisites: None	North High School only Semester Course - 1/2 credit Regular
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Phases 3, 4, 5. Emphasizing the art of movement in relationship to acting as well as the ability to read and analyze both classical and modern scripts in oral and written form, this course has each student act in scenes from plays and evaluate the scenes of others. The student will learn character development through body movement, vocal quality, and facial expressions. The students will attend live performances (some outside of the school day) for added experience and evaluation. Students will be required to memorize the lines for characters they portray throughout the semester and for the final exam.

1125	PLAY PRODUCTION Grades 9, 10, 11 & 12 Prerequisites: None	North High School only Semester Course - 1/2 credit Regular
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Phases 2, 3, 4. This course is for the students interested in learning about theory and practice in backstage and house crew work, including design of ground plans and sets, lighting, makeup, props, costumes and publicity. The ability to read and analyze scripts for technical purposes is developed. The students will attend live performances (some outside of the school day) for added experience and evaluation. The class may include some hands-on technical set work. Students will be required to work on the fall music

1131-1132	BROADCASTING 1 & 2 Grades 10, 11 & 12 Prerequisites: None	Year Course - 1 credit Regular
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Broadcasting is an English class that focuses on the combined use of text, graphics, sound, animation, and video. A primary objective of this course is to teach participants how to communicate effectively through writing and oral language. It is a goal to develop multimedia programs that demonstrate research, critical thinking, written components, and created twenty-first-century multimedia materials. Students will be introduced to industry-standard tools, skills, and materials that they can manipulate as the primary means of creative expression. Students will explore basic applications of various multimedia tools to create visual, aural, and written projects in both digital and print format.

Students enrolled in Broadcasting II will experience media literacy skills and production. Through a strategic approach which promotes “hands-on” experimentation, the course will prepare students for advanced offerings within the broadcasting umbrella and also imbue within students a core set of transferable skills. Students enrolled in Broadcasting II will discover a world of emerging technologies. Students will assume ownership over individual and group audio/video projects. While digital courses help students master important content, NHS broadcasting students will participate in both individual and group project to build the skills necessary for success in career ready and college-bound students. Projects will develop higher order thinking skills, 21st-century skills, and process skills. The project process, in addition, deepens their understanding of the material and will prepare students to succeed at both academic and non-academic tasks.

1133-1134	BROADCAST MANAGEMENT 1 & 2 Grades 11 & 12 Prerequisites: 2 semesters of Broadcasting, and instructor's permission	Independent Study-North High School only Year Course - 1 credit Regular
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This course is designed to give experienced broadcasting students the opportunity to be part of a real-life radio station and television/video production experience. These students form the core of the WSHS staff and SASD-TV, being responsible for the duties any radio station would carry out during the daily course of its operation and production of video taping projects as set by the specific school. Students must handle, with maturity and responsibility, various management positions, equipment, air shifts and news duties. The course offers students a chance to develop their own programs for WSHS and SASD-TV. Students enrolled in the course complete written assignments and video-taped and radio projects, working individually and in small groups. The course includes research-based assignments, as well as instruction in effective communication skills and public speaking techniques. The course is open to junior or senior students who have successfully completed the prerequisite Broadcast 1 and 2 classes. Students in the class will gain additional insight into the world of broadcast journalism and television production, and be provided with the opportunities to explore various career opportunities in broadcast media.

Students may choose a track they wish to focus on: photography and design, writing and editing, or broadcast media. These tracks will result in a credit earned in either Tech. Education or English. Students on all tracks will meet as a group.

1135-1136 COMPOSITION FOR PUBLICATIONS

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Writing for Publication/Consent

Regular

Phases 3, 4, 5. In this course students will learn writing skills, editing, business management skills, layout design, computer applications, graphic design, video production, and photography contributing to the composition of publications. Journalism ethics are taught and implied through interviewing, reporting, writing, and editing to produce the school's yearbook and newspaper. Leadership opportunities are offered in a variety of editorial and management positions. Students may be required to attend short summer training sessions. More than one hour per day is often necessary to complete assignments and deadlines. Acceptance into course may be subject to an application process. Students must be enrolled for both semesters. Additional time commitment outside of class is expected to ensure successful publication.

North High Only: This class will be team-taught.

1155-1156 HONORS HUMANITIES 1 & 2Grade 12 **North only****North High School only**

Semester/Year Course - 1/2 or 1 credit

Prerequisites: Successful completion of

Honors

English 5 & 6 (North)

Phases 4, 5. Honors Humanities I is an undergraduate level study of the traits, categories, and functions that the humanities play in history and future of the human race. This chronological examination of the development of the performing arts, architecture, art, literature, and philosophy of civilizations begins with the ancient cultures of Sumer and Egypt and continues (at least) to the end of the Roman Empire. Special emphasis is given to literature and the visual arts of the Western world. The purpose of the course is to connect the participants to the human race across time and cultures, increase their understanding of past "great" civilizations and provide them with a myriad of opportunities to better understand themselves and the present condition of the human race. Fundamental questions regarding the human experience such as the goal of the human experience and the nature of immortality form the thematic backbone of the class. Participants will utilize and improve critical thinking, collaborative, speaking (formal and informal), writing, research and reading skills. Overall, each student will have an opportunity to become a culturally enriched, self-aware and engaged citizen of the world.

1157-1158 ADVANCED ACTING

Grades 11 & 12

North High School only

Year Course - 1 credit

Prerequisites: Completion of Intro to Theater and Acting

Honors

The study of the philosophy and practices of physical and vocal acting. The year will culminate in a public performance.

1159 INTRODUCTION TO THEATER

Grades 9, 10, 11, & 12

North High School only

Semester Course - 1/2 credit

Prerequisites: None

Regular

Students will be introduced to all aspects of the theater: acting, improvisation, theater - history, lights, sets, costumes and play analysis.

INDEPENDENT STUDY

Grades 9, 10, 11 & 12

South High School only

Semester Course - 1/2 credit

Prerequisites: Permission of instructor

Regular

Occasionally a student will request a class, which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule that student for that class.

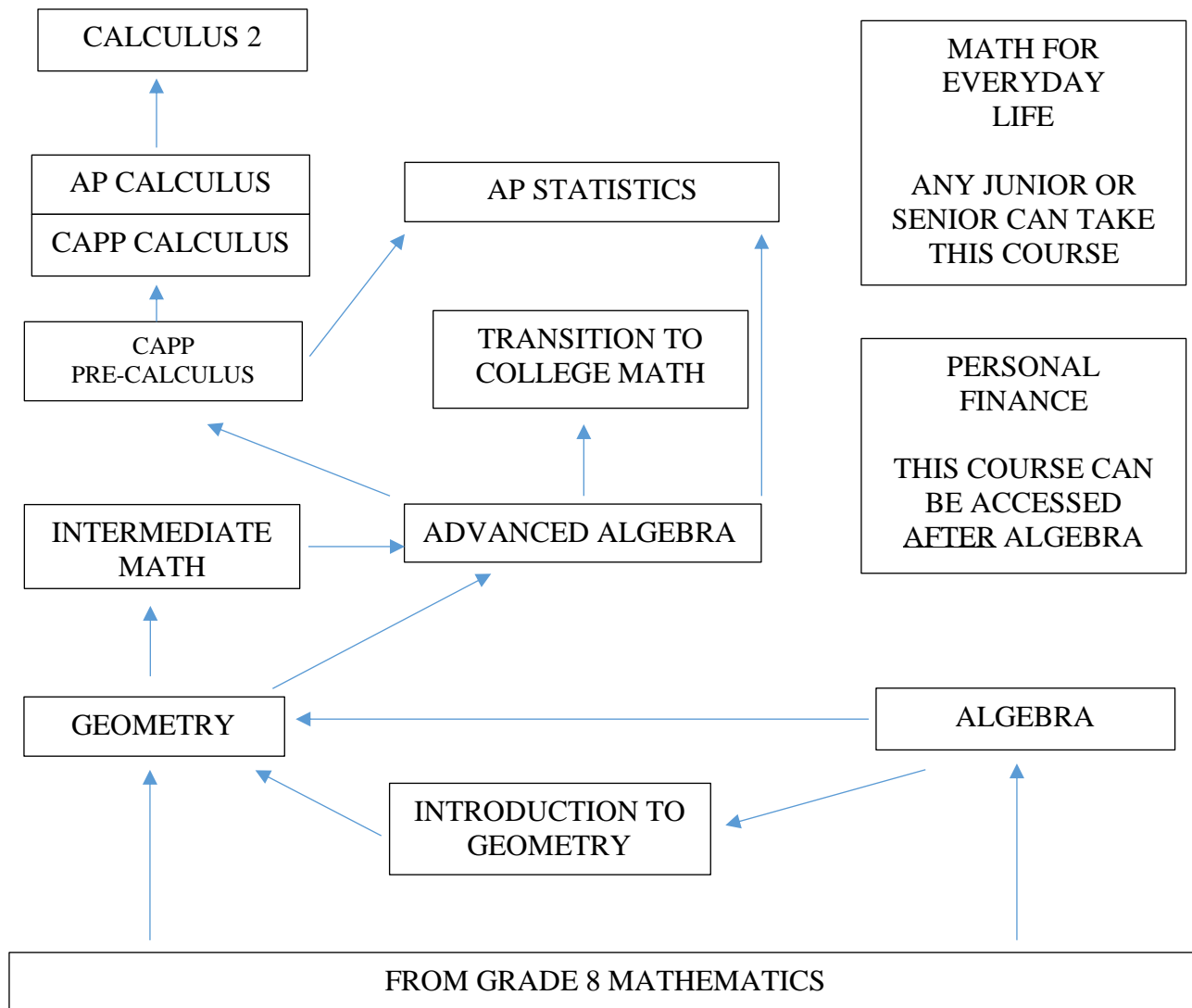
MATHEMATICS

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	Intermediate Math	R	1551-1552		X	X	X	X
Year	1	Mathematics for Everyday Life 1 & 2	B	1555-1556			X	X	
Year	1	Algebra 1 & 2	R	1563-1564	X	X	X	X	
Year	1	Geometry 1 & 2	R	1571-1572	X	X	X	X	X
Year	1	Transition to College Math 1 & 2	R	1575-1576				X	X
Year	1	Introduction to Geometry 1 & 2 (South only)	R	1577-1578		X	X	X	X
Year	1	Advanced Algebra 1 & 2	R	1581-1582	X	X	X	X	X
Year	1	AP Statistics 1 & 2 (CAAP)	H/AP	1587-1588			X	X	X
Year	1	CAPP Pre-Calculus 1 & 2	H	1591-1592		X	X	X	X
Year	1	AP Calculus 1 & 2	H/AP	1593-1594			X	X	X
Year	1	CAPP Calculus 1 & 2	H	1597-1598			X	X	X
Year	1	AP Calculus 3 & 4	H/AP	1596-1599			X	X	X
Year	1	Personal Finance	R	1617-1618			X	X	X
Year	1	Pre-Calculus 1 & 2 (South Only)	H	1640-1641		X	X	X	X
Semester	½	Independent Study	R		X	X	X	X	X
Year	1	Independent Study	R				X	X	X

Students are required to earn a minimum of three mathematics credits. At least two of the math credits must be taught by the mathematics department. The following classes count as math credits and are taught outside the math department.

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	Personal & Family Finance	R	5060		X	X	X	
Semester	½	CAPP Personal Finance	H	5681			X	X	
Year	1	Accounting 1 & 2 TC	R	5707-5708		X	X	X	
Year	1	Accounting 1 & 2 TC H	H	5637-5638		X	X	X	
Year	1	PLTW Principles of Engineering	H	6131-6132		X	X	X	X
Year	1	PLTW Civil Engineering & Architecture	H	6133-6134		X	X	X	
Year	1	Construction Trades	R	6303-6304		X	X	X	

MATHEMATICS COURSE SEQUENCE



All students will be expected to purchase a calculator.

The teachers of mathematics recommend that students take more than the minimum mathematics required for graduation. Above is a chart to indicate how a student could possibly have four years of mathematics in high school. Students who choose to merely satisfy the Board of Education requirement of three years of mathematics (*check Graduation Policy for details*) are free to choose any courses from the department provided the student has met the required prerequisite.

In the algebra-geometry-advanced algebra sequence, the department feels that a grade of "C" or better should be achieved in a prerequisite course if the student is going to be able to achieve well in the following course. Students pursuing post-secondary education are strongly encouraged to complete four years of math including Advanced Algebra. (*Check with the Counseling Center for specific math requirements.*) ACT test data results indicate that students who have completed at least Advanced Algebra prior to taking the ACT test tend to score higher. Additional classes such as Pre-Calculus, AP Calculus and AP Statistics will increase the students' chances of doing well. The ACT is one of the exams required for admittance to many colleges and is used as a predictor of student readiness to complete post-secondary level work.

1551-1552 INTERMEDIATE MATH

Grades 10, 11 & 12

Prerequisite: Algebra and Geometry

Year Course - 1 credit

Regular

This year long course is designed for students who have completed Algebra and Geometry but need additional support before attempting higher level mathematics. The first semester will focus on reviewing key topics from Algebra and Geometry. The second semester will introduce essential skills necessary for successful completion of Advanced Algebra and above. A scientific calculator is required.

1555-1556 MATHEMATICS FOR EVERYDAY LIFE 1 & 2

Grades 11 & 12

Prerequisites: None

Year Course - 1 credit

Basic

In this year-long course, students will learn to apply mathematics to things in everyday life. Some of the topics covered are: computing wages, banking, income tax, elementary statistics, computing area and volume, reading graphs, reading meters, reading tables and schedules, constructing graphs, buying a car, renting a house, comparative shopping, insurance, and understanding calculation of energy costs. Also included will be mathematics that applies to the world of work such as industrial measures, industrial formulas, and applied geometry. Recommended that students have a calculator.

1563-1564 ALGEBRA 1 & 2

Grades 9, 10, 11 & 12

Prerequisites: None

Year Course - 1 credit

Regular

Algebra is fundamental for all advanced mathematics. It is a necessity for study in the sciences and a prerequisite for college and technical education. Emphasis is placed on solving equations and related word problems. Over the years topics such as the use of variables, multiplication, addition, subtraction, and division in Algebra, slopes and lines, exponents, quadratic equations, polynomials, linear systems, and factoring are covered. A scientific calculator is required.

1571-1572 GEOMETRY 1 & 2

Grades 9, 10, 11 & 12

Prerequisites: Algebra 1 & 2

Year Course - 1 credit

Regular

This year-long course is the study of relationships between various shapes, such as lines, planes, polygons, polyhedrons, circles and spheres. Students reach conclusions by experimenting and by reasoning from given facts. Clear, logical reasoning is emphasized. A scientific calculator is required. Successful completion of Algebra 1 & 2 with a C- or better is strongly recommended.

1575-1576 TRANSITION TO COLLEGE MATH 1 & 2

Grade 12

Prerequisites: Advanced Algebra 1 & 2

Year Course - 1 credit

Regular

Transition to College Math is a fourth-year college preparatory, statistics incorporated mathematics course developed for students whose intended college program of studies does not require calculus, such as business; management; economics; the information life, health, and social sciences; and many teacher preparatory programs. It is designed to help ensure college readiness for students who have completed the sequence of algebra, geometry, and advanced algebra. A graphing/stats calculator such as a TI-83, TI-83+, TI-84 or a TI-84+ is required.

1577-1578 INTRODUCTION TO GEOMETRY 1 & 2

Grades 10, 11 & 12

Prerequisites: Algebra 1 & 2

South High School only

Year Course - 1 credit

Regular

This is a year-long course that is designed to enhance a student's Algebraic skills while giving them the foundation to succeed in Geometry. In the first semester, students will focus on basic number processes, graphing and solving equations. During the second semester, students will acquire the concepts necessary for geometry. These will include linear and angle relationships, properties of shapes, congruence, and similarity. A scientific calculator is required.

1581-1582 ADVANCED ALGEBRA 1 & 2

Grades 9, 10, 11 & 12

Prerequisites: Geometry 1 & 2

Year Course - 1 credit

Regular

This year-long course briefly reviews first year algebra concepts, and then explores more advanced topics and their many applications. These topics include functions, variation, matrices, logarithms, trigonometry, polynomials and quadratic relations. A TI-83, TI-83+, TI-84 or a TI-84+ calculator is required. Successful completion of Geometry 1 & 2 with a C- or better is strongly recommended.

1587-1588 AP STATISTICS 1 & 2

Grades 11 & 12

Prerequisites: "B" or better in Advanced Algebra 1 & 2 or consent of instructor

Year Course - 1 credit

CAPP/Honors/Advanced Placement

The purpose of this year-long course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data – Describing patterns and departures from patterns; 2. Sampling and Experimentation – Planning and conducting a study; 3. Anticipating Patterns – Exploring random phenomena using probability and simulation; 4. Statistical Inference – Estimating population parameters and testing hypotheses. **Students who successfully complete the course and examination may receive credit, advanced placement, or both, for a one-semester introductory college statistics course. See instructor for further details.** The use of a graphics calculator will be routine. A TI-83, TI-83+, TI-84 or a TI-84+ calculator is required.

1591-1592 CAPP PRE-CALCULUS 1 & 2

Grades 10, 11 & 12

Prerequisites: Advanced Algebra 1 & 2

Year Course - 1 credit

Honors

This year-long course is intended for students planning to pursue careers requiring a strong mathematical background. The course is a preparation for the study of calculus, abstract algebra, and probability. Topics covered are the study of vectors, graphing of polynomials, and detailed study of functions, trigonometry, finding roots of polynomials, polar coordinate graphing, sequences, and series. The use of a graphics calculator will be routine. A TI-83, TI-83+, TI-84 or a TI-84+ calculator is required. Students having a grade of "C" or lower in advanced algebra may not be successful in this course.

1593-1594 AP CALCULUS 1 & 2

Grade 11 & 12

Prerequisites: Pre-Calculus 1 & 2

Year Course - 1 credit

Honors/Advanced Placement

This year-long course follows the calculus AB curriculum - one semester of college calculus. It is recommended for those going on in the mathematics or science field. After a review of advanced algebra, the behavior of functions, and the study of limits, the first semester looks in detail at the derivative and its applications to instantaneous rates of change, related rates, and maximum and minimum problems. The second semester involves techniques of integration and related application problems. This course blends theory and application of calculus, including the "how's" and "why" of advanced mathematics. Students may take this course for college credit. Fee required. See instructor for further details. The use of a graphics calculator will be routine. A TI-83, TI-83+, TI-84 or a TI-84+ calculator is required. Students having a grade of "C" or lower in Pre-Calculus may not be successful in this course.

1597-1598 CAPP CALCULUS 1 & 2

Grade 11 & 12

Prerequisites: Pre-Calculus 1 & 2

Year Course - 1 credit

Honors/CAPP

This year-long course is intended for students who wish to gain a base knowledge in Calculus, but do not plan on taking the AP exam. The course will cover the same material as the AP course, but at a slower pace since time will not be spent reviewing for the AP Exam. This pace will accommodate students who need more practice reviewing prerequisite skills. It is recommended for those students going on in the mathematics or science field and want to be prepared for first semester college calculus. After a review of advanced algebra, the behavior of functions, and the study of limits, the first semester looks in detail at the derivative and its applications to instantaneous rates of change, related rates, and maximum and minimum problems. The second semester involves techniques of integration and related application problems. This course blends theory and application of calculus, including the "how's" and "why" of advanced mathematics. The use of a graphics calculator will be routine. A TI-83, TI-83+, TI-84 or a TI-84+ calculator is required.

1596-1599 AP CALCULUS 3 & 4

Grade 11 & 12

Prerequisites: Calculus 1 & 2

Year Course - 1 credit

Honors/AP

This year-long course follows the Calculus BC curriculum along with other essential concepts taught in second semester of college calculus. It is recommended for those going on in the mathematics or science field. First semester begins with a review of the derivatives, techniques of integration, and their related applications learned in Calculus 1 and 2. New methods of integration will be introduced and will continue with the study of Infinite Series, Parametric and Polar Equations, and Vectors. This course blends theory and application of calculus, including the "how's" and "why" of advanced mathematics. Students may take this course for college credit by taking the AP Calculus BC Exam. Fee required. See instructor for further details. The use of a graphics calculator will be routine. A TI-83, TI-83+, TI-84 or a TI-84+ calculator is required. Students having a grade of "C" or lower in Calculus 1 & 2 may not be successful in this course.

1617-1618 PERSONAL FINANCE

Grade 11 & 12

Prerequisites: Algebra

Year Course - 1 credit

Regular

This year long course will benefit all students regardless of whether they are planning to go to college, technical school or directly into the workforce. In the first semester students will focus on the fundamentals of economics, personal financial planning, money management strategies, and consumer purchasing and protections. The second semester will focus on banking, consumer credit, the finances of housing, stocks and mutual funds and various insurances. A scientific calculator is required.

1640-1641 PRE-CALCULUS

Grades 10, 11 & 12

Prerequisites: Advanced Algebra 1 & 2

South High School only

Year Course – 1 credit

Honors

This year-long course is intended for students planning to pursue careers requiring a strong mathematical background. The course is a preparation for the study of calculus, abstract algebra and probability. Topics covered are the study of vectors, graphing of polynomials, and detailed study of functions, trigonometry, finding roots of polynomials, polar coordinate graphing, sequences, and series. The use of a graphics calculator will be routine. A TI-83, TI-83+, TI-84 or a TI-84+ calculator is required. Students having a grade of "C" or lower in advanced algebra may not be successful in this course.

INDEPENDENT STUDY

Grades 9, 10, 11 & 12

Prerequisites: Permission of instructor

Semester Course - 1/2 credit

Regular

Occasionally a student will request a class that will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available as an independent study advisor, the student's counselor may schedule that student for that class.

INDEPENDENT STUDY

Grades 11 & 12

Prerequisites: Approval of instructor

Year Course - 1 credit

Honors

This course is open to students who have completed calculus prior to their senior year. Student will be on an independent study program with hours arranged to suit the instructor and the student. Specific details of what topics are to be studied need to be approved by the instructor. Methods of evaluation will include conferences, tests, and possibly written reports. **Independent Study Honors credit will only be awarded to students who have completed the highest advanced level course in the subject area of the independent study.**

Students are required to earn a minimum of three math credits. At least two of the math credits must be taught by the mathematics department. The following classes count as math credits and are taught outside the math department.

5060 PERSONAL AND FAMILY FINANCE

Grades 10, 11 & 12
Prerequisites: None

Semester Course - 1/2 credit
Regular

This course meets the Wisconsin Model Academic Standards for Personal Financial Literacy. Imagine your financial future in a new light! In the 21st century, money management is a basic skill – a key to survival for individuals, families and communities. High school students face many complex choices about financing higher education, obtaining a job, managing credit, avoiding debt, and securing insurance, banking, investing, developing a spending and saving plan, and living on your own. Students will learn how to implement simple saving habits, which can help create security and establish sound financial habits.

This Family and Consumer Science curriculum, supported by Take Charge America Institute at the University of Arizona. The course also includes real world scenarios, guest speakers and projects to help students become an informed consumer.

5681 CAPP/PERSONAL FINANCE

Grades 11 & 12
Prerequisites: None

Semester Course 1/2 credit
Honors

Students will study the major financial decisions encountered by individuals. Topics include: budgeting, use of credit, automobile and consumer durables, insurance, the housing decision, taxes, retirement planning, estate transfer and investments. Each subject is analyzed within the context of a comprehensive framework of personal financial planning.

This course is transcribed with UW-Oshkosh for college credit. Students may participate in this at their discretion. This course is also a 1/2 math equivalency credit.

5707-5708 ACCOUNTING 1 & 2 TC

Grades 10, 11 & 12
Prerequisites: None

South High School only
Year Course - 1 credit
Regular

Have you ever wondered how a business keeps track of its money? Ever wonder how a business actually makes money? If you have thought of these questions, then this class is for you. Accountants help businesses keep financial records and then share that information with managers and owners. There are many more aspects to the accounting career, but this course will focus on the basics. Students will learn the principles and theories of accounting. In addition, students will learn the accounting cycle and how to maintain financial records for the business. The main focus will be on analyzing business transactions/activity, preparing financial statements, and completing the accounting cycle. Students will learn these skills using the traditional paper based method. As student understanding progresses, automated accounting software and/or spreadsheet applications will be used for data entry. This is a must class for anyone considering a college degree in business.

5637-5638 ACCOUNTING 1 & 2 TC H

Grades 10, 11 & 12
Prerequisites: None

Year Course - 1 credit
Honors

Students will learn the principles and theories of accounting. In addition, students will learn the accounting cycle and how to maintain financial records for the business. The main focus will be on analyzing business transactions/activity, preparing financial statements, and completing the accounting cycle. As student understanding progresses, automated accounting software and/or spreadsheet application will be used for data entry. This is a must class for anyone considering a college degree to business.

In choosing to complete the course for honors, students will complete automated (computerized) accounting tasks and additional **unit assessments to better replicate office environments.**

Students may take this course for honors credit. It also provides transcribed credit through Lakeshore Technical College. This course also counts as a math credit.

6131-6132 PLTW - PRINCIPLES OF ENGINEERING®

Grades 10, 11 & 12
Prerequisites: PLTW - Introduction To Engineering Design®

Year Course - 1 credit
Honors

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. **(PLTW college credit possible).**

6133-6134 PLTW – CIVIL ENGINEERING & ARCHITECTURE®

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: None

Honors

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. **(PLTW college credit possible)**

6303-6304 CONSTRUCTION TRADES

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: None

Regular

This course will provide students the opportunity to explore the construction trades in a classroom and lab environment. Technical skills and related theories associated with residential construction will be developed through hands on project-based learning. Construction activities include, but are not limited to the following: safety procedures, building layout, rough construction, finish carpentry, applied mathematics, and career opportunities. Safety glasses are required.

MUSIC DEPARTMENT – NORTH HIGH SCHOOL

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	Concert Band	R	3551-3552		X	X	X	X
Year	1	Symphonic Band	R	3553-3554		X	X	X	X
Year	1	Symphonic Band	H	3555-3556			X	X	X
Year	1	Jazz Ensemble	R	3557-3558		X	X	X	X
Year	1	Jazz Ensemble	H	3559-3560			X	X	X
Year	1	Raider Band	R	3561-3562	X	X			X
Year	1	Concert Band	H	3565-3566			X	X	X
Year	1	Raider Orchestra	R	3567-3568	X	X	X	X	X
Year	1	Concert Orchestra	R	3571-3572	X	X	X	X	X
Year	1	Concert Orchestra	H	3573-3574			X	X	X
Year	1	Mixed Choir	R	3583-3584	X	X	X	X	
Year	1	Treble Choir	R	3593-3594	X	X	X	X	X
Year	1	Concert Choir	R	3601-3602		X	X	X	X
Year	1	Concert Choir	H	3603-3604			X	X	X
Year	1	Northern Lights	R	3621-3622		X	X	X	X
Year	1	Northern Lights	H	3623-3624			X	X	X
Year	1	Raider Band & Mixed Choir	R	3629-3630	X	X			X
Semester	½	Piano Lab	R	3700	X	X	X	X	
Sem.	1/2	Independent Study	R		X	X	X	X	X
Sem.	1/2	Independent Study	H				X	X	X

3551-3552 CONCERT BAND

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Successful completion of Raider Band or permission of high school band director or approval of high school orchestra director

Band or permission of high school band director or approval of high school orchestra director

Major attention is given to the study, preparation, and performance of a variety of band literature with an approximate difficulty level of “WSMA Class B.” Members of the concert band are encouraged to participate in district solo and ensemble festival. Students are required to participate in lessons, in all formal concerts scheduled during the year, the Homecoming field show, scheduled football and basketball pep bands, the North/South basketball game, Holiday Parade, Memorial Day Parade and graduation. **Due to the cooperative nature of the course, students are required to sign up for the entire year. Any exceptions to that must be approved by the director in advance of the start of the class.**

Cost: Fee for uniform cleaning and \$30.00 per year for rental of instrument unless the student owns his/her instrument.

3553-3554 SYMPHONIC BAND

Grades 10, 11 & 12

Prerequisites: Successful completion of Concert Band and instructor approval

Year Course - 1 credit

Regular

Symphonic Band exists to meet the higher needs of more experienced musicians, and performs literature with an approximate difficulty level of “WSMA Class A” or harder. Membership is by audition only and open to students in grades 10, 11, or 12. Members of the Symphonic Band participate in district solo and ensemble festival. Students are required to participate in lessons, in all formal concerts scheduled during the year, the Homecoming field show, scheduled football and basketball pep bands, the North/South basketball game, Holiday Parade, Memorial Day Parade and graduation. **Due to the cooperative nature of the course, students are required to sign up for the entire year. Any exceptions to that must be approved by the director in advance of the start of the class.**

Cost: Fee for uniform cleaning and \$30.00 per year for rental of instrument unless the student owns his/her instrument.

3555-3556 SYMPHONIC BAND

Grades 11 & 12

Prerequisites: Instructor approval required

Year Course - 1 credit

Honors

In addition to the regular requirements of Symphonic Band, students participating in the honors level of this group are expected to participate in private lessons, either at school or in the community. In addition, honor level students are expected to choose and complete two major projects each semester from several options including theory, arranging, composing, musical research, mentoring, and performing/practicing with director approved ensemble. Due to the cooperative nature of the course, students are required to sign up for the entire year. Any exceptions to that must be approved by the director in advance of the start of the class.

Cost: Fee for uniform cleaning and \$30.00 per year for rental of instrument unless the student owns his/her instrument.

3557-3558 JAZZ ENSEMBLE

Grades 10, 11 & 12

Prerequisites: Must be simultaneously enrolled in Concert Band, Symphonic Band, or Orchestra; an audition is required; enrolled by permission of high school instructor only

Year Course – 1 credit

Regular

The Jazz Ensemble is a select group of musicians chosen to study and perform a wide variety of literature from the jazz idiom. Attention will be given to improve each student’s ability to read chord changes and improvise. Membership in this group is by audition only. Students are required to participate in all formal concerts scheduled during the school year, district solo and ensemble, and additional community performances.

3559-3560 JAZZ ENSEMBLE

Grades 11 & 12

Prerequisites: Must be simultaneously enrolled in Concert Band, Symphonic Band, or Orchestra; an audition is required; enrolled by permission of high school instructor only

Year Course – 1 credit

Honors

Honors Ensemble is offered for the upperclassman jazz musician who desires an extra challenge. Additional work and combo playing will be required for honor's credit. An audition is required for membership.

3561-3562 RAIDER BAND

Grades 9 & 10

Year Course - 1 credit

Prerequisites: Middle school band experience
or approval of high school band director

Regular

Raider Band is the “entry-level” ensemble and performs literature with an approximate difficulty level of “WSMA Class C” or harder. Membership consists of mainly freshmen and students are required to have fundamental performing skills or permission of the director. Members of the Raider Band are encouraged to participate in district solo and ensemble festival. Students are required to participate in lessons, in all formal concerts scheduled during the year, the Homecoming field show, scheduled football and basketball pep bands, the North/South basketball game, Holiday Parade, Memorial Day Parade and graduation. **Due to the cooperative nature of the course, students are required to sign up for the entire year. Any exceptions to that must be approved by the director in advance of the start of the class.**

Cost: \$10.00 for uniform cleaning and \$30.00 per year for rental of instrument unless the student owns his/her instrument.

3565-3566 CONCERT BAND

Grades 11 & 12

Year Course - 1 credit

Prerequisites: Successful completion of
Concert Band - Regular Credit

Honors

In addition to the regular requirements of Concert Band, students participating in the honors level of this group are expected to participate in private lessons, either at school or in the community. In addition, honor level students are expected to choose and complete two major projects each semester from several options including theory, arranging, composing, musical research, mentoring, and performing/practicing with director approved ensemble. **Due to the cooperative nature of the course, students are required to sign up for the entire year. Any exceptions to that must be approved by the director in advance of the start of the class.**

Cost: \$10.00 for uniform cleaning and \$30.00 per year for rental of instrument unless the student owns his/her instrument.

3567-3568 RAIDER ORCHESTRA

Grades 9, 10, 11 & 12

Year Course - 1 credit

Prerequisites: Previous experience playing an
orchestral stringed instrument in elementary and
middle school orchestras or approval of high school director

Regular

This group is organized for freshmen through seniors who will study, prepare and perform a variety of orchestral literature with approximate difficulty levels of class “C” and “B” according to the WSMA Music Festival List. Students will develop fundamental orchestral playing, listening and music reading skills and will attend individual/small group lessons unless they study with a private instructor outside of school.

Performances are scheduled throughout the school year and student attendance and participation is required. Members of the Raider Orchestra will be encouraged to participate in the annual district solo/ensemble music festival.

Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director.

Cost: \$30.00 per year for instrument rental unless the student owns his/her own instrument.

3571-3572 CONCERT ORCHESTRA

Grades 9, 10, 11 & 12

Prerequisites:

By audition and/or approval of instructor

Year Course - 1 credit

Regular

This group exists to serve the higher musical needs of more experienced musicians who will study, prepare and perform a variety of orchestral literature with an approximate difficulty level of class "A" according to the WSMA Music Festival List. Students will refine and continue to develop advanced orchestral playing, listening and music reading skills and will attend individual/small group lessons unless they study with a private instructor outside of school. Performances are scheduled throughout the school year and student attendance and participation is required. Members of the Concert Orchestra will be encouraged to participate in the annual district solo/ensemble music festival.

Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director.

Cost: \$30.00 per year for instrument rental unless the student owns his/her own instrument.

3573-3574 CONCERT ORCHESTRA

Grades 11 & 12

Prerequisites: Approval of the instructor

Year Course - 1 credit

Honors

Honors Concert Orchestra is offered to students who wish to earn honors credit for their participation in orchestra. Students will meet at the same time as Concert Orchestra and will be expected to meet all of the requirements outlined in the above description for Concert Orchestra, but will have additional expectations. Students will be required to complete an additional review of a fine arts event and two major semester projects, approved in advance by the instructor. Students who enroll in Honors Concert Orchestra are expected to contribute superior musical support and leadership to the orchestra.

Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director.

Cost: \$30.00 per year for instrument rental unless the student owns his/her own instrument.

3583-3584 MIXED CHOIR

Grades 9, 10, 11 & 12

Prerequisites: None

Year Course - 1 credit

Regular

This choir is recommended for students who have not been involved in vocal music previously at the high school level. Students will develop fundamental vocal techniques and music reading skills and will perform a variety of choral literature with approximate difficulty of WSMA (Wisconsin School Music Association) Class C and B. **Members of this choir will be required to perform in a minimum of two concerts for the year.** There may be other choral events in which students perform. Students will be encouraged to participate in district solo and ensemble music festivals. **Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.**

3593-3594 TREBLE CHOIR

Grades 9, 10, 11 & 12

Prerequisites: **Audition required**

Year Course - 1 credit

Regular

This is a select choir for treble voices of advanced musical ability. Students will develop fundamental vocal techniques and music reading skills and will perform a variety of choral literature with approximate difficulty of WSMA (Wisconsin School Music Association) Class B. **Members of this choir will be required to perform in a minimum of two concerts for the year.** There may be other choral events in which students perform. Students will be encouraged to participate in district solo and ensemble music festivals and other choral opportunities. **Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.**

3601-3602 CONCERT CHOIR

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: **Audition required**; enrollment only with permission of instructor

Regular

This choir of mixed voices, selected by audition, studies and performs a wide variety of choral literature of a difficulty level of WSMA (Wisconsin School Music Association Class A. High standards of performances will be maintained. In addition to regular school concerts, this group performs in special programs as opportunities present themselves both in the community and in other cities. Possible exchange programs with choirs from other cities and tours to other cities and schools will be part of the students' experience. Participation in music festivals is encouraged. **Students will be expected to attend all scheduled performances. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.**

3603-3604 CONCERT CHOIR

Grades 11 & 12

Year Course - 1 credit

Prerequisites: **Audition required**; enrollment only with permission of instructor

Honors

This choir will meet as part of the Concert Choir, with the student in the "Honors" portion completing additional criteria. Two major projects, approved in advance by the instructor, must be completed each semester. The instructor will provide a list of projects to choose from as well as examples of appropriate journal entries. "Honors" students are strongly encouraged to take private voice lessons as one of their honors projects. **Students will be expected to attend all scheduled performances. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.**

3621-3622 NORTHERN LIGHTS

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: **Audition required**; simultaneous enrollment in Concert Choir, Concert Orchestra, or Symphonic or Concert Band is required

Regular

Northern Lights is a premier Performing vocal ensemble of 16-22 auditioned singers. Class A literature in musical genres of madrigal, swing choir and vocal jazz is studied and performed. Singers will develop proficient sight-reading ability and good tone production. Choreography is added to several selections each semester. Students are required to participate in all formal concerts, about 30 – 40 per year. Performances are held in the Sheboygan area as well as other U.S. cities. **Participation in music festival is required. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.**

3623-3624 NORTHERN LIGHTS

Grades 11 & 12

Year Course - 1 credit

Prerequisites: **Audition required**; simultaneous enrollment in Concert Choir, Concert Orchestra, or Symphonic or Concert Band is required

Honors

This class meets as part of Northern Lights. In addition, students must complete two major projects approved by the instructor. The instructor will provide a list of projects to choose from as well as examples of appropriate journal entries. "Honors" students are strongly encouraged to take private voice lessons as one of their honors projects. **Students will be expected to attend all scheduled performances. Participation in music festival is required.**

Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.

3629-3630 RAIDER BAND AND MIXED CHOIR

Grades 9 & 10

Year Course - 1 credit

Prerequisites: Middle school band experience
or approval of high school band director

Regular

This class is for students who would like to play in band and sing in choir. Students would be part of the regular Raider Band Class and the Mixed Choir Class. Students would be in each class approximately 50% of the time. Both classes are held within one class period

As part of choir students will develop fundamental vocal techniques and music reading skills and will perform a variety of choral literature with approximate difficulty of WSMA (Wisconsin School Music Association) Class C and B. **Members of this choir will be required to perform in a minimum of two concerts for the year.** There may be other choral events in which students perform. Students will be encouraged to participate in district solo and ensemble music festivals. **Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.**

Raider Band is the “entry-level” ensemble and performs literature with an approximate difficulty level of “WSMA Class C” or harder. Membership consists of mainly freshmen and students are required to have fundamental performing skills or permission of the director. Members of the Raider Band are encouraged to participate in district solo and ensemble festival. Students are required to participate in lessons, in all formal concerts scheduled during the year, the Homecoming field show, scheduled football and basketball pep bands, the North/South basketball game, Holiday Parade, Memorial Day Parade and graduation. **Due to the cooperative nature of the course, students are required to sign up for the entire year. Any exceptions to that must be approved by the director in advance of the start of the class.**

Cost: Fee for uniform cleaning and \$30.00 per year for rental of instrument unless the student owns his/her instrument.

3700 PIANO LAB

9, 10, 11, & 12

Semester Course -1/2 credit

Prerequisites: None

Regular

The Piano Lab Class serves students who would like to learn more about music through the instrument of the piano.

Students will: (1) learn to play the piano with proper technique, (2) gain music reading skills through the understanding and use of music notation, (3) analyze and describe music being practiced, (4) evaluate their performance and the performance of others.

Students will be expected to purchase piano materials for their use. (Cost will be \$18- \$20 for materials.) Students will work individually at their own pace within the class.

Any student at North High may take the class for 1 or 2 semesters. Since students will work at their own pace, all beginning levels can be accommodated within the class period. Students who have taken 3 or more years of piano lessons from a private teacher will need approval of the instructor.

INDEPENDENT STUDY

Grades 9, 10, 11 & 12

Semester Course - 1/2 credit

Prerequisites: Permission of instructor

Regular

Occasionally a student will request a class, which is not offered within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule the student for that class.

INDEPENDENT STUDY

Grades 11 & 12

Semester Course - 1/2 credit

Prerequisites: Permission of instructor

Honors

Honors independent study is a program in which an extremely well-motivated student can set up a search for advanced knowledge beyond the level of the course offerings. The student must be willing to pursue a topic in-depth, assess his/her own capacity for self-directed learning, express him/herself creatively, improve his/her ability, and develop self-discipline and self-reliance. Originality is an integral part of this program. **Independent Study honors credit will only be awarded to students who have completed the highest advanced level courses in the subject area of the independent.**

MUSIC DEPARTMENT - SOUTH HIGH SCHOOL

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	Concert Band	R	3551-3552		X	X	X	X
Year	1	Symphonic Band	R	3553-3554		X	X	X	X
Year	1	Symphonic Band	H	3555-3556			X	X	X
Year	½	Jazz Ensemble	R	3557-3558	X	X	X	X	X
Year	½	Jazz Ensemble	H	3559-3560			X	X	X
Year	1	Redwing Band	R	3563-3564	X				X
Year	1	Concert Orchestra	R	3571-3572	X	X	X	X	X
Year	1	Chamber Orchestra	R	3575-3576	X	X	X	X	X
Year	1	Chamber Orchestra	H	3577-3578			X	X	X
Year	1	Mixed Choir	R	3581-3582	X	X	X	X	
Year	1	Treble Choir	R	3591-3592	X	X	X	X	X
Year	1	Concert Choir	R	3601-3602		X	X	X	X
Year	1	Concert Choir	H	3603-3604			X	X	X
Year	1	South High Singers	R	3611-3612		X	X	X	X
Year	1	South High Singers	H	3613-3614			X	X	X
Semester	½	Independent Study	R		X	X	X	X	X
Semester	1/2	Independent Study	H				X	X	X

3551-3552 CONCERT BAND

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Successful completion of Redwing Band or instructor approval

Regular

This group is organized for students playing music of WSMA class "B" or higher in difficulty. Performance will depend upon the size and instrumentation of the group. Placement is determined by audition for the director of this organization. Members of the Concert Band participate in the district solo and ensemble festival held each year and to participate in the pep band. Students are required to participate in lessons, in all formal concerts scheduled during the school year, as well as the Homecoming half-time show, scheduled football and basketball pep bands, the North/South basketball game, the Holiday Parade, the Memorial Day parade and Graduation. **Cost: \$15.00 for uniform cleaning and \$30.00 per year rental of instrument unless the student owns his/her instrument.**

3553-3554 SYMPHONIC BAND

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Successful completion of Concert Band. Instructor approval required.

Regular

This group is organized to meet the higher needs of more experienced musicians and for students playing music of WSMA class "A" in difficulty. Members of the Symphonic Band participate in the district solo and ensemble festival held each year, and to participate in pep band. Students are required to participate in lessons, in all formal concerts scheduled during the school year, as well as the Homecoming half-time show, scheduled football and basketball pep bands, the North/South basketball game, the Holiday Parade, the Memorial Day parade, and Graduation. Students may be requested for additional community and school performances. **Cost: \$15.00 for uniform cleaning and \$30.00 per year rental of instrument unless the student owns his/her instrument.**

3555-3556 SYMPHONIC BAND

Grades 11 & 12

Year Course - 1 credit

Prerequisites: Successful completion of Concert Band. Instructor approval required.

Honors

In addition to the regular requirements of Symphonic Band, the students participating in the honors level of this group are expected to choose a two semester projects from several options including theory, arranging, composing, musical research, student mentoring, and practicing/performing with a director approved ensemble. **Cost: \$15.00 for uniform cleaning and \$30.00 per year rental of instrument unless the student owns his/her instrument.**

3557-3558 JAZZ ENSEMBLE

Grades 9, 10, 11, & 12

Year Course - 1/2 credit

Prerequisites: Audition required and must be simultaneously enrolled in Symphonic, Concert, or Redwing Band

Regular

This group is organized for students playing music of class "B" to "A" in difficulty. Jazz Ensemble I. is a select group of musicians chosen to study and perform a wide variety of literatures from the jazz idiom. Attention will also be given to improve each student's ability to read chord changes and improvise. Students are required to participate in all formal concerts scheduled during the school year and additional community performances. The class will be held during Zero Hour every Monday and Thursday and scheduled Wednesdays by the instructor.

3559-3560 JAZZ ENSEMBLE

Grades 11 & 12

Year Course - 1/2 credit

Prerequisites: Audition required and must be simultaneously enrolled in Symphonic, Concert, or Redwing Band

Honors

In to the regular requirement of Jazz Ensemble, honor level students are expected to choose a semester project from several options including theory, arranging, composing, musical research, student mentoring and practicing/ performing with a director approved ensemble.

3563-3564 REDWING BAND

Grade 9

Year Course - 1 credit

Prerequisites: Student must have previous experience playing an instrument suitable to use in band

Regular

This group is organized for freshmen students playing music of WSMA class "C" or higher in difficulty. Performance will depend upon the size and instrumentation of the group. Members of the Redwing Band participate in the district solo and ensemble festival held each year and to participate in the pep band. Students are required to participate in lessons, in all formal concerts scheduled during the school year, as well as the Homecoming half-time show, scheduled football and basketball pep bands, the North/South basketball game, the Holiday Parade, the Memorial Day parade and Graduation. **Cost: \$15.00 for uniform cleaning and \$30.00 per year rental of instrument unless the student owns his/her instrument.**

3571-3572 CONCERT ORCHESTRA

Grades 9, 10, 11 & 12

Year Course - 1 credit

Prerequisites: Previous experience playing an orchestral instrument in elementary and middle school orchestras

Regular

This group is organized for freshmen through seniors playing music of class "C" to "B" in difficulty on the WSMA Contest List. The class will develop fundamental orchestral playing and listening techniques and emphasize music reading skills. Students are required to participate in all formal concerts and tours scheduled during the year. Orchestra is a yearlong course. All students must sign up for the entire year. Any exceptions must be approved by the instructor.

Cost: \$10.00 supply fee and \$30.00 per year rental of instrument unless the student owns his/her instrument.

3575-3576 CHAMBER ORCHESTRA

Grades 9, 10, 11 & 12

Year Course - 1 credit

Prerequisites: Successful completion of Concert Orchestra or permission of the high school orchestra director (Advanced Freshmen through Senior audition approval)

Regular

Chamber Orchestra is open to freshmen through seniors playing music of ensemble class "A" difficulty level. Any Orchestra student having advanced skills may audition for Chamber Orchestra. Membership in Chamber Orchestra requires an audition and director approval. Students refine and further develop an understanding of more advanced techniques of string playing. Literature is selected to reinforce skills learned in Concert Orchestra and to introduce and develop new skills at a level appropriate for all players. Students are required to participate in all formal concerts and tours scheduled during the year. Orchestra is a yearlong course. All students must sign up for the entire year. Any exceptions must be approved by the instructor.

Cost: \$10.00 supply fee and \$30.00 per year rental of instrument unless the student owns his/her instrument.

3577-3578 CHAMBER ORCHESTRA

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Approval of instructor required

Honors

This is a select group of students playing music of class "A" difficulty level. Honors students must meet additional requirements such as completing 2 major projects each semester, to be approved in advance by the instructor, and fulfilling assigned leadership roles in the orchestra. Students who enroll in Honors Orchestra are expected to contribute superior musical support and leadership to the orchestra. Students are required to participate in all formal concerts and tours scheduled during the year. Orchestra is a yearlong course. All students must sign up for the entire year. Any exceptions must be approved by the instructor.

Cost: \$10.00 supply fee and \$30.00 per year rental of instrument unless the student owns his/her instrument.

3581-3582 MIXED CHOIR

Grades 9, 10, 11 & 12

Year Course - 1 credit

Prerequisites: None

Regular

This choir is recommended for students who have not been involved in vocal music previously at the high school level. Students will develop fundamental vocal techniques and music reading skills and will perform a variety of choral literature with approximate difficulty of WSMA (Wisconsin School Music Association) Class C and B. Members of this choir will be required to perform in a minimum of two concerts for the year. There may be other choral events in which students perform. Students will be encouraged to participate in district solo and ensemble music festivals. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.

3591-3592 TREBLE CHOIR

Grades 9, 10, 11 & 12

Year Course - 1 credit

Prerequisites: Audition required

Regular

This is a select choir for treble voices of advanced musical ability. Students will develop fundamental vocal techniques and music reading skills and will perform a variety of choral literature with approximate difficulty of WSMA (Wisconsin School Music Association) Class B. Members of this choir will be required to perform in a minimum of two concerts for the year. There may be other choral events in which students perform. Students will be encouraged to participate in district solo and ensemble music festivals and other choral opportunities. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.

3601-3602 CONCERT CHOIR

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Audition required

Regular

This choir of mixed voices, selected by audition, studies and performs a wide variety of choral literature of a difficulty level of WSMA (Wisconsin School Music Association) Class A. High standards of performances will be maintained. In addition to regular school concerts, this group performs in special programs as opportunities present themselves both in the community and in other cities. Possible exchange programs with choirs from other cities and tours to other cities and schools will be part of the students' experience. Participation in music festivals is encouraged. Students will be expected to attend all scheduled performances. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.

3603-3604 CONCERT CHOIR

Grades 11 & 12

Year Course - 1 credit

Prerequisites: Audition required; enrollment only with permission of instructor

Honors

This choir will meet as part of the Concert Choir, with the student in the "Honors" portion completing additional criteria. Two major projects, approved in advance by the instructor, must be completed each semester. The instructor will provide a list of projects to choose from as well as examples of appropriate journal entries. "Honors" students are strongly encouraged to take private voice lessons as one of their honors projects. Students will be expected to attend all scheduled performances. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.

3611-3612 SOUTH HIGH SINGERS

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: Audition required, simultaneous enrollment in Concert Choir is required

Regular

South High Singers is a premier performing vocal ensemble of 16 – 22 auditioned singers. Class A literature in musical genres of madrigal, swing choir and vocal jazz is studied and performed. Singers will develop proficient sight-reading ability and good tone production. Choreography is added to several selections each semester. Students are required to participate in all formal concerts. Performances are held in the Sheboygan area as well as other U.S. cities. Participation in music festival is required. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.

3613-3614 SOUTH HIGH SINGERS

Grades 11 & 12

Year Course - 1 credit

Prerequisites: Audition required, simultaneous enrollment in Concert Choir is required

Honors

This class meets as part of South High Singers. In addition, students must complete two major projects approved by the instructor. The instructor will provide a list of projects to choose from as well as examples of appropriate journal entries. "Honors" students are strongly encouraged to take private voice lessons as one of their honors projects. Students will be expected to attend all scheduled performances. Participation in music festival is required. Due to the cooperative learning environment, students must sign up for the entire school year. Any exceptions to that must be approved by the director in advance of the start of the class.

INDEPENDENT STUDY

Grades 9, 10, 11 & 12

Semester Course - 1/2 credit

Prerequisites: Permission of instructor

Regular

Occasionally a student will request a class, which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule that student for that class.

INDEPENDENT STUDY

Grades 11 & 12

Semester Course - 1/2 credit

Prerequisites: Permission of instructor

Honors

Honors independent study is a program in which an extremely well-motivated student can set up a search for advanced knowledge beyond the level of the course offerings. The student must be willing to pursue a topic in-depth, assess his/her own capacity for self-directed learning, express him/herself creatively, improve his/her ability, and develop self-discipline and self-reliance. Originality is an integral part of this program. **Independent Study honors credit will only be awarded to students who have completed the highest advanced level courses in the subject area of the independent study.**

**NORTH & SOUTH HIGH SCHOOL
Concert/Performance Policy**

It is the policy of the Sheboygan Area School District that students will participate in all scheduled performances of all music organizations. Exceptions to this policy are illness, religious objection, or a death in the family. Students not attending performances for one of these reasons will be expected to notify their instructor in advance of the performance.

PHYSICAL EDUCATION – NORTH HIGH SCHOOL

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	Blended Physical Education	R	3087			X	X	X
Semester	½	Fitness Foundations (North only)	R	3092	X				
Semester	½	Intramurals (North only)	R	3102		X	X	X	X
Semester	½	Lifetime Activities (North only)	R	3112			X	X	X
Semester	½	Recreation Games (North only)	R	3130			X	X	X
Sem/Yr	½	Lifetime Fitness	R	3138	X	X	X	X	X
Sem/Yr	½	Raider Strength 1 & 2 (North only)	R	3145-3146	X	X	X	X	X
Semester	1/2	Individualized Physical Education	R	3149	X	X	X	X	X
Semester	½	Coaching/Training & Officiating	R	3191			X	X	X
Semester	½	Lifeguard Training	H	3195		X	X	X	X
Semester	½	Independent Study (North only)	R				X	X	X
Year	1	Specially Designed Physical Education	B	6917-6918	X	X	X	X	X
Semester	None	Lifeguarding Aide		9151-9152			X	X	X

3087 BLENDED PHYSICAL EDUCATION

Grades 11 & 12

Semester Course - 1/2 credit

Prerequisites: Completed 1 credit towards

Regular

PE Graduation Requirement (MAX CLASS SIZE

36 due to equipment availability

Blended Physical Education is a semester long course which can be taken Junior or Senior year in place of the students traditional Junior/Senior level PE Course. This class includes both face-to-face classroom time and online components for data collection and assessments. Students will be given an activity tracker to track daily activity during the semester. Students should be comfortable working with technology and learning independently in an on-line environment. Students would need to be available to schedule a time to meet with the instructor every few weeks to complete assessments or check-in. The blended learning environment gives students the opportunity to complete their last .5 credits of PE outside of the traditional school day to allow for them to take other courses during the school day.

****Fitness concepts, goal setting and fitness assessments will be a part of the course if taking it to meet graduation requirements.**

3092 FITNESS FOUNDATIONS

Grade 9

North High School only

Semester Course - 1/2 credit

Prerequisites: None

Regular

This mandatory course will introduce students to baseline knowledge and skills needed for all subsequent Physical Education Classes. Instruction will consist of a variety of individual and team oriented activities. Daily activities will incorporate the five components of health-related fitness.

****Fitness concepts, goal setting and fitness assessments will be a part of the course if taking it to meet graduation requirements.**

A \$5.00 fee is required for this course.

3102 INTRAMURALS **North High School only**
 Grades 10, 11 & 12 Semester Course - 1/2 credit
 Prerequisites: Pass Fitness Foundations Regular

This course is designed for the competitive student interested in team sport competition. Students will participate in a variety of team sports to develop an understanding of sport specific skills, strategies, and rules while improving their personal fitness levels.

****Fitness concepts, goal setting and fitness assessments will be a part of the course if taking it to meet graduation requirements.**

A \$5.00 fee is required for this course.

3112 INDIVIDUAL ACTIVITES **North High School only**
 Grades 11 & 12 Semester Course – 1/2 credit
 Prerequisites: Pass Fitness Foundations Regular

This course explores personal fitness and wellness as a healthy, lifelong practice. Students will engage in all components of health-related fitness, while participating in activities appropriate at any age. Example activities would be Tennis, Snowshoeing, Volleyball, Rollerblading, Raider Strength, Swimming (Water Aerobics, Lap swims, Snorkeling) Group Fitness Activities (Yoga, Zumba, Kickboxing, Boot Camp, Pound), etc.

****Fitness concepts, goal setting and fitness assessments will be a part of the course if taking it to meet graduation requirements.**

A \$5.00 fee is required for this course.

3130 RECREATION GAMES **North High School only**
 Grades 11 & 12 Semester Course - 1/2 credit
 Prerequisites: Completed 1.0 credits towards PE Graduation Requirement. THIS COURSE DOES NOT FULFILL GRADUATION REQUIREMENT Regular

This course will provide students with the opportunity to participate in a highly competitive situation. There will be a decreased emphasis on drills, and an increased emphasis on competition. Activities may include, but will not be limited to: tennis, badminton, softball, bowling, volleyball, basketball, soccer, flag football, team handball, speedball, and rec. games. This class cannot be used to make-up a failure which occurred during 9th, 10th, or 11th grade physical education.

A \$5.00 fee is required for this course.

3138 LIFETIME FITNESS
Grades 9, 10, 11 & 12 Semester/Year Course - 1/2 or 1 credit
 Prerequisites: The student must have successfully completed, or currently be enrolled in the 1 1/2 credits required for graduation. Regular

This class is geared toward the average student who is looking at being able to create and work an individual lifetime fitness plan. Class activities will vary depending on individual fitness goals. The class will include instruction, programming, and participation in weight training, cardio fitness, nutrition, alternative exercises, stress reduction, and weight management. Most activities are individual based however team sports will be done periodically throughout the semester.

3145-3146 RAIDER STRENGTH 1 & 2

Grades 9, 10, 11 & 12

Prerequisites: None-for Raider Strength 1

Prerequisites: Pass Fitness Foundations and Pass Raider Strength 1

North High School only

Semester/Year Course - 1/2 credit or 1 credit

Regular

Raider Strength 1 - This course will introduce students to the Raider Strength Program. Emphasis will be placed on proper weightlifting and conditioning techniques, spotting, weight room safety, and training principles. With this knowledge students will learn how to develop their personal Raider Strength plan, monitor their progress, and evaluate their growth.

A \$5.00 fee is required for this course. (ONE TIME PER SCHOOL YEAR if enrolled in two semesters of Raider Strength only one fee will be collected.)

****Fitness concepts, goal setting and fitness assessments will be a part of the course if taking it to meet graduation requirements.**

Raider Strength 2 – This is an advanced level of Raider Strength and is recommended for those highly motivated students who have successfully completed RAIDER STRENGTH 1. This course will provide students with the opportunity to experience an intense daily weight training and conditioning program. Students will continue their Raider Strength plan, monitor their progress, and evaluate their growth.

If Raider Strength 1 was taken as an elective credit then Raider Strength 2 may be taken twice for graduation credit.

****Fitness concepts, goal setting and fitness assessments will be a part of the course if taking it to meet graduation requirements.**

3149 INDIVIDUALIZED PHYSICAL EDUCATION

Grades 9, 10, 11 & 12

Prerequisites Teacher placement only

Semester Course - 1/2 credit

Regular

You may earn 1/2 credit per semester and may take this class one semester during each of your years.

This course provides the opportunity to participate in a daily physical education program designed to provide success. Each student's program can be modified to meet his or her specific needs. Grading will include participation and various cognitive assessments. Because students from all grade levels may be in the class, activities from all of the grade level programs will be utilized.

NOTE: It is intended for those students who may be poorly skilled and have difficulty competing within a regular physical education setting, who may have medical conditions which restrict their activity, or students who may find regular physical education difficult due to social considerations.

3191 COACHING/TRAINING AND OFFICIATING

Grades 11 & 12

Prerequisites: Pass Fitness Foundations

Semester Course - 1/2 credit

Regular

This course will include exposure to a wide variety of skills and knowledge needed to coach at any level of athletics. An emphasis will be on the ability to coach youth athletics. Course content will include teaching skills, practice organization and creating your own philosophy of coaching and sports psychology.

The officiating portion of the class will provide the students with the knowledge and skills needed to acquire WIAA certification to officiate. The course content will include application of rules and penalties, positioning on the court or field, use of hand signals, expected dress and conduct of officials.

3195 LIFE GUARD TRAINING

Grades 10, 11, & 12 Semester Course - 1/2 credit
Prerequisites: Students must have successfully completed, or currently be enrolled in the 1-1/2 credits required for graduation, consent of instructor, plus be 15 years of age before the completion of the course. Honors

The course will allow those who meet the requirements to become certified by the Red Cross as a lifeguard. Training will include Red Cross Certification in First Aid and CPR for the Professional Rescuer. The above work requires both classroom and pool time participation. **Lifeguard Training - \$35 fee for Red Cross Certification and a fee for purchase of a CPR Rescue Mask.**

INDEPENDENT STUDY

Grades 9, 10, 11 & 12
Prerequisites: Permission of instructor

North High School only

Semester Course - 1/2 credit
Regular

Occasionally a student will request a class, which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule the students for that class.

6917-6918 SPECIALLY DESIGNED PHYSICAL EDUCATION

Grades 9, 10, 11 & 12 Year Course - 1 credit
Prerequisites: Instructor's approval Basic

This class is for students having special needs due to a disability and students are placed in this class only after evaluation for such needs.

9151-9152 LIFEGUARDING AIDE

Grades 11 & 12 Semester Course - Non-credit
Prerequisites: Certified Lifeguard (Red Cross)

This is a paid position for students who are Red Cross certified lifeguards. This will be arranged by the physical education department and guidance department.

PHYSICAL EDUCATION – SOUTH HIGH SCHOOL

The VISION of our physical education is to empower all students to sustain regular, lifelong physical activity as the foundation for a healthy, productive and fulfilling life.

	Name of Course	Credit	Course Length	Level	Course Number	Prerequisite	Notes
9 th Grade Options	Wellness 1	½	Semester	Regular	3091	None	*Fulfills graduation requirement
	Women’s Wellness 1	½	Semester	Regular	3116	None	*Fulfills graduation requirement
	Intro to Strength Training	½	Semester	Regular	3129	None	Elective credit only
“CHOICE” 10 th , 11 th and 12 th Grade Options	Basic Team Activities	½	Semester	Regular	3114	Wellness 1 or Women’s Wellness 1	
	Highly Competitive Team Sports	½	Semester	Regular	3194	Wellness 1 or Women’s Wellness 1	
	Rackets/Paddles/Nets (Spring class only)	½	Semester	Regular	3115	Wellness 1 or Women’s Wellness 1	
	Rec Games (Fall class only)	½	Semester	Regular	3130	Wellness 1 or Women’s Wellness 1	
	Strength Training I	½	Semester	Regular	3135-3136	Wellness 1 or Women’s Wellness 1	
	Strength Training II	½	Semester	Regular	3131-3132	Wellness 1 or Women’s Wellness 1 & Strength Training 1	
	Blended Physical Education	½	Semester	Regular	3087	Wellness 1 or Women’s Wellness 1 and 1 CHOICE class (1 full credit of PE)	
	Women’s Wellness 2/3	½	Semester	Regular	3117	Wellness 1 or Women’s Wellness 1	
	Individualized P.E.	½	Semester	Regular	3148-3149	None	Preapproval Required
Elective Only Options	Adventure Education (11 th /12 th graders) (Spring class)	½	Semester	Regular	3193	Wellness 1 or Women’s Wellness 1 and 1 CHOICE class (1 full credit of PE)	
	Lifeguard Training	½	Semester	Honors	3195	See Course Description	
	Lifeguarding (for classes)	½	Semester	Regular	9151-9152	See Course Description	
	Strength Training III	½	Semester	Honors	3133-3134	Strength Training 1 & 2	
	P.E.Aide	½	Semester	Regular	3211	See Course Description	
	Independent Study	½	Semester	Regular	3196	See Course Description	

SHS Graduation Requirements MUST PASS:	
Wellness 1	0.5 Credit
2 Choice classes 1.5 credits for graduation must be earned before taking a Choice class as an elective	1 Credit

9th Grade Options

1. Wellness 1
2. Woman’s Wellness 1 (same time as Wellness 1)
3. Intro to Strength (Elective) 4 days

10th-12th Grade Options

1. Only 1 “CHOICE” class may be taken in a semester. One choice class per year until the graduation requirements of 1.5 credits are met then choice classes may be taken as elective classes. (Strength training may be taken in conjunction with one of them in the same semester).
2. If a “CHOICE” class is failed, students must wait a semester before repeating that class.
3. “CHOICE” classes may be repeated but not within the same year.

3091	WELLNESS 1 Grade 9 Prerequisites: None	South High School Only Semester Course – ½ credit Regular
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This introductory course will introduce students to the knowledge and skills needed for all subsequent Physical Education Classes. Students will be introduced to the basic components of fitness, weight training, and heart rate data. Students will also be required to complete written assignments to demonstrate knowledge proficiencies. Team and individual sports will be used to reflect on these key components throughout the semester. South PE requires ALL students to dress for activity every day. Class also has a required swim component. A \$5.00 fee is required for this course.

3116	WOMEN’S WELLNESS 1 Grade 9 Prerequisites: None	South High School Only Semester Course – ½ credit Regular
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This introductory course will introduce students to the knowledge and skills needed for all subsequent Physical Education Classes. Students will be introduced to the basic components of fitness, weight training, and heart rate data as it pertains to *women’s health and wellness throughout their lifetime*. Students will also be required to complete written assignments to demonstrate knowledge proficiencies. Team and individual sports will be used to reflect on these key components throughout the semester. This class also has a required swim component. A \$5.00 fee is required for this course.

3129	INTRO TO STRENGTH TRAINING Grades 9 Prerequisites: None	South High School Only Semester Course - 1/2 credit Regular
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This course is for freshman only who want to continue the progress they’ve made in The Redwing Way or be introduced to strength training. This is an elective course that will focus on teaching safe technical lifting practices using free weights and other resistances. A multitude of lifts will be taught and practiced under the guidance of trained staff. The goal is to build a level of comfort in the fitness center and a “toolbox” of exercises for lifetime use.

“CHOICE” CLASSES

3114 BASIC TEAM ACTIVITIES

Grades 10, 11 & 12

Prerequisites: Wellness 1 or Women's
Wellness 1

Semester Course – ½ credit
Regular

This course is designed for students interested in team games (less-competitive) and activities working on basic skills/strategies through game play and social connectedness. The framework for all activities will be extending, refining and application. Course offerings may include: basketball, football, hockey, soccer, softball, team handball, lacrosse, volleyball, ultimate frisbee, paddle/net games etc.

The course also has a required swim component and a SEMINAR course is required if being taken for graduation credit.
A \$5.00 fee is required for this course.

3194 HIGHLY COMPETITIVE TEAM SPORTS

Grades 10, 11 & 12

Prerequisites: Wellness 1 or Women's
Wellness 1

Semester Course – ½ credit
Regular

This course is designed for the seriously competitive student interested in team sport competition. Students will develop an understanding of advanced strategy and skills involved in team sports. Course offerings may include: basketball, football, hockey, soccer, softball, team handball, lacrosse, volleyball, ultimate Frisbee etc . . .

This course will also has a required swim component and a SEMINAR course is required if being taken for graduation credit.
A \$5.00 fee is required for this course.

3115 RACKETS/PADDLES/NETS

Grades 10, 11 & 12

Prerequisites: Wellness 1 or Women's
Wellness 1

Spring class only
Semester Course – ½ credit
Regular

This course is designed for students who love racket sports. Students should be able to demonstrate proficiency in skills and game rules, throughout a variety of racket sports such as tennis, badminton, table tennis, pickleball, eclipse ball, etc. Hand-eye coordination and using a racket is essential to this class. Advanced strategy tactics will be taught in every unit of this class.

The course also has a required swim component and a SEMINAR course is required if being taken for graduation credit.
A \$5.00 fee is required for this course.

3130 REC GAMES

Grades 10, 11 & 12

Prerequisites: Wellness 1 or Women's
Wellness 1

Semester Course – ½ credit
Regular

This course is designed for students who are interested in a variety of leisure games and activities. Games will consist of individual, partner or team settings for fun and fitness throughout the semester. This class will focus on good sportsmanship and proper etiquette. Course offerings may include: yard games, cooperative games, ultimate frisbee, disc golf, bowling, archery, spike ball, snowshoe, rock wall, biking, tennis, badminton, table tennis, volleyball, basketball, etc.

The course has a required swim component and a SEMINAR course is required if being taken for graduation credit.
A \$5.00 fee is required for this course.

*Course will have additional fee for bowling.

3135-3136 STRENGTH TRAINING I

Grades 10, 11 & 12

Prerequisites: Wellness 1 or Women's
Wellness 1

Semester Course - 1/2
Regular

This elective course will provide students the opportunity to experience a daily, high level, weight training and conditioning program. Only students with a sincere interest in working hard daily should be enrolled. Written work is required weekly. Workouts will be designed by the student with teacher approval and can be sport specific. This course may be taken for one or two semesters as a required or elective physical education credit requirement. This class requires some basic math skills.

*Students receiving a failing grade for Strength Training I, II, or III must wait at least one full semester before re-enrolling.

3131-3132 STRENGTH TRAINING II

Grades 10, 11 & 12

Prerequisites: Wellness 1 or Women's

Wellness 1 & Strength Training 1

Semester Course - 1/2 credit

Regular

This is an advanced level of strength training and is recommended for those students who have successfully completed Strength Training I with a B- or better grade. The student will step it up into another self-written strength program but forgo the initial 2+ weeks of introduction and lecture on program design, technique and etiquette. This class requires basic math skills.

*Students receiving a failing grade for Strength Training I, II, or III must wait at least one full semester before re-enrolling.

3087 BLENDED PHYSICAL EDUCATION

Grades 10, 11 & 12

Prerequisites: Wellness 1 or Women's Wellness

1 and "CHOICE" class (1 full credit of PE)

Semester Course - 1/2 credit

Regular

Blended Physical Education is a semester long course which can be taken in place of the students traditional PE courses. This class includes both face-to-face classroom time and online components for data collection and assessments. Students will be given an activity tracker to track daily activity during the semester. Students should be comfortable working with technology and learning independently in an on-line environment. The blended learning environment gives students the opportunity to complete their last .5 credits of PE outside of the traditional school day to allow for them to take other courses during the school day. Students must have passed Wellness 1, Seminar 2 and a "CHOICE" class. This class may not be taken as an elective. A \$5.00 fee is required for this course.

3117 WOMEN'S WELLNESS 2/3

Grades 10, 11 & 12

Prerequisites: Wellness 1 or

Women's Wellness 1

Semester Course - 1/2 credit

Regular

This course will focus on the health and wellness issues pertinent to women in their young adult years through adulthood. This is a holistic approach to health and wellness that is structured with the elements of body, mind and spirit. Class activities to include: building healthy relationships, team sports, strength training, recreational games, Zumba, pound, stress reduction techniques such as visualization, yoga, and mindfulness. A \$5.00 fee is required for this course.

This course has a required swim component.

3148-3149 INDIVIDUALIZED PHYSICAL EDUCATION

Grades 10, 11 & 12

Prerequisites: Preapproval Required

Semester Course - 1/2 credit

Regular

You may earn 1/2 credit per semester and may take this class one semester during each of your years.

This course provides the opportunity to participate in a daily physical education program designed to provide success. Each student's program can be modified to meet his or her specific needs. Students will create their own personal wellness portfolio and complete the required physical education essentials as well as daily participation and possible cognitive assessments. Students will participate in a variety of team and individual activities.

Key fitness concepts, goal setting, and fitness assessments will be used throughout this course.

NOTE: This course is designed for students who already attempted Wellness 1 and may have medical conditions which restrict their activity or students who may find regular physical education difficult due to social considerations.

3193 ADVENTURE EDUCATION
Grades 11 & 12 Semester Course - 1/2 credit
Prerequisites: Wellness 1 or Women's Regular
Wellness 1 and "CHOICE" class
(1 full credit of PE)

Adventure Ed is focused on the stages of relationships and group development through unique and novel physical activities that are designed to teach people about things like communication skills, conflict resolution, and problem solving, while being accountable for the group outcomes.

Class activities may include a variety of games with a purpose. There will be a large value placed on debriefing to enhance leadership qualities. A culminating activity may include camping, hiking, or other outdoor overnight pursuit.

*Course open to 11th and 12th grade students who have earned at least 1 required credit in physical education.

3195 LIFEGUARD TRAINING
Grades 10, 11, & 12 Semester Course - 1/2 credit
Prerequisites: Students must have successfully Honors
completed, or currently be enrolled in the 1-1/2
credits required for graduation, consent of
instructor, plus be 15 years of age before the completion
of the course.

The Lifeguarding course provides participants with the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide professional-level care for breathing and cardiac emergencies, injuries and sudden illnesses until emergency medical services (EMS) personal take over.

Students must be 15 years of age before completion of the course to be eligible for certification.
There is a \$35 fee for Red Cross Certification.

9151-9152 LIFEGUARDING
Grades 11 & 12 Semester Course - Non-credit
Prerequisites: Certified Lifeguard (Red Cross)

This is a paid position for students who are Red Cross certified lifeguards. This will be arranged by the physical education department and guidance department.

3133-3134 STRENGTH TRAINING III
Grades 10, 11 & 12 Semester/Year Course - 1/2 or 1 credit
Prerequisites: Student must have taken and Honors
passed Strength Training I or II with a B- or better

This is an honors level of weight training/conditioning and is recommended for those students who have successfully completed Strength Training I OR II with a B- or better grade and understand the notebook system proficiently. The curriculum will include creating a personal fitness goal in the following areas: strength, body composition, and cardiovascular endurance. All areas will be logged and dietary and cardiovascular progress is required. The course requires research articles.

*Students receiving a failing grade for Strength Training I, II, or III must wait at least one full semester before re-enrolling.

3211 PE AIDE

This course is for students who demonstrated great leadership in the required PE classes and desire to be a role model and assistant to a current PE staff member. PE will review the list for final approval.

3196 INDEPENDENT STUDY
Grades 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Permission of instructor; upon Honors
completion of requirements or concurrent with completion of requirements

Occasionally a student will request a class which was cancelled because of low enrollment. In this case, the student may elect to take an independent study course which will meet his/her needs. If an independent study instructor is available, the student may be enrolled. Students pursuing this course of study should have a predetermined plan that they and the advisor agree upon and will work together to establish the length of study and assessment process through course completion.

SCIENCE

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	Astronomy/Meteorology	R	2051	X	X	X	X	
Semester	½	Geology	R	2052	X	X	X	X	
Year	1	Biology 1 & 2	R	2061-2062	X	X			X
Year	1	Biology 1A & 2A (South only)	R	2071-2072	X	X			X
Year	1	Descriptive Biology 1 & 2	R	2073-2074	X	X			X
Year	1	CAPP Biology 3 & 4 (North only)	H	2079-2080			X	X	X
Year	1	AP/CAPP Biology 3 & 4 (South only)	H/AP	2081-2082			X	X	X
Year	1	Anatomy & Physiology 1 & 2 (North only)	H	2088-2089			X	X	X
Year/Semester	1-1/2	Botany 1 & 2	R	2091-2092		X North	X	X	X
Year	1	Medical Interventions 1 & 2 PLTW (South only)	H	2093-2094			X	X	X
Year	1	Principles of Biomedical Science 1 & 2 PLTW (South only)	R	2095-2096	X	X	X	X	
Year	1	Human Body Systems 1 & 2 PLTW (South only)	H	2097-2098		X	X	X	
Year	1	Chemistry 1 & 2	R	2101-2102		X	X	X	X
Year	1	Chemistry 1A & 2A (South only)	R	2111-2112	X				X
Year	1	Descriptive Chemistry 1 & 2	R	2121-2122		X	X	X	X
Year	1	AP Chemistry 3 & 4	H/AP	2131-2132			X	X	X
Year	1	Descriptive Physics 1 & 2	R	2136-2137		X	X	X	X
Year	1	Physics 1A & 2A (South only)	H	2138-2139			X	X	X
Year	1	Physics 1 & 2	R	2141-2142		X	X	X	X
Year	1	AP Physics 3 & 4 (North only)	H/AP	2143-2144			X	X	X
Semester	½	Independent Study-AP Physics C5 (North only)	H/AP	2147				X	X
Semester	½	Independent Study -AP Physics C6 (North only)	H/AP	2148				X	X
Semester	½	Independent Study	R	2491-2492	X	X	X	X	X
Semester	½	Independent Study – Science	H	2493-2494			X	X	X
Semester	½	Independent Study	R	2497-2498			X	X	X

Students pursuing post-secondary education are strongly encouraged to complete three years of introductory science classes before taking advanced level science classes. ACT test data results indicate that students who have a background that is a solid balance between life science and physical science prior to taking the ACT tend to score higher on their ACT. Per the ACT website, students who took Biology, Chemistry and Physics outscored not only those students who took General Science, Biology, and Chemistry but also those who took one additional year of science coursework. The ACT is one of the exams required for admittance to many colleges and is used as a predictor of student readiness to complete post-secondary level work.

All students who wish to graduate must meet the state science requirement, which is “three credits of science which incorporate instruction in the biological sciences and physical sciences.”

2051 ASTRONOMY/METEOROLOGY

Grades 9, 10, 11 & 12

(9th & 10th grade only by consent of instructor)

Prerequisites: None

Semester Course – ½ credit

Regular

This course is designed for the student who is interested in understanding our earth as a part of the universe and human impacts on our planet. It will allow the student to learn about the other planets, stars, galaxies, black holes, space exploration and give practical understanding to such topics as: mapping skills, weather forecasting, clouds, lightning, tornadoes, hurricanes, acid rain, global warming, and the ozone layer. There may be a lab materials fee.

2052 GEOLOGY
Grades 9, 10, 11 & 12 Semester Course – ½ credit
(9th & 10th grade only by consent of instructor) Regular
Prerequisites: None

Geology is designed for the student who is interested in learning about the forces that shape the earth and related human impacts on the earth. This course covers the basic study of the earth's surface and internal structure. It includes the study of rocks and minerals, plate tectonics, mountains, volcanoes, earthquakes, water resources, fossils, geologic time, and mapping skills. There may be a lab materials fee.

2061-2062 BIOLOGY 1 & 2
Grades 9 & 10 Year Course - 1 credit
Prerequisites: If you take Biology 1 2061, Regular
you must also take Biology 2 2062

Biology 1 & 2 is a lab-oriented class. The course includes materials dealing with science as investigation and inquiry into the nature of life, cell structure and function, inheritance, microbiology, plants, invertebrate, vertebrates, and ecological relationships. There may be a lab materials fee. Biology is required for graduation.

2071-2072 BIOLOGY 1A & 2A **South High School only**
Grades 9 & 10 Year Course - 1 credit
Prerequisites: A minimum of a “B” average Regular
in science, algebra, and English or the recommendation
of the science teacher. If you take 2071 Biology 1A
you must also take 2072 Biology 2A.

Recommended for the following 9th graders: Students that have a strong interest in science and who plan to pursue a career in a science or math related field. Also recommended for students who wish to develop critical thinking skills and have consistently good work habits.

This class is designed to be a lab oriented course with emphasis on an inquiry based approach involving critical thinking throughout the year. It will offer an opportunity for students to be engaged in the learning process with more hands-on activities and project-based assessments. Testing will seek to measure higher cognitive skills rather than simple memorization and recall. Course content will include ecology, biochemistry, cellular physiology, microbiology, genetics, and the anatomy and physiology of selected plants and animals.

COURSE NOTE: This is an Accelerated course. It is not the same as Biology 1/2.

2073-2074 DESCRIPTIVE BIOLOGY 1 & 2
Grades 9 & 10 Year Course - 1 credit
Prerequisites: If you take Descriptive Regular
Biology 1 2073, you must also take Descriptive
Biology 2 2074

Description Biology 1 & 2 is an **introductory** lab oriented class. The course includes materials dealing with science as investigation and inquiry into the nature of life, cell structure and function, inheritance, microbiology, plants, invertebrate, vertebrates, and ecological relationships. Focus will be on analyzing problems, situations, tables and graphs that are related to each topic, enabling the students to utilize their increasing skills in analyzing scientifically rich content. Through many labs and hands on activities, students will **continue to develop** an understanding of scientific knowledge, scientific design, and interactions of science, technology, and society. **Biology is a required course for graduation.**

2079-2080 CAPP BIOLOGY 3 & 4

Grades 11 & 12

Prerequisites: "B" or higher in Biology 1 & 2 and Chemistry 1 & 2 or consent of instructor

North High School only

Year Course - 1 credit

Honors

Biology 3 & 4 is designed for those students who can meet the prerequisites and have a strong interest in biology or plan a career in this field of study. The course includes materials that deal with biological concepts such as: unifying concepts in biology, chemical foundations for cells, reproduction and inheritance, plant systems, animal systems, evolution, and ecology. This course may be taken for college credit through UW-Oshkosh or Lakeland University. Students that choose this option are required to pay tuition. See instructor for further details.

2081-2082 AP/CAPP BIOLOGY 3 & 4

Grades 11 & 12

Prerequisites: 2062-Biology 2 or 2102 Chemistry 2. If you take 2081 AP/CAPP Biology 3, you must also take 2082 AP/CAPP Biology 4.

South High School Only

Year Course - 1 credit

Honors/Advanced Placement

Biology 3 & 4 is designed for those students who can meet the prerequisites and have a strong interest in biology or plan a career in this field of study. The course includes materials that deal with biological concepts such as: unifying concepts in biology, chemical foundations for cells, reproduction and inheritance, plant systems, animal systems, evolution, and ecology. Students have the option to sign up for the Advanced Placement Test to be given in the second semester. This test determines a student's proficiency in biology or may be used to determine placement in college courses. See instructor for further details. Lab materials fee of \$15.

2088-2089 ANATOMY & PHYSIOLOGY 1 & 2

Grades 11 & 12

Prerequisites: "B" or higher in Biology 1 & 2 and "C" or higher in Chemistry 1 & 2 or consent of instructor

North High School only

Year Course - 1 credit

Honors

Anatomy and Physiology is a branch of the Biological Sciences that examines structural components of humans and all animals, and attempts to relate these structures to their functions. Examining structure to function relationships is one of the core themes in Biology. This course will take a molecular and cellular approach, applying the molecular and cellular building blocks to a greater understanding of the functioning of animals. This course would serve as a gateway to post-secondary education in the allied health fields. Due to the demands of the honors course, it is offered yearlong. **Students successfully passing with a "B" or better will be eligible to receive advanced standing for credit at Lakeshore Technical College.**

2091-2092 BOTANY 1 & 2Grades (10 North ONLY), 11 & 12 (10th grade only by consent of instructor)
Prerequisites: Successful completion of Biology 1 & 2

Year Course - 1 credit or Semester Course - 1/2 credit

Regular

Botany is a life science course for the students interested in the unique world of plants and their role in the environment. The course includes the study of plant anatomy, morphology, physiology, and ecology.

At SOUTH HIGH, real world applications include the study and practice of integrated pest management, propagation, and indoor/outdoor landscape design, construction, and maintenance of the school gardens. During the fall semester, students will propagate and grow several houseplants for their own collections. During the spring semester, the greenhouse is run as a business culminating in a plant sale open to the public. Lab materials fee of \$5. South High students may earn dual credit through LTC.

At NORTH HIGH, real world applications include a unit on autumn gardening, vegetable gardening, plant propagation, and tree identification, selection and care. The students will periodically work on the school grounds. During the fall semester, students will learn how to propagate houseplants for themselves and for the spring plant sale. During the spring semester, the students start vegetable plants for themselves and organizations like Meals on Wheels and Grow.

2093-2094 MEDICAL INTERVENTIONS 1 & 2-PLTW - South High School only

Grades 11 & 12	Year Course – 1 credit
Prerequisites: 2098-Human Body Systems 2-PLTW. If you take 2093 Medical Interventions 1-PLTW, you must also take 2094 Medical Interventions 2-PLTW	Honors

Students investigate a variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the life of a fictitious family. The course is a “How-To” manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose, and treat cancer, and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This course is designed for 11th or 12th grade students. Lab materials fee of \$15.

2095-2096 PRINCIPLES OF BIOMEDICAL SCIENCE 1 & 2 PLTW- South High School only

Grades 9, 10, 11 & 12	Year Course - 1 credit
Prerequisites: If you take 2095 Principles of Biomedical Science 1-PLTW, you must take 2096 Principle of Biomedical Science 2-PLTW.	Regular

This Project Lead The Way® course is designed to help introduce students to the biological and medical sciences. By exploring various human systems & processes, students learn how medical professionals & technicians use math, science and technology to diagnose, prevent and treat various human medical conditions and diseases. This course also looks at the bioethical issues of medical application and treatment. This course may be applied for college and university credit if a minimum score on the end of course exam is attained. Lab materials fee of \$15.

2097-2098 HUMAN BODY SYSTEMS 1&2-PLTW South High School only

Grades 10, 11 & 12	Year Course - 1 credit
Prerequisites: If you take 2097 Human Body Systems 1-PLTW, you must also take 2098-Human Body Systems 2-PLTW Sophomores must take Principles of Biomedical Science prior to Human Body Systems	Honors

This Project Lead the Way examines structural components of humans and all animals, and attempts to relate these structures to their functions. Examining structure to function relationships is one of the core themes in Biology. This course will take a molecular and cellular approach, applying the molecular and cellular building blocks to a greater understanding of the functioning of animals. This course would serve as a gateway to post-secondary education in the allied health fields. This course may be applied for college and university credit if s minimum score on the end of course exam is attained. Lab materials fee of \$15.

2101-2102 CHEMISTRY 1 & 2

Grades 10, 11 & 12	Year Course - 1 credit
Prerequisites: Successful completion of Biology 1 & 2, C or better in 1 year of Algebra or consent of instructor	Regular

This is an introductory chemistry course that helps develop chemical concepts through the frequent use of laboratory principles and procedures. The topics include chemical formulas, equations, and reactions, periodicity, stoichiometry, atomic and molecular structures, gas laws, thermodynamics, solutions, and acid-base relations. Students need strong Algebra skills. Laboratory manuals or materials may need to be purchased by the student.

2111-2112 CHEMISTRY 1A & 2A

Grade 10

Prerequisites: 2062-Biology 2 or 1564-Algebra 2 Regular

If you take 2111 Chemistry 1A, you must take
2112 Chemistry 2A**South High School Only**

Year Course - 1 credit

Chemistry is a lab-oriented course for those students intending to take a course in college requiring some knowledge of laboratory principles and procedures. The topics include chemical formulas and equations, stoichiometry, atomic and molecular structures, thermodynamics, acid-base reactions, equilibrium, and oxidation-reduction reactions. The course attempts to achieve a close continuity of subject matter between high school and beginning college chemistry courses. This course also attempts to deal with the topics of beginning chemistry at a more sophisticated level of problem solving, detail analysis, and laboratory experience. Those who accept the challenge of this more rigorous course will reap the rewards of a greater chemical knowledge base. This course is recommended for those intending to take Chemistry 3 & 4. There may be a lab materials fee.

2121-2122 DESCRIPTIVE CHEMISTRY 1 & 2

Grades 10, 11 & 12

Year Course - 1 credit

Prerequisites: 1 year of high school math with
a grade of "C" or betterSuccessful completion of Biology 1 & 2 or
consent of instructorIf you take 2121 Descriptive Chemistry 1, you
must also take 2122 Descriptive Chemistry 2

This is a survey course designed for students interested in gaining lab experience and knowledge of chemical concepts. The topics include chemical formulas, equations, and reactions, periodicity, stoichiometry, atomic and molecular structures, gas laws, thermodynamics, solutions, and acid-base relations. This course is intended for students who may need more support with Algebra skills.

2131-2132 AP CHEMISTRY 3 & 4

Grades 11 & 12

Year Course - 1 credit

Prerequisites: Chemistry 2 2102

Honors/Advanced Placement

If you take AP Chemistry 3 2131, you must
also take AP Chemistry 4 2132

Chemistry 3 & 4 allows students to experience college chemistry in the high school setting. Concepts from Chemistry 1 & 1 are further developed along with specific second year themes such as equilibrium and chemical equilibrium. The program delivers what is traditionally known as AP Chemistry for the College Board in both theory and lab work. Students who wish to go into the medical or industrial fields, who fully meet the prerequisites, and who may be interested in taking the national AP exam in May are recommended for this course. Work outside of class is expected and the lab is open after school on a regular basis after school for tutorial or lab work.

Chemistry 3 & 4 is designed for those students who can meet the prerequisites and have a strong interest in chemistry or who may need to take chemistry in college. Topics covered in this course include many of the same that were covered in Chemistry 1 & 2 but will delve deeper into the subject. The course requires approximately two hours of lab weekly. On the occasion of more time-demanding labs, open laboratory time will be offered after school hours. Students may sign for the Advanced Placement Test to be given in the second semester. This test determines a student's proficiency in chemistry or may be used to determine placement in college courses. See instructor for further details. .

COURSE NOTE: Lab materials fee of \$15

2136-2137 DESCRIPTIVE PHYSICS 1 & 2

Grades 10, 11 & 12

Prerequisites: Biology 2 2062 or

Descriptive Biology 2 2074

If you take Descriptive Physics 1 2136, you must also take Descriptive Physics 2 2137

Year Course - 1 credit

Regular

Descriptive Physics 1/2 is designed for those students that are interested in the physical sciences and would like to develop a better understanding of the physical world. Topics are aligned with the Physics 1 & 2 curriculum, but focus more on a conceptual understanding regarding the topics of Mechanics, Work, Energy and Power, Momentum, Simple harmonic motion, Rotational dynamics, Wave Mechanics, Electrostatics, and electrical Circuits. Mathematical relationships are investigated in this course with concurrent laboratory work to help develop understanding of the physical relationships.

2138-2139 PHYSICS 1A & 2A

Grades 11 & 12

Prerequisites: Biology 2 or 2072-

Biology 2A or 2112-Chemistry 2A or 2012

Chemistry 2. If you take 2138 Advanced

Physics 1, you must also take 2139 Advanced

Physics 2

South High School only

Year Course - 1 credit

Honors

Physics 1A & 2A is designed for those students that are ready for the rigor of honors level (AP) curriculum. For those students with an aptitude for mathematics and an interest in STEM education or careers post-secondary. Topics are aligned with the Physics 1 & 2 curriculum, but delve deeper into the topics of Kinematics, Mechanics, Work, Energy and Power, Momentum, Simple harmonic motion, Rotational dynamics, Wave Mechanics, Electrostatics and Circuits. Mathematical relationships are emphasized in this course with concurrent laboratory work. This course maybe offered with AP affiliation in the future. Lab materials fee of \$10.

2141-2142 PHYSICS 1 & 2

Grades 10, 11 & 12

Prerequisites: If you take Physics 1 2141, you must also take Physics 2 2142

Year Course - 1 credit

Regular

This is a course designed for college and non-college bound students who are interested in laboratory-oriented courses in science. The course supplements a student's knowledge and understanding of natural laws as learned in earlier science courses. Topics studied include motion, energy, wave behavior, light and sound, electricity, magnetism, work, energy, atomic structure, atomic particles and conservation laws. Emphasis is placed on the laboratory process of instruction. The conceptual basis of physics is emphasized in the text. Mathematics requires the use of algebra. Trigonometry as an additional tool available for problem solving would be helpful, but not absolutely essential. Students who would like to get a good foundation in science knowledge and techniques should take this course whether they go to a college or a technical school after graduation. There may be a lab materials fee.

2143-2144 AP PHYSICS 3 & 4

Grades 11 & 12

Prerequisites: "B" in Physics 1 & 2; Advanced

Math 1 & 2; consent of instructor

North High School only

Year Course - 1 credit

Honors/Advanced Placement

This is a course designed to extend Physics 1 & 2. Some repetition of topics from Physics 1 will occur; however, most areas are not covered in the first year of physics. These include fluid statistics, fluid dynamics, wave motion, heat sound, entropy, electricity, magnetism, wave and particle duality, atomic and subatomic particles, and radioactivity. Mathematical relationships and written explanations are emphasized in this course with concurrent laboratory work. Students may sign up for the Advanced Placement Test to be given in the second semester. This test determines if a student is proficient in physics or may be used to determine placement in college courses. See instructor for further details. Curriculum matches Advanced Placement Physics 2 Exam.

2147 HONORS INDEPENDENT STUDY - AP PHYSICS C5 - MECHANICS - North High School only
Grade 12 Semester Course - 1/2 credit
Prerequisites: Physics 3 & 4, Calculus or Honors
concurrent enrollment in Calculus

Students will independently prepare for the AP Physics C exam in Mechanics. The exam is administered in May of each year.

2148 HONORS INDEPENDENT STUDY - AP PHYSICS C6 - ELECTRICITY & MAGNETISM - North High School Only
Grade 12 Semester Course - 1/2 credit
Prerequisites: Physics 3 & 4, Calculus or Honors
concurrent enrollment in Calculus

Students will independently prepare for the AP Physics C exam in Electricity and Magnetism. The exam is administered in May of each year.

2491-2492 INDEPENDENT STUDY
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Permission of instructor Regular

Occasionally a student will request a class, which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule that student for that class.

2493-2494 INDEPENDENT STUDY - SCIENCE
Grades 11 & 12 Semester Course - 1/2 credit
Prerequisites: Biology 1 & 2, Chemistry 1 & 2, Honors
Physics 1 & 2, completed with a "B" or better or
taking concurrently with this class & approval of instructor

Students will be on an independent study program with hours arranged to suit the student and teacher. Students will have an opportunity to carry out independent research. This research can be done in the science or industrial labs. All independent research students will submit a report and/or project summarizing their research, which will be the basis for their grade.

Independent Study honors credit will only be awarded to students who have completed the highest advanced level courses in the subject area of the independent study. Lab materials fee of \$15.

2497-2498 INDEPENDENT STUDY
Grades 11 & 12 Semester Course - 1/2 credit
Prerequisites: Successful completion of Regular
Biology 1 & 2, approval of instructor

Students will be in an independent program arranged to suit the student and teacher. Students will have an opportunity to carry out independent research or specialized work. This research/work can be done in the science or industrial labs. All independent research students will submit a report and/or project summarizing their work, which will be the basis for their grade.

SOCIAL STUDIES

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	African-Asian World 1 & 2 (North only)	R	2551-2552	X				
Year	1	World History 1 & 2 (South only)	R	2559-2560	X				
Year	1	Western Civilization 1 & 2 (North only)	R	2561-2562		X			
Semester	1/2	World History 3 (South only)	R	2569		X			
Year	1	United States History 1 & 2	R	2571-2572			X		
Year	1	AP United States History 1 & 2	H/AP	2579-2580				X	X
Semester	½	American Economy 1	R	2581		X	X	X	
Semester	½	American Economy 2	R	2582		X	X	X	X
Semester	½	AP Macroeconomics	H/AP	2583			X	X	
Semester	½	AP Microeconomics	H/AP	2584			X	X	
Year	1	AP World History (South only)	H/AP	2587-2588	X	X	X	X	X
Year	1	US History 1 & 2 (Blended Ed/Online/North only)	R	2589-2590			X		
Semester	½	Social Issues 1 (North only)	R	2591				X	
Semester	½	Social Issues (South only)	R	2591			X	X	
Semester	½	Social Issues 2 (North only)	R	2592				X	
Semester	½	Social Issues 2 (South only)	R	2592			X	X	
Semester	½	American Civics (South only)	R	2594		X			X
Year	1	CAPP US History 1 & 2 (North only)	H	2595-2596				X	X
Year	1	Anthropology I and II (North only)	R	2597-2598		X	X	X	
Semester	½	Psychology 1	R	2601		X	X	X	
Semester	½	Psychology 2 – 2nd semester only	R	2602		X	X	X	X
Semester	1/2	AP Psychology 1 – 1st semester only (CAPP)	H/AP	2603			X	X	
Semester	½	AP Psychology 2 – 2nd semester only (CAPP)	H/AP	2604			X	X	
Semester	1/2	World Geography Today	R	2610		X	X	X	
Semester	½	AP Geography	H/AP	2615-2616			X	X	
Semester	½	Philosophy 1	H	2621			X	X	
Semester	½	Philosophy 2	H	2622			X	X	X
Semester	½	Comparative Eastern Religions (North only)	H	2624			X	X	
Semester	½	Comparative Western Religions (North only)	H	2625			X	X	
Semester	½	Sociology 1	H	2631			X	X	
Semester	½	Sociology 2 – 2nd semester only	H	2632			X	X	X
Year	1	AP Government & Politics: United States	H/AP	2641-2642		X	X	X	
Year	1	AP European History 1 & 2	H/AP	2643-2644			X	X	X
Semester	½	Independent Study	R		X	X	X	X	X
Semester	½	Independent Study	H				X	X	X

Three and one-half credits of Social Studies are required of all students at the high school level. Three of these shall be:

North High School Only

- African-Asian World 1 & 2 – Grade 9
- Western Civilization 1 & 2 – Grade 10
- US History 1 & 2 – Grade 11

South High School Only

- World History 1 & 2 – Grade 9
- World History 3 & American Civics or AP US Government & Politics – Grade 10
- US History 1 & 2 – Grade 11
- One-half credit (Grade 12) shall be selected from any of the above elective courses.

TEACHING STANDARDS FOR SOCIAL STUDIES HONORS COURSES

The Social Studies Department has adopted the following teaching standards for honors courses within our department in order to provide uniformity between classes and schools:

- Students must complete two of the three required social studies courses (**North Only**).
- Textbooks used in all honors classes are college level with a readability of grade 13 or above. Supplementary readings are common in social studies honors courses.
- Course syllabi parallel college courses. A syllabus will be given to each student early in the semester.
- Grades are not curved in a social studies honors class. The following scale applies A-90%, B-80%, C-70%, D-60%.
- Exams are similar to tests in an introductory college class. Essay exams will be used. Where multiple choice exams are given, they will be closed (no notes or open book). Each honors class will have a final exam and be a significant part of the final grade. Twenty percent is common.
- Grades in a social studies honors course are based solely on major projects, quizzes, and exams.
- Each social studies honors class will require a project, book report, research or some other similar activity that requires the student to go beyond the text.
- Whenever possible, students will receive college credit for an honors class. This may be done in cooperation with a post-secondary institution or successful completion of an Advanced Placement test.

GUIDELINES FOR SOCIAL STUDIES HONORS CLASSES

The following guidelines have been established by the Social Studies Department when selecting honors classes. **They are not prerequisites and are not intended to prevent students from taking an honors class.** They are intended to help students make wise course selections.

- A proficient or advanced score on the Reading and Language Arts sections of the **Wisconsin Knowledge and Concepts Examination**.
- An overall GPA of a "B" or above.

2551-2552 AFRICAN-ASIAN WORLD 1 & 2
Grade 9
Prerequisites: None

North High School only
Year Course - 1 credit
Regular

Semester 1 & 2 - This year long course involves the study of the African-Asian World. During the year the following regions will be studied: Middle East, Africa, India, Japan, China and Southeast Asia. Emphasis is placed on the geography, history, and ways of life of these people. Comparisons are made to illustrate how life is similar and yet different from our own.

News events relating to these areas are also examined to help understand how we are involved and affected by events in these regions. Note: **The order in which areas and cultures are investigated may vary to allow for flexibility** relating to current events. Lectures/discussions, small group work, role-playing and simulations may be used as methods for investigation. In addition, guest speakers and media are used for enhancement of learning.

2559-2560 WORLD HISTORY 1 & 2
Grade 9
Prerequisites: None

South High School only
Year Course - 1 credit
Regular

Semester 1 & 2 - This year long course involves the study of the world history, culture, and geography. During the year the following regions will be studied: Middle East, Africa, Europe, Latin America, India, Japan, China and Southeast Asia. Emphasis is placed on the geography, history, and ways of life of these people. Comparisons are made to illustrate how life is similar and yet different from our own.

News events relating to these areas are also examined to help understand how we are involved and affected by events in these regions. Note: **The order in which areas and cultures are investigated may vary to allow for flexibility** relating to current events. Lectures/discussions, small group work, role-playing and simulations may be used as methods for investigation. In addition, guest speakers and media are used for enhancement of learning.

2561-2562 WESTERN CIVILIZATION 1 & 2

Grade 10
Prerequisites: None

North High School only

Year Course - 1 credit
Regular

Semester 1 - This course examines important people, events, and concepts that serve as the foundation of western culture. Topics included are humanism, law, religion, western political systems, the market economy, and the Industrial and Scientific Revolution. Emphasis is given to the impact of the great ideas of the West on modern society.

Semester 2 - This course examines the challenges facing modern Europe in a changing world. Topics included are revolution, nationalism, equality, war or peace, totalitarianism in Nazi Germany and the Soviet Union, and Europe's role in a global community.

A mixture of conceptual, inquiry and descriptive approaches are used to study modern western civilization. A variety of learning activities ranging from lecture/discussion, reading, research, use of community resources, role-playing and simulations are used to stimulate student interest. Current events are also studied.

2569 WORLD HISTORY 3

Grade 10
Prerequisites: None

South High School only

Semester Course – 1/2 credit
Regular

This course examines important people, events, and concepts that serve as the foundation of western culture. Topics included are humanism, law, religion, western political systems, the market economy, industry, science, revolution, nationalism, equality, war or peace, totalitarianism, and Europe's role in a global community. Emphasis is given to the impact of the great ideas of the West on modern society.

A mixture of conceptual, inquiry and descriptive approaches are used to study modern western civilization. A variety of learning activities ranging from lecture/discussion, reading, research, use of community resources, role-playing and simulations are used to stimulate student interest. Current events are also integrated.

2571-2572 UNITED STATES HISTORY 1 & 2

Grade 11
Prerequisites: None

Year Course - 1 credit
Regular

Semester 1 - This course is designed to assist students in acquiring a better understanding of our national heritage and their rights and responsibilities as citizens. It then traces the political, social and economic developments of the United States from 1865 to the early 20th century. Themes of study will include Reconstruction, industrialization, immigration, imperialism, the Progressive Era, imperialism, economic boom of the 1920's, and the Great Depression.

Semester 2 - The political, social and economic developments of the United States in the 20th and 21st Centuries form the basis of this course. Topics included are, the New Deal Programs, World War II, Cold War Era, Civil Rights Movement, Vietnam Conflict, and post Watergate Presidencies. In addition, students will be guided toward a better understanding of how the events of modern U.S. history affect life in the United States today.

Methods of instruction may include lecture/discussion, large and small group work, individual research, community resources, role-playing and simulations.

2579-2580 AP UNITED STATES HISTORY 1 & 2

Grade 12

Prerequisites: United States History 1 & 2

Year Course - 1 credit

Honors/Advanced Placement

Semester 1 - Advanced Placement United States History 1 is comparable to a first-year college course. It begins with colonization and finishes with the end of the 18th Century. The analytical thinking, writing, and reading skills that students develop in the course will better equip them for college and lifelong learning. The course connects events and issues from the past to the concerns of the present.

Semester 2 - Advanced Placement United States History 2 is comparable to a first-year college course. It focuses on the 20th century. The analytical thinking, writing, and reading skills that students develop in the course will better equip them for college and lifelong learning. The course connects events and issues from the past to the concerns of the present.

Instructors will use a variety of teaching method strategies to assist students in learning the necessary content and skills to take the Advanced Placement course in mid-May.

SPECIAL NOTE: This course will be offered at North for college credit earned through Lakeland University for a fee. Questions about these options can be directed to the course instructor.

2581 AMERICAN ECONOMY 1

Grades 10, 11 & 12

Prerequisites: None

Semester Course - 1/2 credit

Regular

What is inflation and what causes it? What are budget and trade deficits, and why are they important to you? Why are there times millions of Americans are not working even though they want to work? This course is designed for the student who wants answers to these and other economic questions that face a citizen every day. It will center on understanding how the free enterprise system works, the debate over government taxing and spending, and how world trade takes place. **Sophomore enrollment subject to class availability.**

2582 AMERICAN ECONOMY 2

Grades 10, 11 & 12

Prerequisites: American Economy 1

Semester Course - 1/2 credit

Regular

How does a company make business decisions? How do they know what price to charge or how much of a product to make? How much money should be reinvested or spent on advertising? What are stocks, bonds, IRA's, term and whole life insurance? How do I buy a home or make out my state and federal taxes? What would it be like to run my own business and compete against others? These are some of the questions that the student will explore in this course. Several simulations and guest speakers will be used to address these questions. **Sophomore enrollment subject to class availability.**

2583 AP MACROECONOMICS

Grades 11 & 12

Prerequisites: None

Semester Course - 1/2 credit

Honors/Advanced Placement at South High School

Macroeconomics is the study of the large sectors of our economy and how they interact: business production of goods and services, household spending and saving, money and banking, government taxing and spending, and international trade and finance. While studying these important economic actors, students will examine important economic issues: unemployment, inflation, world trade, and productivity.

North and South High students may take this course for college credit by taking the Advanced Placement test. Questions about these options can be directed to the course instructor or the school counselor.

2584 AP MICROECONOMICS
 Grades 11 & 12 Semester Course - 1/2 credit
 Prerequisites: None Honors/Advanced Placement at South High School

Microeconomics is the study of how firms and individuals make economic decisions. Students will study what economists mean by costs and the forces of supply and demand. To better understand the market system, students will study different market structures, labor markets, the determination of wages and income distribution, market failure and the role of unions.

North and South students may take this course for college credit by taking the Advanced Placement test. Questions about these options can be directed to the course instructor or the school counselor.

2587-2588 AP WORLD HISTORY **South High School only**
 Grades 9, 10, 11, & 12 Year Course - 1 credit
 Prerequisites: Incoming 9th graders need 8th grade teacher recommendation Honors/Advanced Placement at South High

Semester 1 - Advanced Placement World History 1 is comparable to a first-year college course. The 3 periods covered in the first semester are: (1) Technological and Environmental Transformation, to 600 BCE (2) Organization and Reorganization of Human Societies, 600 BCE to 600 CE (3) Regional and Transregional Interactions, 600 CE to 1450 CE. The analytical thinking, writing, and reading skills that students develop in the course will better equip them for college and lifelong learning. The course connects events and issues from the past to the concerns of the present.

Semester 2 - Advanced Placement World History 2 is comparable to a first-year college course. The 3 periods covered in the first semester are: (1) Global Interactions, 1450 to 1750 (2) Industrialization and Global Integration, 1750 to 1900 (3) Accelerating Global Change and Realignment, 1900 to present. The analytical thinking, writing, and reading skills that students develop in the course will better equip them for college and lifelong learning. The course connects events and issues from the past to the concerns of the present.

Instructors will use a variety of teaching method strategies to assist students in learning the necessary content and skills to take the Advanced Placement test in mid-May.

2589-2590 US HISTORY 1 & 2 (Blended Ed/Online) **North High School only**
 Grade 11 Year Course - 1 credit
 Prerequisites: None Regular

Semester 1 - This course is designed to assist students in acquiring a better understanding of our national heritage and their rights and responsibilities as citizens. It begins with an examination of the U.S. Constitution and its application today. It then traces the political, social and economic developments of the United States from 1870 to 1900 through the study of American industrialization, imperialism, and the Progressive Era.

Semester 2 - The political, social and economic developments of the United States in the 20th Century form the basis of this course. Topics included are prosperity and depression, world war, the Cold War, our country's rise as a world superpower and social change within the United States. Students are guided toward a better understanding of how the events of modern U.S. history affect life in the United States today. Methods of instruction may include lecture/discussion, large and small group work, individual research, community resources, role-playing and simulations.

2591 SOCIAL ISSUES 1
Grades 11 & 12 – South High Semester Course - 1/2 credit
Grade 12 – North High Regular
 Prerequisites: None

Topics will vary to allow for maximum relevancy. Student examination of the history and impact of social issues and problems will include the following: crime, gun control, the prison system, drug and alcohol abuse, sexual violence, abortion, AIDS, prejudice and discrimination. Instructional methods include lecture/discussion, small group learning, community resource people, field trips, and individual research.

2592 SOCIAL ISSUES 2
Grades 11 & 12 – South High
Grade 12 – North High
 Prerequisites: None

Semester Course – 1/2 credit
 Regular

Topics will vary to allow for maximum relevancy. Student examination of the history and impact of social issues and problems will include the following: economic issues, unemployment, poverty, problems of the family, divorce, child abuse, sexism, mental illness, environmental problems. Instructional methods include lecture/discussion, small group learning, community resource people, field trips, and individual research.

2594 AMERICAN CIVICS
 Grade 10
 Prerequisites: World History 3

South High School only
 Semester Course - 1/2 credit
 Regular

The mission of government, henceforth, in civilized lands, is . . . to train communities through all their grades, beginning with individuals and ending there again, to rule themselves.”

Walt Whitman

Democracy is a verb. This course was created to provide students with the knowledge and skills to develop into thoughtful and engaged citizens at all levels – local, state and national. This course will study important documents such as the Declaration of Independence and the Constitution. This course isn’t just about doing classroom work—it’s about students identifying and taking action on their own issues as they learn. Students will become citizens not just by learning, but also by doing. They will learn about government structures and how those structures impact their own life, their own family, and their own community.

2595 -2596 CAPP US HISTORY 1 & 2
 Grade 12
 Prerequisites: Successful completion of
 required US History or with instructor consent

North High School only
 Year Course – 1 credit
 Honors

This CAPP course is an introduction to the study, applications, and methods of understanding a critical approach to political, economic, social, and cultural American History at a college level. The pre-Colonial period through the 19th century will be the context for the first semester with a special interest in the interplay of human character and periodic circumstance. The 20th and 21st century events will be the focus of the second semester with a special interest in recognizing changing global contexts. Students will engage in understanding humanity’s attempts at explaining past narrative within the context of their present. In this class the emphasis is on a deeper curation of sources, analysis of historical events, and a focus on inquiry-based analysis. Evaluation will emphasize writing.

2597-2598 ANTHROPOLOGY I AND II
 Grades 10, 11 & 12
 Prerequisites: None

North High School only
 Year Course – 1 credit
 Regular

This course is an introduction to the study, applications, and methods of anthropology, including its four main subfields; physical anthropology, archaeology, cultural anthropology, and linguistic anthropology. Each subfield will be the focus of a particular quarter. For example, the first quarter will focus on cultural anthropology. Students will engage with concepts foundational to understanding human culture, past and present. In this class the emphasis is on the holistic nature of the anthropology. The course will explore key questions about human diversity in the past, present, and future.

2601 PSYCHOLOGY 1
 Grades 10, 11 & 12
 Prerequisites: None

Semester Course - 1/2 credit
 Regular

This is the first semester of a year course in introductory psychology. Units covered include the nature and history of psychology, learning and cognitive processes, the workings of the mind and body, and developmental psychology from infancy through old age. Lecture/discussion, small group work, independent reading/research, role-playing and community resources are used to involve students in the study of psychology. **Sophomore enrollment subject to class availability.**

2602 PSYCHOLOGY 2
Grades 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Psychology 1 Regular

This is the second semester of the year course in psychology. Units covered include personality theory, testing, adjustment and breakdown, therapy and change, human relations and research in psychology. Instructional techniques are the same as in Psychology 1. **Sophomore enrollment subject to class availability.**

2603 AP PSYCHOLOGY 1
Grades 11 & 12 Semester Course - 1/2 credit
Prerequisites: None CAPP/Honors/Advanced Placement

This is the first semester of a year course in introductory psychology. It is offered first semester only. Units covered include the nature and history of psychology, learning and cognitive processes, the workings of the mind and body, and developmental psychology from infancy through old age.

The content for honors psychology is the same as for regular psychology. Honors psychology, however, will address content in greater detail and will be more conceptual. Students will be expected to do more reading and work outside of class. Instructional methods will include lecture/discussion, small group work, independent reading/research, role playing and community resources. **Evaluation will stress writing.**

Special Note: Students at North and South High School can receive college credit for this course either through Lakeland University or taking the Advanced Placement test in spring for a fee. Questions about these options can be directed to the course instructor or the school counselor.

2604 AP PSYCHOLOGY 2
Grades 11 & 12 Semester Course - 1/2 credit
Prerequisites: AP Psychology 1 CAPP/Honors/Advanced Placement

This is the second semester of the year course in psychology. Units covered include personality theory, testing, adjustment and breakdown, therapy and change, human relations and research in psychology.

The basic content for honors psychology is the same as for regular psychology. Honors psychology, however, will cover content in greater detail and will focus more on concepts. Students will be expected to do more reading and work outside of class. Instructional methods will include lecture/discussion, small group work, independent reading/research, role playing and community resources. **Evaluation will stress writing.**

Special Note: Students at North and South High School can receive college credit for this course either through Lakeland University or taking the Advanced Placement test in spring for a fee. Questions about these options can be directed to the course instructor or the school counselor.

2610 WORLD GEOGRAPHY TODAY
Grades 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

Students will examine the five themes of geography: location, place, human-environment interaction, movement, and region. Areas of study will include climate and vegetation, mapping skills, population and culture, resources and land use, urbanism, the geography of Sheboygan, regions of the United States and the world.

2615-2616 AP GEOGRAPHY

Grades 11 & 12
Prerequisites: None

Semester Course - 1/2 credit
Honors/Advanced Placement

Why is the world's largest shopping mall located in Edmonton Canada? Why did 2000 presidential candidate Al Gore win almost every northeastern state but not a single southeastern state, including his home state of Tennessee? Why did all three of the great monotheistic religions (Judaism, Christianity, and Islam) emerge within a relatively small area in the Middle East?

This course will explore human geography. Students will examine the spatial patterns that describe both the mundane and the fundamental features of our lives, from shopping to language, politics to garbage. Students will learn to identify the forces that give rise to those patterns and look at how they have changed over time. Students will be expected to do more reading and work outside of class compared to regular geography. **Assessments will stress writing.**

Special Note: Students at **North High and South High School** can take this course for college credit by taking the Advanced Placement test in the spring for a fee. Questions about these options can be directed to the course instructor or the school counselor.

2621 PHILOSOPHY 1

Grades 11 & 12
Prerequisites: None

Semester Course - 1/2 credit
Honors

The purpose of this course is to learn the methods and historical approaches of philosophy and use them in thoughtfully examining some of philosophy's most enduring issues: knowledge, human nature, ethics, justice, beauty and reality itself. **The course evaluations stress writing.**

2622 PHILOSOPHY 2

Grades 11 & 12
Prerequisites: Philosophy 1

Semester Course - 1/2 credit
Honors

The course is a continuation of Philosophy 1. It requires the student to select with the teacher's approval a particular philosopher, approach to philosophy, or an important philosophic issue and study it in a more thorough manner. At the end of the course the student is required to produce a paper and oral presentation. **The course evaluations stress writing.**

2624 COMPARATIVE EASTERN WORLD RELIGIONS – North High School only

Grades 11 & 12
Prerequisites: None

Semester Course - 1/2 credit
Honors

Students will study the historical background and role of religion in shaping Eastern society. Students then examine the major tenets of the world's great Eastern religions: Hinduism, Buddhism, Taoism, Confucianism, Jainism and Sikhism. Against the background of these important religious perspectives, students will examine and compare how these religious experiences have influenced a society's view on life, death, meaning, truth, human nature, and ethics. **The course evaluations stress writing.**

Special Note: This course will be offered only at North and college credit can be earned through Lakeland University for a fee. Questions about these options can be directed to the course instructor or the school counselor.

2625 COMPARATIVE WESTERN WORLD RELIGIONS – North High School only

Grades 11 & 12
Prerequisites: None

Semester Course - 1/2 credit
Honors

Students will study the historical background and role of religion in shaping Western society. Students then examine the major tenets of the world's great Western religions: Judaism, Christianity and Islam. Students will also examine the contact with Native indigenous religions and the rise of modern fundamentalism and ecumenism. Against the background of these important religious perspectives, students will examine and compare how these religious experiences have influenced a society's view on life, death, meaning, truth, human nature, and ethics. **The course evaluations stress writing.**

Special Note: This course will be offered only at North and college credit can be earned through Lakeland University for a fee. Questions about these options can be directed to the course instructor or the school counselor.

2631 SOCIOLOGY 1
Grades 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Honors

Sociology is the study of society and social behavior. It deals with the social forces that help shape who we are, what we believe, how we behave, and how we choose to live our lives. The course examines issues such as culture, violence, deviance, social control, socialization and personality, group behavior and social class. From this students will be better able to function in society and appreciate the worth of different human societies. Course content will be presented in a variety of ways including class discussion, simulations, lectures, small group work and films.

Special Note: This class can also be taken for college credit at **North High School** through Lakeland University for a fee. Students must take both Sociology 1 and 2 to earn college credit.

2632 SOCIOLOGY 2
Grades 11 & 12 Semester Course - 1/2 credit
Prerequisites: Honors Sociology 1 Honors

Sociology is the study of society and social behavior. It deals with the social forces that help shape who we are, what we believe, how we behave, and how we choose to live our lives. The course examines issues such as minorities, discrimination and prejudice, gender roles, the family, religion and cults, social movements of crowd behavior, rumors, riots, fads, political power, economic systems, and education. Using this knowledge, students will be able to operate better in their own society and appreciate the worth of different human societies. Course content will be presented in a variety of ways including class discussion, simulations, lectures, small group work and films.

2641-2642 AP GOVERNMENT & POLITICS: UNITED STATES

Grade 10, 11 & 12 Year Course – 1 credit
Prerequisites: None Honors/Advanced Placement

The purpose of the course is for students to better understand how American government works. Students will develop the ability to think critically about 1) the constitutional structure & institutions of our government, 2) the political beliefs and behaviors of our citizens, 3) the role of political parties, interest groups and the media in the political process, and 4) how specific national policies are made. Using this knowledge, students are expected to analyze current issues in American politics.

Instructors will use a variety of teaching method strategies to assist students in learning the necessary content and skills to take the Advanced Placement course in mid-May.

2643-2644 AP EUROPEAN HISTORY 1 & 2

Year Course - 1 credit Grade 11 & 12
Prerequisite - Western Civilization 1 & 2 Honors Advanced Placement

This course is designed for students who wish a better understanding of how Europe 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.

Instructors will use a variety of teaching method strategies to assist students in learning the necessary content and skills to take the Advanced Placement course in mid-May.

INDEPENDENT STUDY

Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Permission of instructor Regular

Occasionally a student will request a class, given though it was cancelled because of low enrollment. In such a case, the student may elect to take it as an independent study course. A teacher must agree to act as an advisory before the student's counselor may schedule an independent study.

INDEPENDENT STUDY

Grades 11 & 12

Prerequisites: Permission of instructor

Semester Course - 1/2 credit

Honors

Honors Independent Study is for the well-motivated student who wishes to pursue advanced studies. The student must select a challenging topic, engage in thoughtful analysis, self-assess his/her own learning, and clearly and creatively share his/her learning. **Commitment and independent initiative are important for success.**

Independent Study honors credit will only be awarded to students who have completed the highest advanced level courses in the subject area of the independent study.

SPECIAL EDUCATION

Classes in special education are designed to aid those students who have learning or social problems that cause difficulties in their academic or performance courses in the regular classroom. Special education classes are primarily available to those students who, through an IEP team meeting, have been classified to be Learning Disabled, Cognitively Disabled and/or Emotionally/Behaviorally Disabled as defined by guidelines of the Department of Education. Based on student needs, the special education teacher may adjust curriculum to focus on alternative achievement standards and functional living skills.

ENGLISH

Basic

English is a required course designed to give students an introduction to, or review of, the basics of written expression and study skills. To achieve these general purposes, English includes units in resource materials, grammar, composition, and literature. Individual units will include sentence, paragraph, letter writing, a review of grammar, and spelling. Other units will include written and oral communication. Tenth graders may include a career unit on obtaining and maintaining employment.

INDIVIDUALIZED READING

Basic

Individualized Reading is an independent study course for students who wish to develop their own study of literature with the guidance of their assigned teacher. Students are aided in planning a reading program based on their particular abilities. The main emphasis is on reading books of interest to the student and discussing these books with the instructor. Each student is required to keep a daily journal of his/her reading. Written reports will be required for the mandatory assignments, but students will have the option to do oral reports with the instructor. In all cases, teachers will take into consideration individual differences. Students will review literary techniques and will receive individual help with critical writing.

MATHEMATICS

Basic

Math is a required course designed to give students an introduction to, or review of, the basic skills and application of math concepts as well as the basics of Algebra. The following areas of basic skills will be covered: addition, subtraction, multiplication, and division of whole numbers, decimals and fractions, percent and measurement. The following areas of application of math concepts will be covered: computing wages, banking, income taxes, area and volume, construction graphs, buying a car, comparative shopping and budgeting.

INTEGRATED SCIENCE 1 & 2

Basic

Integrated science is designed to help students with disabilities gain an understanding of science. This course uses many activities that encourage students to appreciate the world around them. It is a hands-on class that addresses many learning styles and presents topics that may include basic chemistry and physics, earth science and weather. The students are screened by counselors, special education teachers, classroom teachers, and case managers.

BIOLOGY 1 & 2

Basic

Biology is designed to help students with disabilities gain an understanding of biology. This class includes a survey of the five major kingdoms, ecological problems facing the earth, study of cells, and genetics. The students are screened by counselors, special education teachers, classroom teachers, and case managers.

SOCIAL STUDIES

Basic

Social Studies is a required course designed to give students an introduction to, or review of, the fundamental skills and concepts of geography, history, and government. Students will become aware of their physical environment, obtain a basic knowledge of geographical features, learn map skills, and the effects of climate on people and cultures. Students will also become aware of their historical existence through a brief review of the history of the world and the United States and understand the choices and processes in making decisions, which affect our lives. The students will also learn the fundamentals of our government and how to apply these fundamentals to everyday life. Current events are included in this class.

SPECIALLY DESIGNED PHYSICAL EDUCATION Basic

This course is designed for students with disabilities who have special needs in physical education. It offers an individualized educational plan to meet each student's specific needs.

HEALTH 1 & HEALTH 2 Basic

Students are required to take two semesters of health. The health curriculum is designed to give the students a working knowledge of the following health areas; wellness/personal hygiene, sex education, alcohol, tobacco and drugs, first aid and safety, death and dying, and body systems.

FAMILY AND CONSUMER SCIENCES EDUCATION 1 & 2 Basic

This adaptive course surveys all areas of Family and Consumer Sciences Education pertaining to adult living. This course will be divided into three semester sessions. One semester, which will be offered every year, are basic foods, nutrition, meal planning, and preparation. The other semester courses will be offered on a rotating basis. These course include a) clothing section, grooming, basic sewing techniques, consumer education and housing; b) human relationships, marriage, family, parenting, child development and money management. These courses are designed for those students with disabilities who will need extra help in these areas before entering general education classes.

BUSINESS Basic

This course is designed to give students a sneak peek into the world of business. Units of study include checking, credit, savings, investing, finding and keeping a job, ethics, supply and demand, transportation and distribution, advertising, customer service, retails, and malls. Students will be exposed to a wide variety of projects and activities over the semester.

LIFE SKILLS Basic

This course is designed to give students a glimpse into the real world. Students spend time at the Mead Public Library and various businesses in the area. Units of study include: budgeting, transportation, health & nutrition, organization, time management, understanding forms, personal choices, social skills, interviewing, job skills, filling out forms, cooking, and safety.

PRODUCTION METHODS 1 & 2 Basic
PRODUCTION METHODS 3 & 4 Basic

Production Methods is designed for the student who is not academically qualified to participate in technical education classes. This class teaches the fundamentals of selected technology education areas. The administration, counselors, special education teachers, and classroom teachers screen the students before placement.

STUDY SKILLS Basic

This course is designed to assist the student in the development of independent study skills. Emphasis centers on listening skills, note-taking, improving memory, test preparation, and effective use of study time.

SUPPORTED TRAINING FOR EMPLOYMENT PROGRAM (Transitions) Basic

This course is designed as a working relationship between the school district and community businesses. **Transitions** provide students with an opportunity to receive non-paid work experience while under the direct supervision of a teacher. This collaborative effort takes place in businesses outside of the school setting and through work that is provided by community businesses. Counselors, the instructor, and their special education teacher/case manager must recommend the students.

EFFECTIVE COMMUNICATION SKILLS - North High School Only Basic

Effective Communication Skills is designed for the student in need of speech/language therapy services. The goal is to have students gain proficiency in the areas of language listening, language production, conversational skills, and cognition and survival language. The course will allow a student to acquire and practice skills in a small group setting.

WORK EXPERIENCE Basic

Work Experience is designed to give students credit for successful employment outside of school. A work experience teacher will make contact with the employer on an "as needed" basis to determine the success of the student's work placement. The work experience teacher can work with students who are already employed or are seeking employment.

Check with case managers for specific scheduling needs.

TECHNOLOGY EDUCATION

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Semester	½	Introduction to CAD & STEM	R	6051	X	X	X		
Semester	½	Cisco IT Essentials	R	6055	X	X	X	X	
Semester	½	Exploring Robotics and Automation (North only)	R	6057	X	X	X	X	
Semester	½	Materials & Processes	R	6058	X	X	X		
Semester	½	Photography (North only)	R	6060	X	X	X	X	
Semester	½	Power Mechanics	R	6100	X	X	X	X	
Year	1	Advanced Power Mechanics 1 & 2	R	6101-6102		X	X	X	X
Year	1	Automotive & Electro-Mechanics 1 & 2	R	6103-6104		X	X	X	
Year	1	Advanced Automotive & Electro Mechanics 1 & 2	R	6105-6106			X	X	X
Semester	½	Consumer Auto (North only)	R	6107		X	X	X	
Year	1	Photojournalism (North only)	R	6109-6110	X	X	X	X	
Year	1	Capstone Automotive Mechanics 1	H	6111-6112				X	X
Year	1	Capstone Automotive Mechanics 2	H	6121-6122				X	X
Year	1	PLTW-Principles of Engineering	H	6131-6132		X	X	X	X
Year	1	PLTW-Civil Engineering & Architecture A1	H	6133-6134		X	X	X	
Year	1	Advanced Engineering/Architecture 1 & 2	R	6135-6136			X	X	X
Year	1	Capstone Engineering/Architecture 1	H	6141-6142				X	X
Year	1	Capstone Engineering/Architecture 2	H	6151-6152				X	X
Year	1	PLTW-Introduction to Engineering Design 1 & 2	R	6143-6144	X	X	X	X	
Year	1	PLTW – Digital Electronics 1 & 2	R	6153-6154		X	X	X	X
Semester	½	Electricity, Electronics & Automation	R	6160	X	X	X	X	
Year	1	Graphic Design 1 & 2	R	6201-6202	X	X	X	X	
Year	1	Advanced Graphic Design 1 & 2	R	6203-6204			X	X	
Year	1	Capstone Graphic Design 1	H	6211-6212				X	X
Year	1	Capstone Graphic Design 2	H	6221-6222				X	X
Year	1	PLTW – Computer Science & Software Engineering	R	6227-6228		X	X	X	
Year	1	Metals FabLab 1 & 2	R	6231-6232		X	X	X	
Year	1	Advanced Metals FabLab 1 & 2	R	6233-6234			X	X	X
Year	2	Red Raider Manufacturing	H	6241-6252				X	X
Semester	½	Social Media (North only)	R	6253	X	X	X	X	
Year	1	Woods Production 1 & 2	R	6301-6302		X	X	X	
Year	1	Construction Trades	R	6303-6304		X	X	X	
Year	2	House Construction	H	6311-6322			X	X	X
Semester	½	Independent Study	R		X	X	X	X	X
Semester	½	Independent Study	H				X	X	X

During past years, student's requests for classes in some areas of technology education have exceeded the number of student learning stations. If we are forced to limit student enrollment in specific classes in technology education due to excessive student class requests, student selection will be based on the following guidelines: student's future career plans, grades in prerequisites, prior class attitudes, involvement and attendance.

View 9th-12th grade career maps for [Automotive Technician, Automotive Transportation, Electricity & Electronics, Engineering & Architecture, Graphic Communications, Metals & Manufacturing, Woodworking & Construction](http://www.sheboygan.k12.wi.us/schools/hscourses.html) at the following SASD web site: <http://www.sheboygan.k12.wi.us/schools/hscourses.html>

6051 INTRODUCTION TO CAD AND STEM

Grades 9, 10 & 11

Prerequisites: None

Semester Course - 1/2 credit

Regular

This course introduces students to CAD (computer assisted drafting) and STEM careers & technology. . Students will produce CAD drawings in the areas of, architecture, mechanical design & 3-D modeling, as well as participate in tours & research of area manufactures and careers in STEM.

6055 CISCO IT ESSENTIALS
Grades 9, 10, 11& 12 Semester Course - 1/2 credit
Prerequisites: None Regular

Imagine building a computer then connecting it securely to a network. This exciting first step could lead to a rewarding IT career. Because a very sure way to excel-no matter which area of IT you choose-is to learn the right computer fundamentals. This course is designed to give you hands-on experience exploring computer hardware and operating systems. Trouble-shooting and decision-making skills will be emphasized as you become familiar with operating systems, networks, disassembly, re-assembly of computers and the problems that commonly plague them. Upon completion of the course and passing of the final exam you will have Cisco IT Essentials certification.

6057 EXPLORING ROBOTICS & AUTOMATION North High School only
Grades 9, 10, 11, & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

Students will learn about Fanuc Robotics programming as well as explore topics in automation. Students will apply various technologies to perform processes and/or make products without human assistance. Automation topics include logical machine control circuits, programmable controllers, associated hardware and industrial robotics programming.

6058 MATERIALS & PROCESSES
Grades 9, 10 & 11 Semester Course - 1/2 credit
Prerequisites: None Regular

This semester course is an introduction to the materials and processes used by construction and manufacturing industries to produce its products. The student will construct projects as a means of learning about the materials and processes of industry. The primary materials that the students will use are wood, metal, and plastic. **Students must have and wear safety goggles. There is a \$5 shop fee to pay for student project materials.**

6060 PHOTOGRAPHY
Grades 9, 10, 11 & 12 Semester Course - 1/2 Credit
Prerequisites: None Regular

This course involves the study of digital photography, digital manipulation, camera modes/settings and light control. **It is highly recommended, but not required that each student provide his/her own digital camera for the class.** We'll learn how to take better pictures, how to manipulate a picture, correct color, make yourself or friends and family look as good as those on magazine covers, how to take an average picture and make it great, how to paint with light and much more. There is a \$15 material fee to help cover the cost of materials.

6100 POWER MECHANICS
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

Small Engines is an introduction to the two and four-cycle internal combustion engine. This course provides the student with the theory of operation of both two and four-cycle engines. It includes service, maintenance, troubleshooting, and covers all the sections of their interrelated operation. Students will also learn to use hand tools, power tools, and test equipment. **Students are responsible for the cost of repair parts for their personal small engines. Students must have and wear safety goggles. There is a \$5 shop fee for student projects.**

6101-6102 ADVANCED POWER MECHANICS 1 & 2
Grades 10, 11 & 12 Year Course – 1 credit
Prerequisites: Successful completion of Small Engines with a "C-" or above or instructor's permission Regular

It is designed for the student who has demonstrated above-average ability in small engines. The course includes service work in the care, theory, repair, and overhaul of engines and electrical systems. **Students must have and wear safety goggles. There is a \$5 shop fee for student projects.**

6103-6104 AUTOMOTIVE & ELECTRO-MECHANICS 1 & 2
 Grades 10, 11 & 12 Year Course - 1 credit
 Prerequisites: None Regular

A yearlong introductory automotive course that covers shop safety, tools and equipment, the fundamental principles of operation, common maintenance and service procedures, and basic automotive diagnostic procedures. Students will perform services and procedures on a variety of vehicles for a hands-on, practical learning experience. *A driver's license and vehicle to work on is recommended, but not required. Students are responsible for providing and wearing their own safety glasses.* Students will be responsible for the cost of all repair parts and supplies used on personal vehicles. **There is a \$5 shop fee for student projects.**

6105-6106 ADVANCED AUTOMOTIVE & ELECTRO-MECHANICS 1 & 2
 Grades 11 & 12 Year Course - 1 credit
 Prerequisites: Successful completion of Auto Transportation with a "C-" or above or instructor's permission Regular

This yearlong advanced level course designed to foster industry specific skills, will provide a greater depth of study of automotive servicing procedures and diagnostics relating to all vehicle systems. Proper service and diagnostic procedures and industry standards will be stressed. *A driver's license and vehicle to work on is recommended, but not required. Students must provide and wear their own safety glasses.* Students will be responsible for the cost of all repair parts and supplies used on personal vehicles. **There is a \$5 shop fee for student projects.**

6107 CONSUMER AUTO **North High School only**
 Grades 10, 11 & 12 Semester Course - 1/2 credit
 Prerequisites: None Regular

This course is for the student who wants to know more about buying, owning and maintaining an automobile. This course will rely heavily on demonstrations, guest speakers, and field trips to teach students about acquiring and maintaining the second biggest investment that they will make in their lives - the automobile. Only for students who have **not** taken any previous auto class.

6109-6110 PHOTOJOURNALISM **North High School only**
 Grades, 9, 10, 11 & 12 Year Course - 1 credit
 Prerequisites: none Regular

Photojournalism focuses on the application of cameras, lenses, filming, shooting, and editing in production of newsworthy photographs/media suitable for publication in newspapers, yearbooks, magazines, and other visual communications media. Photojournalism embraces the fundamentals of photography, including digital editing procedures, basic composition and exposure and the use of cameras. The course explores the importance of the visual images in communicating ideas and information.

6111-6112 CAPSTONE AUTOMOTIVE MECHANICS 1
 Grade 12 Year Course – 1 credit
 Prerequisites: Advanced Auto Transportation with a "C-" or above (Recommended) or completion of Auto Trans 1 & 2 with a "B" or above and instructor's permission. Honors
 Driver's license is required.

This two-hour, year-long course is for the Automotive career oriented student. The focus is on the continued in-depth study of all vehicle systems and advanced diagnostic strategies according to industry norms. Emphasis on application of theory, developing employability skills, and effective/efficient repair practices in all situations. Students will participate as a primary technician in Raider Repair or Redwing Repair on live vehicle work. Students must provide and wear their own safety glasses. Students will be responsible for the cost of all repair parts and supplies used on personal vehicles. There is a \$5 supply fee for student projects.

6121-6122 CAPSTONE AUTOMOTIVE MECHANICS 2

Grade 12	Year Course – 1 credit
Prerequisites: Advanced Auto Transportation with a "C-" or above (Recommended) or completion of Auto Trans 1 & 2 with a "B" or above and instructor's permission. Driver's license is required.	Honors

This two-hour, year-long course is for the Automotive career oriented student. The focus is on the continued in-depth study of all vehicle systems and advanced diagnostic strategies according to industry norms. Emphasis on application of theory, developing employability skills, and effective/efficient repair practices in all situations. Students will participate as a primary technician in Raider Repair or Redwing Repair on live vehicle work. Students must provide and wear their own safety glasses. Students will be responsible for the cost of all repair parts and supplies used on personal vehicles. There is a \$5 supply fee for student projects.

6131-6132 PLTW - PRINCIPLES OF ENGINEERING®

Grades 10, 11 & 12	Year Course - 1 credit
Prerequisites: PLTW - Introduction To Engineering Design®	Honors

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. **(PLTW college credit possible) At least two of the three math credits must be taught by the mathematics department. This course counts as a Math credit.**

6133-6134 PLTW – CIVIL ENGINEERING & ARCHITECTURE® A1

Grades 10, 11 & 12	Year Course - 1 credit
Prerequisites: None	Honors

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. **(PLTW college credit possible) At least two of the three math credits must be taught by the mathematics department. This course counts as a Math credit.**

6135-6136 ADVANCED ENGINEERING/ARCHITECTURE 1 & 2

Grades 11 & 12	Year Course - 1 credit
Prerequisites: PLTW-POE or CEA	Regular

This course focuses on project research & development in engineering or architecture. Students select their area of choice from previous PLTW courses and instructor consultation. A project is selected, researched, proposed, developed, and presented; all with proper drawings and documentation.

6141-6142 CAPSTONE ENGINEERING/ARCHITECTURE 1

Grade 12	Year Course - 1 credit
Prerequisites: 2 years PLTW &/or teacher approval	Honors

A year course, meeting for two (2) hours daily, open to seniors who have indicated a career choice related to engineering or architecture. Activities simulating problems in engineering drafting and architectural drafting, computer assisted design and drafting career decisions, and preparation for the world of work. A project is selected, researched, proposed, developed, and presented; all with proper drawings and documentation.

6151-6152 CAPSTONE ENGINEERING/ARCHITECTURE 2

Grade 12	Year Course - 1 credits
Prerequisites: 2 years PLTW &/or teacher approval	Honors

A year course, meeting for two (2) hours daily, open to seniors who have indicated a career choice related to engineering or architecture. Activities simulating problems in engineering drafting and architectural drafting, computer assisted design and drafting career decisions, and preparation for the world of work. A project is selected, researched, proposed, developed, and presented; all with proper drawings and documentation.

6143-6144 PLTW - INTRODUCTION TO ENGINEERING DESIGN®

Grades 9, 10, 11 & 12	Year Course - 1 credit
Prerequisites: None	Regular

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. **(PLTW college credit possible)**

6153-6154 PLTW - DIGITAL ELECTRONICS®

Grades 10, 11 & 12	Year Course - 1 credit
Recommended Prerequisite: PLTW - Introduction To Engineering Design® & POE	Regular

From smart phones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. **(PLTW college credit possible)**

6160 ELECTRICITY, ELECTRONICS & AUTOMATION

Grades 9, 10, 11 & 12	Semester Course - 1/2 credit
Prerequisites: None	Regular

This is a one-semester course designed to acquaint the student with an understanding of the nature of AC & DC electricity and problems, care and maintenance of everyday items in their lives. House wiring, circuit board construction and soldering activities will be utilized in this course.

6201-6202 GRAPHIC DESIGN 1 & 2

Grades 9, 10, 11 & 12	Year Course - 1 credit
Prerequisites: None	Regular

This course focuses on the software used in the graphic design industry. Learn how to create and edit stunning images in Adobe Photoshop; create bold and impressive vector designs in Adobe Illustrator and layout magazines and newspapers like a graphic designer in Adobe InDesign. Design concepts are touched on throughout the class, but focused on heavily in the last quarter of the year.

6203-6204 ADVANCED GRAPHIC DESIGN 1 & 2

Grades 11 & 12	Year Course - 1 credit
Prerequisites: Graphic Design	Regular

This course provides a variety of design projects for the student interested in a graphics career. You will work cooperatively with me and your client/s to meet their graphic needs. Design such things as the school play poster, hockey program, girl's basketball program, softball program, various design projects for the school and community. We also start to examine portfolio development.

6211-6212 CAPSTONE GRAPHIC DESIGN 1

Grade 12

Prerequisites: Graphic Design, Advanced
Graphic Design, or Instructor Consent

Year Course - 1 credits

Honors

This course provides a variety of design projects for the student interested in a graphics career. You will work independently with clients to meet their design needs. Design such things as the school play poster, hockey program, girl's basketball program, softball program, various design projects for the school and community. There is a strong focus on preparing you for your selected college track and portfolio development.

6221-6222 CAPSTONE GRAPHIC DESIGN 2

Grade 12

Prerequisites: Graphic Design, Advanced
Graphic Design, or Instructor Consent

Year Course 1 credit

Honors

This course provides a variety of design projects for the student interested in a graphics career. You will work independently with clients to meet their design needs. Design such things as the school play poster, hockey program, girl's basketball program, softball program, various design projects for the school and community. There is a strong focus on preparing you for your selected college track and portfolio development.

6227-6228 PLTW – COMPUTER SCIENCE & SOFTWARE ENGINEERING

Grades 10, 11 & 12

Prerequisites: None

Year Course - 1 credit

Regular

Open doors in any career with computer science! In CSE, students create apps for mobile devices, automate tasks in a variety of languages, and find patterns in data. Students collaborate to create and present solutions that can improve people's lives, and weigh the ethical and societal issues of how computing and connectivity are changing the world. **(PLTW college credit possible)**

6231-6232 METALS FABLAB 1 & 2

Grades 10, 11 & 12

Prerequisites: None

Year Course - 1 credit

Regular

This Metal Production course will give students an opportunity to develop basic skills in various areas of the metal working industry. Required projects and exercises in different types of welding, sheet metal, types and uses of machine tools, foundry, and working with hand tools in the bench metal area will be used to make students aware of the many metal working processes. Students will also be able to concentrate in a specific area through the production of a project of their own choice with instructor approval. **Students are responsible for safety glasses. There is a \$5 shop fee for student projects.**

6233-6234 ADVANCED METALS FABLAB 1 & 2

Grades 11 & 12

Prerequisites: Successful completion of
Metals Production with a "C-" or above or instructor's permission

Year Course - 1 credit

Regular

This Advanced Metal Production course will provide students an opportunity to develop more advanced skills in the metal working areas, which were covered in the metal production course. Additional skills in welding, advanced machine tools and other metals technologies will be developed through the use of exercises and projects. Students will also be able to concentrate in specific areas of interest through individual projects with instructor approval. **Students are responsible for safety glasses.**

There is a \$5 shop fee for student projects.

6241-6252 RED RAIDER MANUFACTURING

Grade 12

Prerequisites: Successful completion of
Advanced Metals Production with a "B-" above or instructor's permission

Year Course - 2 credits

Honors

This two-hour course is designed for the student who is planning a career in the metalworking field. Development of technical skills is stressed along with skill development in lathe and milling machine operation. CAD, CAM, CNC, GMAW, GTAW, and SMAW welding, sheet metal pattern drafting, and oxy-acetylene welding and cutting. Students may also specialize in areas of their choice with instructor permission. **Student exercises and projects will vary depending which areas the students wish to specialize in. Students are responsible for the cost of supplies and safety glasses. There is a \$5 shop fee for student projects.**

6253 SOCIAL MEDIA
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: None Regular

This course provides students with an introduction to the history, theory, technology, marketing, credibility, ethics and uses of social media. Social media is a technological forum that enables individuals to create, collaborate, and share messages with audiences of all sizes. Students will explore the possibilities and limitations of social media and will have hands-on experience with several forms of social media technology. Those who complete this course will know how to use social media productively and have a framework for understanding and evaluating new tools and platforms through the lens of a 21st century citizen.

6301-6302 WOODS PRODUCTION
Grades 10, 11 & 12 Year Course - 1 credit
Prerequisites: None Regular

Students taking Woods Production will be introduced to the wood products industry with a hands-on approach. Course work includes learning how to safely and productively utilize modern wood production and cabinetmaking tools, materials and techniques. Working individually, or as part of a team, students will learn how to use the woodworking equipment by building furniture and cabinetry. The student is responsible for the cost of all projects and safety glasses.

6303-6304 CONSTRUCTION TRADES
Grades 10, 11 & 12 Year Course - 1 credit
Prerequisites: None Regular

This course will provide students the opportunity to explore the construction trades in a classroom and lab environment. Technical skills and related theories associated with residential construction will be developed through hands on project-based learning. Construction activities include, but are not limited to the following: safety procedures, building layout, rough construction, finish carpentry, applied mathematics, and career opportunities. Safety glasses are required. **At least two of the three math credits must be taught by the mathematics department. This course counts as a Math credit.**

6311-6322 HOUSE CONSTRUCTION
Grades 11 & 12 Year Course - 2 credits
Prerequisites: Construction Trades, Honors
instructor's permission, on pace to graduate

This year-long course meets for two hours daily and is open to students who have indicated a career choice related to the building trades, partially carpentry. Students will develop carpentry skills by using tools and materials in the construction of a residential home. Students are provided information and develop skills in the areas of preparing and setting foundations, rough framing, utilities, interior and exterior finishing, and site completion. The course content is closely related to the current technology used in the building construction industry. This hands-on course strongly resembles the pace and expectations of an actual construction crew.

Up to 500 hours credit possible toward adult apprenticeship program. Enrollment is limited. Acceptance into the program will be by application and interview.

INDEPENDENT STUDY
Grades 9, 10, 11 & 12 Semester Course - 1/2 credit
Prerequisites: Permission of instructor Regular

Occasionally a student will request a class, which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule that student for that class.

INDEPENDENT STUDY
Grades 11 & 12 Semester Course - 1/2 credit
Prerequisites: Permission of instructor Honors

Honors independent study is a program in which an extremely well-motivated student can set up a search for advanced knowledge beyond the level of the course offerings. The student must be willing to pursue a topic in-depth, assess his/her own capacity for self-directed learning, express him/herself creatively, improve his/her ability, and develop self-discipline. Originality is an integral part of this program. **Independent Study honors credit will only be awarded to students who have completed the highest advanced level courses in the subject area of the independent study.**

WORK-BASED LEARNING OPPORTUNITIES: EARN \$ AND CREDITS WHILE YOU LEARN

Technology Education Co-op. Students need to work an average of 5-15 hours per week in a career related job while also taking an upper level technology education course. Transportation is needed to get to the job site, which could take place during or after normal school hours.

6410-6420 TECHNOLOGY EDUCATION CO-OP

Grades 11 & 12
Prerequisites: Concurrent enrollment in upper level technology education class and instructor's permission.

Year Course - 1/2 - 3 credits
Regular

This is a year course, semester divided, open to all students enrolled in an advanced technology education course. An average of 5-15 hours of work weekly with a local industry (work station) is required. Student placement is dependent upon student interviews and the availability of workstations.

AUTOMOTIVE TECHNICIAN YOUTH APPRENTICESHIP

Grades 11 & 12
Prerequisites: Permission of parent, school, and work mentors. Students must be on track for graduation and must be interviewed/hired by local Youth Apprenticeship employers in the spring of their sophomore or junior year.

Two year program
4 credits per year
Honors

For students focused on a career in auto mechanics. Students apply through their counselor in early March of their sophomore year and attend eight Lakeshore Technical College courses (21 college credits) that align with their **paid** work experience. Transportation must be available for travel to work site and LTC campus. A mentor is assigned to the student at the job site.

MECHANICAL DESIGN YOUTH APPRENTICESHIP

Grades 11 or 12
Prerequisites: Permission of parent, school, and work mentors. Students must be on track for graduation and must be interviewed/hired by local Youth Apprenticeship employers in the spring of their sophomore or junior year.

One year program
4 credits per year
Honors

For students focused on a career in drafting and design. Students apply through their counselor in early March of their sophomore or junior year and attend four Lakeshore Technical College courses (8 college credits) that align with their **paid** work experience. Transportation must be available for travel to work site and LTC campus. A mentor is assigned to the student at the job site.

INDUSTRIAL EQUIPMENT YOUTH APPRENTICESHIP

Grades 11 or 12
Prerequisites: Permission of parent, school, and work mentors. Students must be on track for graduation and must be interviewed/hired by local Youth Apprenticeship employers in the spring of their sophomore or junior year.

One year program
4 credits per year
Honors

For students focused on a career in industrial maintenance. Students apply through their counselor in early March of their sophomore or junior year and attend three Lakeshore Technical College courses (4 college credits) that align with their **paid** work experience. Transportation must be available for travel to work site and LTC campus. A mentor is assigned to the student at the job site.

MANUFACTURING/MACHINING YOUTH APPRENTICESHIP

Grades 11 or 12 One year program
 Prerequisites: Permission of parent, school, 4 credits per year
 and work mentors. Students must be on track Honors
 for graduation and must be interviewed/hired by local Youth Apprenticeship employers in the spring of their
 sophomore or junior year.

For students focused on a career in computer numerical control (CNC) machining. Students apply through their counselor in early March of their sophomore or junior year and attend four Lakeshore Technical College courses that align with their **paid** work experience. Transportation must be available for travel to work site and LTC campus. A mentor is assigned to the student at the job site.

WELDING YOUTH APPRENTICESHIP

Grades 11 or 12 One year program
 Prerequisites: Permission of parent, school, 4 credits per year
 and work mentors. Students must be on track Honors
 for graduation and must be interviewed/hired by local Youth Apprenticeship employers in the spring of their
 sophomore or junior year.

For students focused on a career in welding. Students apply through their counselor in early March of their sophomore or junior year and attend four Lakeshore Technical College courses (4 college credits) that align with their **paid** work experience. Transportation must be available for travel to work site and LTC campus. A mentor is assigned to the student at the job site.

WORLD LANGUAGES

According to the ACT website, several courses, including World Languages courses, are associated with significant increases in students' ACT scores. Data shows a correlation between years of World Languages study and increased ACT scores.

Course Length	Credit	Name of Course	Level	Course Number	9	10	11	12	Prerequisite
Year	1	French 1A & 1B	R	4051-4052	X	X	X	X	
Year	1	French 2A & 2B	R	4053-4054	X	X	X	X	X
Year	1	French 3A & 3B	H	4055-4056		X	X	X	X
Year	1	French 4A & 4B	H	4057-4058			X	X	X
Year	1	French 5A & 5B	H	4059-4060				X	X
Year	1	German 1A & 1B	R	4061-4062	X	X	X	X	
Year	1	German 2A & 2B	R	4063-4064	X	X	X	X	X
Year	1	German 3A & 3B	H	4065-4066		X	X	X	X
Year	1	German 4A & 4B	H	4067-4068			X	X	X
Year	1	German 5A & 5B	H	4069-4070				X	X
Year	1	Spanish 1A & 1B	R	4071-4072	X	X	X	X	
Year	1	Spanish 2A & 2B	R	4073-4074	X	X	X	X	X
Year	1	Spanish 3A & 3B	H	4075-4076		X	X	X	X
Year	1	Spanish 4A & 4B	H	4077-4078			X	X	X
Year	1	Spanish 5A & 5B	H	4079-4080				X	X
Year	1	Chinese 1A & 1B	R	4081-4082	X	X	X	X	
Year	1	Chinese 2A & 2B	R	4083-4084	X	X	X	X	X
Year	1	Chinese 3A & 3B	H	4085-4086		X	X	X	X
Year	1	Chinese 4A & 4B	H	4087-4088			X	X	X
Year	1	Chinese 5A & 5B	H	4089-4090				X	X
Semester	½	Independent Study	R		X	X	X	X	X
Semester	½	Independent Study	H				X	X	X

4051-4052 FRENCH 1A & 1B

Grades 9, 10, 11 & 12

Prerequisites: None

Year Course - 1 credit

Regular

French 1A & 1B is an introduction to the language as well as to the culture of France and other French-speaking countries. All four basic language skills - listening, speaking, reading, and writing are used and assessed. Use of authentic audio, visual and written material is used to enhance the learning experience in class. Students are active learners in the classroom using music, videos, games, and online applications to reinforce content and expand their knowledge.

4053-4054 FRENCH 2A & 2B

Grades 9, 10, 11 & 12

Prerequisites: French 1A & 1B or consent of instructor

Year Course - 1 credit

Regular

French 2A & 2B is designed to improve the basic skills learned in French 1A & 1B. Lessons contain short readings, vocabulary, grammar, and various activities to be done orally and/or in writing. These activities enable students to use the material in a personal and authentic manner. Use of authentic audio, visual and written material is used to enhance the learning experience in class. Students are active learners in the classroom using music, videos, games, and online applications to reinforce content and expand their knowledge.

4055-4056 FRENCH 3A & 3B

Grades 10, 11 & 12

Prerequisites: French 2A & 2B or consent of instructor

Year Course - 1 credit

Honors

In French 3A & 3B oral competence is further developed, and grammar is reviewed and continued. Reading and writing skills are improved. Students expand their knowledge of grammar structure and vocabulary so they are prepared to read authentic texts. More emphasis is placed on developing cultural insights. The class is taught in French as much as the subject matter will allow. Students are called upon to use French in both everyday and original situations. Use of authentic audio, visual and written material is used to enhance the learning experience in class. Students are active learners in the classroom using music, videos, games, and online applications to reinforce content and expand their knowledge.

4057-4058 FRENCH 4A & 4B

Grades 11 & 12

Prerequisites: French 3A & 3B or consent of instructor

Year Course - 1 credit

Honors

In French 4A & 4B the emphasis on the four skills of listening, speaking, reading, and writing is continued. There is review of the basics of French grammar. Students do more oral and written composition on a variety of topics. Excerpts from literature, magazines, newspapers, and/or a novel are studied. The choice of reading selections is geared to the increased abilities and to the interests of students. French is used almost exclusively in the classroom. Use of authentic audio, visual and written material is used to enhance the learning experience in class. Students are active learners in the classroom using music, videos, and online applications to expand their knowledge.

4059-4060 FRENCH 5A & 5B

Grade 12

Prerequisites: French 4A & 4B or consent of instructor

Year Course - 1 credit

Honors

As the most advanced French class, this class provides an opportunity for a student to become proficient in all the basic skills and/or to bridge the gap between high school and college French. Excerpts from literature, magazines, newspapers, and/or a novel are studied and discussed. Oral and written compositions help students maintain and develop both oral and written skills. French is used exclusively in the classroom. Use of authentic audio, visual and written material is used to enhance the learning experience in class. Students are active learners in the classroom using music, videos, and online applications to expand their knowledge.

4061-4062 GERMAN 1A & 1B

Grades 9, 10, 11 & 12

Prerequisites: None

Year Course - 1 credit

Regular

Students will be exposed to the foundations, structure and pronunciation of the language. Basic vocabulary is presented and learned. The approach to the study of German will be mainly conversational with emphasis on reading and writing as well. In addition, information concerning German life and cultural heritage is introduced through the textbook. Students will acquire oral mastery of basic structural patterns and vocabulary, enough to enable them to discuss subject matter of the course in simple German. These goals will be supplemented through the use of tapes in the language lab, films and videos, and CD-ROM. Students are required to keep German information in a binder.

4063-4064 GERMAN 2A & 2B

Grades 9, 10, 11 & 12

Prerequisites: German 1A & 1B or consent of instructor

Year Course - 1 credit

Regular

This course is a continued development of listening, reading, writing, and speaking proficiency. The previous year's work is reinforced through conversational practice. Although the student still needs to imitate, repeat, and work with pattern drills, he/she will have opportunities to practice speech production in large or small groups. Basic textbook material and grammar topics are being presented and then reported on in simple German - orally and in writing. Vocabulary is expanded. The language lab, videos, and other supplementary materials are used. A German binder is kept.

4065-4066 GERMAN 3A & 3B

Grades 10, 11 & 12

Prerequisites: German 2A & 2B or consent of instructor

Year Course - 1 credit

Honors

We practice more and more oral comprehension through a conversational approach. This level reinforces and continues the grammar introduction begun in levels 1 through 4. The primary objective is still the development of the student's ability to communicate in spoken and written German. By the end of this year the students will have learned to handle many everyday situations in a German speaking environment. In-class dialogs, talks, free conversation, short essays, paragraphs and letter writing are undertaken, with greater and better understanding and accuracy. A German vocabulary binder is kept. This course is conducted in German as much as the subject matter allows.

4067-4068 GERMAN 4A & 4B

Grades 11 & 12

Prerequisites: German 3A & 3B or consent of instructor

Year Course - 1 credit

Honors

A more detailed study of the German language is made with emphasis on comprehension and conversation. Grammar is continued and reviewed as it applies and language skills are much improved. Reports are given, journals kept, short essays and research papers are written, and native speakers may be brought in. We also consider literary topics, developing student's ability for critical reading and comprehension. Students also learn 20th Century German, geography, history, and everyday life through mini-projects. A German vocabulary notebook and a journal are kept. The course is conducted almost exclusively in German. **A dictionary may need to be purchased.**

4069-4070 GERMAN 5A & 5B

Grade 12

Prerequisites: German 4A & 4B or consent of instructor

Year Course - 1 credit

Honors

German 5A & 5B is an advanced study of German. Reading includes literary pieces, poetry and drama. Students complete a variety of listening comprehension exercises from tapes and videos. Grammar is reviewed. A German notebook and journal are kept. This course is conducted almost entirely in German. Emphasis is on conversation concerning everyday topics, class related discussions, and expansion of vocabulary. The students do a major writing project each quarter.

4071-4072 SPANISH 1A & 1B

Grades 9, 10, 11 & 12

Prerequisites: None

Year Course - 1 credit

Regular

Spanish 1A & 1B is an introduction to the language and the culture of the many countries in which Spanish is spoken. All four basic language skills - listening, speaking, reading, and writing are used and assessed. Use of authentic audio, visual, and written material is used to enhance the learning experience in class. Students are active learners in the classroom using videos, games, music, and online applications to reinforce content and expand their knowledge.

4073-4074 SPANISH 2A & 2B

Grades 9, 10, 11 & 12

Prerequisites: Spanish 1A & 1B or consent of instructor

Year Course - 1 credit

Regular

Spanish 2A & 2B is designed to further strengthen skills gained in Spanish 1A & 1B. Lessons contain short readings, vocabulary, grammar, and various activities to be done orally and/or in writing. These activities enable students to use the material in a personal and authentic manner. Use of authentic audio, visual, and written material is used to enhance the learning experience in class. Students are active learners in the classroom using videos, games, music, and online applications to reinforce content and their knowledge.

4075-4076 SPANISH 3A & 3B

Grades 10, 11 & 12

Prerequisites: Spanish 2A & 2B or consent of instructor

Year Course - 1 credit

Honors

In Spanish 3A and 3B oral competence is further developed, and grammar is reviewed and continued. Reading and writing skills are improved. Students expand their knowledge of grammar structure and vocabulary so they are prepared to read authentic texts. More emphasis is placed on developing cultural insights. The class is taught in Spanish as much as the subject matter will allow. Students are called upon to use Spanish in both everyday and original situations. Use of authentic audio, visual, and written material is used to enhance the learning experience in class. Students are active learners in the classroom using videos, games, music, and online applications to reinforce content and expand their knowledge.

4077-4078 SPANISH 4A & 4B

Grades 11 & 12

Prerequisites: Spanish 3A & 3B or consent of instructor

Year Course - 1 credit

Honors

In Spanish 4A and 4B the emphasis on the four skills of listening, speaking, reading, and writing is continued. There is review of the basics of Spanish grammar. Students do more oral and written composition on a variety of topics. Excerpts from literature, film, newspapers, and/or a novel are studied. The choice of reading selections is geared to the increased abilities and to the interests of students. Spanish is used almost exclusively in the classroom. Use of authentic audio, visual, and written material is used to enhance the learning experience in class. Students are active learners in the classroom using videos, and online applications to expand their knowledge.

4079-4080 SPANISH 5A & 5B

Grade 12

Prerequisites: Spanish 4A & 4B or consent of instructor

Year Course - 1 credit

Honors

Spanish 5A & 5B is for the advanced study of Spanish. Reading includes literary pieces, poetry, and drama. Related writings are done on adapted Spanish classics. Oral and written compositions help students maintain and develop both oral and written skills. Spanish is used exclusively in the classroom. Use of authentic audio, visual, and written material is used to enhance the learning experience in class. Students are active learners in the classroom using videos, and online applications to expand their knowledge.

There may be an option available for Spanish 5A students to enroll in an Academic Alliance with UW-Green Bay. The course aligns with Spanish 202 at UW-GB with the potential for earning 3 undergraduate credits. Upon successful completion (B or higher) a student may also be eligible for 11 retroactive credits.

4081-4082 CHINESE 1A & 1B

Grades 9, 10, 11 & 12

Prerequisites: None

Year Course - 1 credit

Regular

Chinese 1A & 1B is an introduction to the language and culture of China. Students will be exposed to the foundation, structure and pronunciation of Mandarin. All four basic language skills -- listening, speaking, reading, and writing are introduced. Basic vocabulary is presented. In addition, information concerning life in China and its cultural heritage is introduced. Students will acquire oral mastery of basic structural patterns and vocabulary, enough to enable them to discuss subject matter of the course in simple terms.

4083-4084 CHINESE 2A & 2B

Grades 9, 10, 11 & 12

Prerequisites: Chinese 1A & 1B

Year Course - 1 credit

Regular

This course is a continued development of listening, reading, writing, and speaking proficiency in Mandarin. The previous year's work is reinforced through conversational practice. Although the student still needs to imitate, repeat, and work with pattern drills, he/she will have opportunities to practice speech production in large or small groups. Lessons contain short readings, vocabulary, and various activities to be done orally and in writing. These activities enable students to use the material in a practical, creative and personal manner. Basic textbook materials are presented and then reported on in basic Mandarin - orally and in writing. Vocabulary is expanded. Videos and other supplementary materials are used.

4085-4086 CHINESE 3A & 3B

Grades 10, 11 & 12

Prerequisites: Chinese 2A & 2B or consent of the instructor

Year Course - 1 credit

Honors

Emphasis is placed on vocabulary expansion with concentration on the conversational approach. The primary objective is the development of the student's ability to communicate in spoken and written Chinese. In class dialogs and short writings are developed. This course is conducted in Chinese as much as the subject matter allows.

4087-4088 CHINESE 4A & 4B

Grades 11 & 12

Prerequisites: Chinese 3A & 3B or consent of the instructor

Year Course - 1 credit

Honors

In Chinese 4A & 4B the emphasis on the four skills of listening, speaking, reading, and writing are continued. Story reading and paragraph writing will be developed. In-class conversation on a variety of topics on Chinese culture will be introduced and practiced. Emphasis is on building conversation, writing, and reading on more complex topics. This course is conducted almost entirely in Chinese. This course prepares students for a smooth transition from high school to college Mandarin study.

4089-4090 CHINESE 5A & 5B

Grades 12

Prerequisites: Chinese 4A & 4B or consent of the instructor

Year Course - 1 credit

Honors

Chinese 5A & 5B is for the advanced study of Chinese. This class allows the student to become proficient in all the basic skills and reach a first-year college Chinese level or above. Reading includes literary pieces and poetry. Students complete a variety of listening comprehension exercises from audios and videos. This course is conducted almost entirely in Chinese. Emphasis is on conversation of everyday topics and class related discussions. The students are required to do a major writing project each quarter. Students will be expected to do daily assignments, perform orally in class, and create outside projects.

INDEPENDENT STUDY

Grades 9, 10, 11 & 12

Prerequisites: Permission of instructor

Semester Course - 1/2 Credit

Regular

Occasionally a student will request a class, which will be cancelled because of a lack of members necessary to schedule that class within the school day. In such a case, the student may elect to take an independent study course, which will meet his/her needs. If an instructor is available to act as an independent study advisor, the student's counselor may schedule that student for that class.

INDEPENDENT STUDY

Grades 11 & 12

Prerequisites: Permission of instructor

Semester Course - 1/2 Credit

Honors

Honors independent study is a program in which an extremely well-motivated student can set up a search for advanced knowledge beyond the level of the course offerings. The student must be willing to pursue a topic in-depth, assess his/her own capacity for self-directed learning, express him/herself creatively, improve his/her ability, and develop self-discipline and self-reliance. Originality is an integral part of this program.

Independent Study Honors credit will only be awarded to students who have completed the highest advanced level course in the subject area of the independent study.

Central High School

“Everyone Successful Everyday: Success is Central here.”

Central High School offers a small, family atmosphere high school to students in the Sheboygan Area School District who are seeking to earn their diploma in a non-traditional way. Students who may not be successful in a large, traditional high school are likely to thrive at Central High School.

Central High School’s curriculum offers individualized options:

- Project-based learning
- Traditional schedule classes
- Class sizes of 18 or fewer
- Trimester Schedule
- Early College Model – LTC courses offered on site and on LTC campus
- Additional independent courses, including Compass Learning options
- Integrated curriculum courses
- Attendance and behavior intervention programs
- Responsibility Period for individual teacher-student interaction
- Work experience program with option for Employability Skills Certificate Program
- Integrated arts courses, such as Lifetime Fitness, Art, Family Living Skills
- Flexible scheduling, including an extended day with our after school program
- Project GRILL through LTC
- Student Government
- Intramural athletics
- Highly trained staff committed to alternative education
- Summer and after school credit recovery with independent courses and projects
- TAPP program, offering pregnant or parenting students support, academics, and instructional daycare
- Capstone program, offering flexible scheduling for accelerated credit recovery using independent courses
- GED Option 2 program
 - Capstone program, offering flexible scheduling for accelerated credit recovery using independent courses
 - GED Option 2 program



ÉTUDE
high school

Étude High School

At the Étude High School we are dedicated to preparing students for our rapidly changing world. Étude offers a rigorous academic program focused on innovative thinking and creative problem solving. Étude curriculum's main objective is to teach standards-based academic content in an engaging 21st Century format that prepares students for college while providing an opportunity to extend their academic knowledge. The knowledge learned in each discipline is then synthesized with other disciplines to create new and original ideas of value. Étude High School students learn to use their minds well and thrive in an era with exponential growth in technology and information. Our graduates are powerful communicators, innovators, and leaders.

Mission

Étude is an educational network that applies an experiential approach to empower people to think critically, engage creatively, and establish strong human connections in order to cultivate the next generation of changemakers.

Credo

Intelligence: We believe in empowering people to grow intellectually, stimulating their curiosity and guiding them to be self-actualized critical thinkers. Educated empowerment is our biggest challenge and our most satisfactory result.

Authenticity/Experiential: We believe education needs to be an authentic process —relevant and contextual— to engage students in learning that is modeled after professional disciplines, Habits of Mind, and Habits of Professionalism/Learning. Our approach helps people naturally pursue knowledge that is relevant to the real world and entails more than other traditional, standardized, and prescriptive models.

Creativity: We ignite people's desire to develop original ideas that have merit to others.

Diversity: We cultivate a diverse environment in all of our programming in order to foster divergent thinking, innovation, cultural exchange, intellectual expansion, and civil discourse.

Equity: We believe in providing equal access to opportunity as a means to achieve social justice.

Empowerment: We believe education is a powerful instrument that should help people grow by developing metacognitive and critical thinking habits. It is meant to help them achieve an intellectual and emotional well-being along with a sense of fulfilment. We understand individual evolution as a transformative and infinite-yet-measurable process.

Community: We believe that our community is a joyful environment, where humane interaction is part of an evolving participatory culture. In that sense, we have created a positive space where students, staff, and families are collaborative, engaged, and committed.

Passion: We believe that people learn best when they are passionate about what they learn and the way they learn it.

Humanities Courses - Dual Credit: Social Studies and Language Arts

***Social Perspectives**

In this course, Social Geographers read a wide variety of texts, print and nonprint, that explore various social perspectives and how those perspectives have shaped the current world. The texts analyzed in this course parallel lessons that introduce and practice formal and informal writing: analysis, narrative, synthesis, reflection. The combination of texts and writing assignments will heighten the Social Geographers' awareness of style and purpose, audience, and recognition of language in development of their own writing skills. The texts are also aligned with historical studies and social behavior lessons in the Social Studies content area, aimed at investigating human nature and societal norms in order to better understand the world at large.

Grades: 9, 10, 11 & 12
Prerequisites: None

Year Course

Credit: 1.0 LA credit and 1.0 SS credit
Regular

***American Studies**

This integrated course will allow students to explore aspects of the American experience through the analysis of historical documents, literature, art, architecture and political theory. Students will examine the moral vision and anthropology of various influential Americans and the outcome of their roles in American history. Research and academic writing skills will be developed and refined through the analysis and evaluation of scholarly journal articles and writing portfolios.

Grades: 9, 10, 11 & 12
Prerequisites: None

Year Course

Credit: 1.0 LA credit and 1.0 SS credit
Regular

***Global Studies**

This course has been designed to give students the opportunity to study world history through various disciplines, including art, literature and political and economic theory. Students will examine revolutions, colonization, struggle and reform through historical lenses. Research and academic writing skills will be developed and refined through the analysis and evaluation of scholarly journal articles and writing portfolios. Global Studies will be split into sections, offering various areas of study: European Studies; African Studies; Asian and Middle Eastern Studies; Latin Studies.

Grades: 9, 10, 11 & 12
Prerequisites: American Studies

Year Course

Credit: 1.0 LA credit and 1.0 SS credit
Regular

***Issues and Ethics**

This individualized course is designed to allow students who have completed American and Global Studies to examine current global issues through a sequence of trimester-long courses. Students will delve into specific issues facing today's world at large and will also determine America's role in dealing with potential problems and issues on a global scale. Possible current issues include global environmental problems, human rights and foreign relations.

Grades: 9, 10, 11 & 12
Prerequisites: American Studies and Global Studies

Year Course

Credit: 1.0 LA credit and 1.0 SS credit
Regular/Honors

Life Science Courses

Biology: Integrated Life Science

Biology is the study of life. It is a lab class and fulfills the SASD and Wisconsin requirements for a life science course. All Etude High students will take this integrated biology course organized around the concepts of scientific inquiry; patterns in ecology, genetics and evolution; and structure/function dynamics in living things. This inquiry-based science course blends classroom collaborative learning activities with individualized on-line assessments and projects.

Grades: 9, 10, 11 & 12
Prerequisites: None

Year Course

1 Credit
Regular

Ecology and Art *This class will meet in the odd-numbered years (i.e. 2019-20, but not 2020-21). Ecology is the study of the interactions between organisms and their environments. Environmental Art focuses on local ecosystems and environmental issues. Creative and critical thinking, invention and inquiry are the tools used to explore ecosystems, patterns in nature, adaptation, and biomonitoring. The class will also work on projects to investigate our society’s effects on the environment both locally and globally.

Grades: 10, 11 & 12	Year Course	1 Credit
Prerequisites: None		Regular/Honors

Human Anatomy & Physiology *This class will meet in the odd-numbered years (i.e. 2019-20, but not 2020-21). Human Anatomy and Physiology employs a systems analysis approach to the structure and function of the human body. Examining structure to function relationships is one of the core themes in Biology. This laboratory science course will analyze relationships between body systems and study physiology from the cellular to the systemic level. This course is recommended for those pursuing a career in the health science field and has a substantial laboratory component, including a fetal pig dissection.

Grades: 10, 11 & 12	Year Course	1 Credit
Prerequisites: Biology or consent of instructor		Regular/Honors/Laboratory Science

Botany *This class will meet in the even-numbered years (i.e. 2019-20, but not 2020-21). Botany is a life science course for students interested in the unique world of plants and their role in the environment. The course includes in-depth study of plant anatomy, morphology, physiology, and ecology. Real-world applications include the study and practice of integrated pest management, propagation, and indoor/outdoor landscape design, construction, and landscape maintenance. This project-based laboratory science course will tackle local plant-related environmental issues. Collaborative and individual projects are the main assessments for the class.

Grades: 10, 11 & 12	Year Course	1 Credit
Prerequisites: Biology or consent of instructor		Regular/Honors/Laboratory Science

Animal Kingdom (Honors Zoology) *This class will meet in the even-numbered years (i.e. 2016-17, but not 2017-18) Animal Kingdom is a zoology survey course based on the understanding that science is much more a way of thinking about and understanding the world than it is a body of facts. In Animal Kingdom, students will be immersed in the process of scientific investigation, analysis, and discovery. The course balances investigations into the anatomy, physiology, and ecology of the major groups of vertebrate and invertebrates with thinking exercises to identify patterns in nature and to investigate animal issues such as habitat loss, invasive species, and loss of genetic biodiversity. This class has a substantial laboratory component, including several dissections, as well as both collaborative and individual projects.

Grades: 10, 11 & 12	Year Course	1 Credit
Prerequisites: Biology or consent of instructor		Regular/Honors/Laboratory Science

Physical Science Courses

Chemistry

Why are metals shiny? Are all acids dangerous? Why can’t we eat fish caught in the Sheboygan River? Chemistry is the study of matter, including its structure and interactions. It’s hard to find anything that isn’t chemistry. Beginning with patterns and trends encoded on the Periodic Table, through reaction types and energy, chemistry students use experiments, physical and mathematical models, technology and art to describe and predict the structure and behavior of atoms and molecules. By focusing on a deep understanding of core chemistry themes students will develop a foundational knowledge base about the physical world.

Grades: 9, 10, 11 & 12	Year Course	1 Credit
Prerequisites: Biology or consent of instructor		Regular

College Calculus

For those students looking to get a head start on their collegiate mathematical studies, Etude High offers this introduction into the studies of calculus. The course begins with an in-depth look at the concepts of limits, then moves through explorations of integration and derivation in both two and three dimensions. To better prepare students for the collegiate experience, the class will be set up like a college course with some days dedicated to learning new material and others focusing solely on discussion.

Grades: 9, 10, 11 & 12	Year Course	1 Credit
Prerequisites: Exploration Into Variables, Exploration Into Physical Mathematics, and Exploration Into Abstract Thought, Pre-Calculus OR Algebra, Geometry and Algebra II		Regular

Spanish Courses

¡Entre el mundo! (Enter the world)

Focus will be on the building blocks of the Spanish language and culture. Students will begin with the basics in vocabulary, grammar, and culture. While advancing in those areas, oral, written, spoken, and listening formats will be used to gain full appreciation and understanding of the language. All of these topics will help to set the stage to effectively communicate in Spanish. We will cover many topics: alphabet, pronunciation, general greetings, conjugation in the present tense of regular and irregular verbs, short readings, listening activities, and much more. While exploring the language of Spanish, culture topics from various countries of the Spanish-speaking world will be explored with an emphasis on holiday celebrations.

Grades: 9, 10, 11 & 12	Year Course	1 Credit
Prerequisite: None		Regular

¿Qué dijiste? (What did you say?)

Now armed with a basic understanding of the Spanish language, students will advance and dig deeper into the language and culture. Students will continue to utilize the language with reading, writing, speaking, and listening activities with the majority of the class communication being in Spanish. The focus, of the second year is to expand the uses of the vocabulary and grammar learned in the first year of Spanish. More fine-tuning of grammatical structures will take place as well as a major emphasis being placed on learning the two past tenses of the Spanish language. Students will focus on the influence of music in the Hispanic culture and continue to appreciate the similarities and differences.

Grades: 9, 10, 11 & 12	Year Course	1 Credit
Prerequisite: Consent of instructor		Regular

Todo junto (Everything Together)

Students are now fully immersed in a Spanish-speaking classroom with the class being taught in Spanish and students are required to utilize the skills they have attained from their first and second years. As in all of the Spanish classes, reading, writing, speaking and listening take the stage for learning more about the language and cultures. More vocabulary, grammar, and culture will be added to the students' knowledge base, allowing them to become more fluid in speech, writing and reading of the language. This year begins with a large review of all grammar that has been learned to date with a focus on the future, subjunctive, and perfect tenses to round out the students' knowledge base of language.

Grades: 9, 10, 11 & 12	Year Course	1 Credit
Prerequisites: Consent of instructor		Regular

Étude High School Project Block

Project Block is a core part of the educational program at Étude High School, providing a place where students explore their own interests and concerns, research them and ultimately create original works of art, engineering products, policy papers, or experiments that reflect their learning. Students move through a process of ideation, research, creation, exhibition, and reflection for a project in each semester over their four years in grades 9-12. Through this process students learn to generate ideas based on observation and experience, research them and create original work that clarifies, interrogates, extends, or challenges them. These classes build from academic coursework and arts/engineering seminar courses that provide students with the skills and knowledge in each discipline. Project Block provides students the opportunity to take the skills and explore topics of interest through the creative process.

Grades: 9, 10, 11 & 12	Semester Course	.5 Credit (Elective)
Prerequisites: None		Regular or Honors

Project Block - English Language Arts

This is a composition course that focuses on college writing readiness. Students participate in the elements of research, concluding with the construction of a formal annotated bibliography and research paper. Students have the opportunity to submit a proposal requesting a formal writing component other than a research paper in order to better fit the needs of their final project. Other writing opportunities include but are not limited to literary analysis essay, persuasive argument, personal essay, engineering report, marketing plan.

Grades: 9, 10, 11 & 12	Semester Course	.25 Credit (English)
Prerequisites: None		Regular or Honors

Creative Writing Seminars

Fiction

By “stirring the story ingredients” through a variety of impromptu and individual exercises, participants will observe and practice writing the components of the short story genre, including character sketches, dialogue, setting descriptions, conflict development, openings and endings. Experiments in style, voice, point of view, and content will help the writer find fuel for future stories.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

Poetry

Writers, musicians, and those just curious will practice writing free verse and poetic forms such as blues, sestinas, chants, raps, and renga, to name a few. Activities may include studying poets, viewing song lyrics as poetry, and setting poems to music.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

Gathering Stories/Creative Nonfiction

Through exploring personal experiences and stories told by others, participants will strengthen communication skills and write creative nonfiction and autobiographical sketches. They will examine techniques used by published nonfiction writers and find ways to strengthen their own writing through critical and creative thinking, voice, word choice, dialogue, and detail.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

Experimental Writing

A story is not always written from beginning to end; it may be uncovered in a diary or a box of letters. A poem need not lie flat on a piece of paper; it may be lines drooping from tree branches or painted inside a seashell. By 'breaking the rules of written forms,' students will set aside the word processor and tradition, and explore fresh ways to effectively deliver the written message.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

Writing for Children

Reaching specific audiences through writing is crucial. Creating stories for children is a practical and fun way to carry on the tradition of telling stories and sharing imagination. Participants will understand aspects of child development in relation to reading and comprehension and develop actual books for children of varying ages. Both writing and page design techniques will be engaged.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

Publishing and Publication Design

Learn to write for the competitive world of magazines and newspapers, both in print and online. Develop skills in writing, page layout, and publications software. Create original print advertising, flyers, brochures and newsletters for a variety of purposes.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

Dance Seminars

Yoga 1

The practice of yoga makes the body strong and flexible—it uses movement, breath, and posture to establish a strong core and a healthy mind. This class is suitable for all levels and provides an opportunity to develop a yoga practice, best fitting the needs for you individually. Yoga 1 will serve as an introduction to asanas (physical postures of yoga), pranayama (yogic breathing), mudras (yoga of the hands), bandhas (energy gates), and meditation.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

Ballet

Learn the essence of grace and poise. Inspired by the leading ladies of yesterday - such as Grace Kelly and Anna Pavlova - this class will focus on the fundamentals of ballet and Pilates. Through the exploration of the basic essentials, students will develop strength, flexibility and coordination. In addition, the opportunity to create and present an original ballet piece will also be provided.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

Modern Dance

Drawing from everyday movement, modern dance will encourage the body to move freely, showcasing personal creativity and personal expression. Students will have the opportunity to produce a short movement study exploring their own personal technique based on modern fundamentals and concepts.

Grades: 9, 10, 11 & 12	Semester Course	0.5 Credit
Prerequisite: None		Regular

African Fusion

African dance has an enormously rich cultural heritage, spreading its roots worldwide. This course explores traditional dances, rhythms, and songs of not only Africa, but styles of the Caribbean and Afro-Brazilian cultures as well. Emphasis is on the exploration of these various techniques and understanding the strong tie between movement and the drum rhythms.

Grades: 9, 10, 11 & 12 Semester Course 0.5 Credit
Prerequisite: None Regular

Yoga 2

This course will dive deeper into the practice of yoga. Students will use the fundamentals they have learned through Yoga 1 and apply it at an intermediate level. This course will allow students to explore the holistic advantages of yoga for various ailments, prepare students to apply yoga into their daily life and will provide an opportunity for a service-learning experience such as teaching yoga to children or an elderly population.

Grades: 9, 10, 11 & 12 Semester Course 0.5 Credit
Prerequisite: None Regular

Dance Composition

So, you think you can dance, but can you MAKE dance? This course will encourage you to use all of your available skills, producing various movement studies. It will introduce you to the creative process of spontaneous movement, encouraging you to investigate new methods for making dance. We will explore texture, range, style and depth through the dance elements. Students will be inspired by each other and various movement forms as they become more articulate, dynamic, and daring. Come ready to be inspired!

Grades: 9, 10, 11 & 12 Semester Course 0.5 Credit
Prerequisite: None Regular

Engineering/Design Seminars

Introduction to Engineering

Introduction to Engineering focuses on the core principles of engineering and design. The core essential questions: How can CAD be used to my advantage? What does it mean to be an engineer? and What does it take to float? provide students with opportunities to develop the basics of engineering skills and prepare for future engineering experiences within the Étude Group. Students develop an understanding for Computer Aided Design, hand and power tool use and safety, Additive manufacturing, and the engineering design process. This all culminates in a design challenge where students are tasked with designing a new form of water recreation.

Grades: 9, 10, 11 & 12 Year Course 1 Credit
Prerequisite: None Regular

Foundations of Architectural Design

Foundations of Architectural Design is a course geared for students interested in design concepts and elements of architecture. Students spend first semester exploring architectural forms and developing ways of communicating design concepts and ideas. We develop concept boards that communicate sketching, floor planning, concept models, and site plans for multiple projects and assessments. Students transition to Computer Aided Design in the second semester, learning to develop CAD models for concepts using Revit. Students develop a home design following standards for Habitat for Humanity Lakeside. After developing concepts and CAD Models, students communicate their concepts to Habitat for Humanity Lakeside as a pitch for building their concept.

Grades: 9, 10, 11 & 12 Year Course 1 Credit
Prerequisite: None Regular

Interpreting Dramatic Texts

The majority of theatre productions begin with a script. Before that script can become a live experience though, directors, actors, and designers have to interpret the ideas in the script through the lenses of their own roles. Actors read a script through the lens of a single character, analyzing each moment for the actor's actions and the intent behind them. Directors look at the larger rhythms of storytelling in the script and identify ways to emphasize important moments through blocking and interactions between actors. Designers look for ways that the story could be enhanced with physical items like sets and costumes. In this course, students will examine scripts from the perspectives of various acting and production roles, then create a plan that could be used for production.

Grades: 9, 10, 11& 12

Semester Course

.5 Credit

Prerequisite: None

Regular

Theater Games

Theater Games is an improvisational theater class. Students will learn the basic principles of improvisation and how to apply them to a variety of warm-ups, exercises, and short scenes. This course is great for veteran performers to further hone their skills, and for timid students to get comfortable in front of an audience. Students will work in small teams to face off in dramatic competitions.

Grades: 9, 10, 11& 12

Semester Course

.5 Credit

Prerequisite: None

Regular

Music Seminars

Folk Music

The Folk music seminar attempts to understand the folk music process, traditions, and canon through a series of musical exploration and analysis. As folk music encompasses numerous stylistic genres, the repertoire within the class always allows a diverse look at folk music canon through eras, cultures, and ideas. By understanding what came before, students will be better prepared to create and absorb the music of today. The skills and techniques taught include the playing of instruments (guitar, mandolin, fiddle, piano, percussion, etc.) as well as singing and interpreting text. Learning songs by rote and by traditional notation, rehearsing with others and performing are an integral part of the classroom experience. The conceptual understandings will focus on the messages and meanings of songs in hopes of giving students deeper insights into the music makers of the past. This music seminar will focus on the re-creation of music and collaboration with others through performance. Additional focus will be on development and re-envisioning of pieces, which allow for elements of creation and interpretation of other's works.

Grades: 9, 10, 11& 12

Semester Course

.5 Credit

Prerequisite: None

Regular

Music Technology

This seminar will be a hands-on experience for producing a song from start to finish. This process typically involves creating an instrumental or "beat," which is accomplished in a number of interesting ways. One way is through the use of beat-making software (also known as MIDI sequencing) with programs like Reason or Garageband that allows users to program musical material that might include anything from a drum beat to a piano part to a synth lead. Specifically, students will learn how to quantize, arrange and synthesize a variety of musical parts into a whole. Another method of creating the instrumental is through the process of sampling, which involves capturing small bits of audio and manipulating and editing those samples into useful musical building blocks. Sampling has been one of the most important advances in the music industry and continues to play an important role in the increasingly popular form of remixes and evolving DJ culture. The seminar transitions into how to capture and produce music in our recording program. This section utilizes programs such as Pro Tools and Reaper, which allow students to explore how to edit, refine, and produce works for publication. In a world in which the demand for produced audio has increased, this section emphasizes communication and collaboration among production teams and respective recording artists to give and receive feedback; skills essential within members of the recording industry and publication process.

Grades: 9, 10, 11& 12

Semester Course

.5 Credit

Prerequisite: None

Regular

Songwriting for Bands

Students will have the opportunity to learn any of the following instruments: Electric guitar or bass, drum set, keyboards and vocals. Initially, student musicians will explore an instrument with the intent of mastering certain skills and techniques that will be necessary for functioning in an ensemble. Students will also learn methods for reading and interpreting different forms of music; both traditional and modern notation such as tablature and lead sheets. Students will then be placed into bands (typically a guitarist or two, bass guitarist, drummer and vocalist, keyboardist, etc) and re-create multiple pieces from other artists. By analyzing, interpreting and performing these songs, student bands will start to realize the challenges of playing and rehearsing music with others and also better understand what goes into composition of a song. The bands will gradually move to writing and creating their own songs and performing for others. Aside from the skills and techniques acquired through the course, students will examine the themes and cultural roles that bands have continued to play in our society. This music seminar will focus on both re-creation and creation and focus more on collaboration than the individual aspects of writing, rehearsing, and performing.

Grades: 9, 10, 11& 12

Semester Course

.5 Credit

Prerequisite: None

Regular

Voice

The voice seminar explores development of the individual vocalist and learning how mastery of one's self is the first step to becoming a lifelong singer. Students will learn to discover their own voice, how it works, and the processes and good practices to use at any stage of development. Processes learned within the seminar include various approaches to vocal technique such as breathing, body mapping, ear training, score reading, vowel shape identification and production to name a few. Part of the pedagogical approach is also understanding how to read and write using the International Phonetic Alphabet (IPA) and apply it to development of a piece. Another approach this seminar explores is how to analyze and interpret text as a performer and vocal artist to develop performance skills appropriate to genre and style. Performance of works is an integral part of the vocal development process and is featured throughout the course in multiple modes; individual performance, small, and large groups.

Grades: 9, 10, 11& 12

Semester Course

.5 Credit

Prerequisite: None

Regular

Composition & Theory

Most musicians fall into one of two categories: Those who don't read music but play by ear and those who do read music. This seminar will focus on the latter and will give students an introductory grasp of basic music theory, which includes things like notation, key signatures, chords and scales, rhythmic values, orchestration and transposition. Students will be expected to complete a number of theory-related assignments and perform on a melodic instrument of their choice (keyboard being the most ideal). The second aspect of this seminar is the application of theoretical ideas via music composition. Specific composition tasks will give students the opportunity to make use of their music theory understandings in a creative and challenging manner. Students will be expected to write out their compositions in traditional and non-traditional notation. This music seminar will focus more on the creation of original music and the individual.

Grades: 9, 10, 11& 12

Semester Course

.5 Credit

Prerequisite: None

Honors

Visual Arts Seminars

Visioning

Observe. Envision. Express. Connect. Understand. Drawing is of great importance. Through drawing we perceive and form patterns; we conceive and develop visual ideas; we articulate emotion and reflect on a great variety of content, topics, and issues; and we experience understanding in other non-art disciplines. (For instance, observation in art parallels observation in understanding of biological structure.) Drawing is also an art fundamental from which other visual art disciplines develop. Visioning will explore drawing as a skill for the recording of observations and the conception and development of design ideas. In this course students will develop their seeing, both as a way to observe and to envision. Attention will be paid to the abstract compositional aspects of imaging.

Grades: 9, 10, 11& 12

Semester Course

.5 Credit

Prerequisite: None

Regular

Forming

Forming will explore three-dimensional visual form and space via a variety of media, including ceramics, plaster sculpture, and node and strut construction. Issues such as patterning, design, problem solving, visual geometry, form and function and their application to real-world disciplines will be explored.

Grades: 9, 10, 11& 12 Semester Course .5 Credit
Prerequisite: None Regular

Graph Ex

This course will explore the design, history and concepts of visual expression and persuasion as viewed through political propaganda, advertising and children’s picture book art.

Grades: 9, 10, 11& 12 Semester Course .5 Credit
Prerequisite: None Regular

Animation 1

Animation 1 will explore the history, concepts and techniques of hands-on, two-dimensional animation. Emphasis will be placed on drawing techniques to develop the students’ understanding of mass and motion and their application to the art of animation. Animation techniques that will be introduced include: thaumatropes, zoetropes, flipbooks and digital image capturing.

Grades: 9, 10, 11& 12 Semester Course .5 Credit
Prerequisite: None Regular

Animation 2

Having gained a strong foundation in Animation 1, students will continue exploration in the art of animation. Students will form individual or collaborative animation production companies that will produce a full-animation short movie. A variety of options of technique will be presented, including claymation, multi- or single cell, collage and other forms of three-dimensional stop motion, image capture and computer editing.

Grades: 9, 10, 11& 12 Semester Course .5 Credit
Prerequisite: None Regular

Director: Ted Hamm

Phone: 920-459-0950

Location: 834 Virginia Avenue, Sheboygan, WI 53081

Website: www.étudegroup.org

School Hours: 8:00a.m.– 3:34p.m. Monday, Tuesday, Thursday, Friday & 8:00a.m.–1:55p.m. Wednesday

WIAA and After School Eligibility

Students who attend Étude High School are eligible to participate in WIAA activities and other after school activities at their neighborhood high school if they reside in the SASD.



712 Riverfront Drive
Sheboygan, WI 53081
920-459-0945
Principal- Corey Butters

“Finding what students love to do and giving them the opportunity to do it.”

George D. Warriner High School offers an opportunity for students to gain a Sheboygan Area School District high school diploma through a custom-learning plan that fits with student’s unique learning style, interests, aptitudes and schedules. This high school concept combines personalized interdisciplinary projects, college and career readiness, face-to-face classes, and online course work to create a curriculum based on each student’s skills and interests.

School Structure and Philosophy

Personalized Learning

Each student has an Academic and Career Plan (ACP) developed by the learning plan team (the student, the parent, and the advisor). The plan is developed based on a student’s personal interests and talents, as well as academic strengths and weaknesses. The plan incorporates various instructional methods, allowing the team to create a challenging and exciting plan for the student’s coursework as well as post high school plans.

College and Career Readiness

A key component of the George D. Warriner High School curriculum is incorporation of the College and Career Readiness Curriculum. Students work with their advisor and counselor to ensure that they are Career and College Ready by the time they graduate.

Students have the option to earn credits through a self-designed interdisciplinary project in which they examine “big ideas”. Students hone their research, writing, and critical thinking skills.

Maywood Partnership

Students have the option of attending school at Maywood Environmental Park on Tuesdays and Thursdays. At Maywood, students complete projects with a STEAM focus (Science, Technology, Engineering, Math, and Art).

Project Based Learning

Students have the option to earn credits through a self-designed interdisciplinary project in which they examine “big ideas”. Students hone their research, writing, and critical thinking skills.

Early College Credit Program and Start College Now:

Warriner students are given the opportunity to participate in various post-secondary options while in high school. Because of our flexible schedule, students are able to take full advantage of these programs.

Online and Blended Classes

Warriner High School students have the option to take a variety of blended and online courses to fill out their curriculum. Warriner High School is a member of the Wisconsin e-School network. This membership provides our students with access to a wide variety of high-quality online classes, including over 20 AP courses. The next page includes a list of fully online or blended classes that student are able to take.

Graduation Requirements

Students attending George D. Warriner High School need to complete the same number of credits as students graduating from any Sheboygan Area School District High School. However, George D. Warriner High School requires only one credit of physical education. Students also have the flexibility of completing interdisciplinary projects, college classes, and internships for credit.

Enrollment Procedure and Deadlines

Students and parents interested in enrolling in George D. Warriner High should complete an Intra-district Transfer Form between December 1 and February 8.

School Hours Warriner HS is open from 7:30 a.m. - 3:30 p.m. daily. Students can choose from a variety of schedules.

George D. Warriner High School Online and Blended Courses

Math	Social Studies	World Language
AP Calculus (AB or BC)	AP European History	Spanish 1, 2, 3, 4
AP Statistics	AP Human Geography	AP Spanish Language
Algebra 1A	AP Microeconomics	French 1, 2, 3, 4
Algebra 1B	AP Macroeconomics	AP French Language
Algebra 1	AP Psychology	German 1, 2, 3, 4
Geometry	AP US History	Chinese 1, 2, 3
Algebra 2	AP US Government and Politics	
Pre-Calculus	AP World History	Computer Science
Calculus	Global Studies	AP Computer Science
Personal Finance	US History	Coding: Intro to Programming
Liberal Arts Math	World History	Coding: Programming
Integrated Math	World Religion	Web Design
Consumer Math	Archeology	Game Design
	Anthropology	Intro to Computer Science
English	Psychology	Digital Information Technology
AP Literature and Composition	Sociology	Cyber Security
AP Language and Composition	Social Problems	Animation
English 1 (Freshman English)	Criminology	CAPP
English 2 (Sophomore English)	Philosophy	
English 3 (Junior English)	Civics	Electives
English 4 (Senior English)	Law and Order: Intro to Legal Studies	Art History and Criticism
Creative Writing	Economics with Financial Lit	Art in World Cultures
Gothic Literature	History of the Holocaust	AP Art History
Lord of the Rings	African American History	Digital Photography
Journalism		Music Appreciation
Grammar and Composition	Science	Principles of Public Service
Media and Communication	AP Biology	Career in Criminal Justice
	AP Chemistry	Prin. of Agriculture, Food, Nat. Resources
FACE	AP Environmental Science	Renewable Technologies
Culinary Arts	AP Physics	Intro to Business
Child Development	Biology	International Business
Early Childhood Education	Chemistry	Sports & Entertainment Marketing
Family and Consumer Science	Physics	Advertising and Sales Promotion
Family Living	Biotechnology	Entrepreneurship: Starting Your Business
Real World Parenting	Environmental Science	Manufacturing: Product Design /Innovation
Fashion and Interior Design	Marine Science	Concepts of Engineering and Technology
Human and Social Services	Veterinary Science	
Restaurant Management	Great Minds in Science	Health and PE
Hospitality and Tourism	Agri-science	Health
Cosmetology: Cutting Edge Styles	Forensic Science	Life Skills
Health Careers	Earth Space Science	Medical Terminology
First Aid and Safety	Astronomy	Personal Fitness
	Anatomy and Physiology	Fitness Lifestyle Design
	Forestry and Natural Resources	Fitness Fundamentals

Notes

It is the policy of the SHEBOYGAN AREA SCHOOL DISTRICT that no person shall, on the basis of age, handicap, marital or parental status, national origin, pregnancy, race, religion, sex or sexual orientation be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity and in employment.

Lub nroog kawm ntauw Sheboygan Tau Muaj Txoj Cai hais tias, yuau tsis cais ib leeg ib tug twg tsis hais nws caj ceg, xim nqaj daim tauw, haiv neeg, paj niam los txiv neej, knub nyoog los puas yog lov npab dig muag ceg tawv es yuav tsis pub nws tau txais nuj nqis los puas laj kam, tsis hais yam hauj lwm los yog. Vim nws yog haj neeg tau hais los raws li savm no.

La poliza del DISTRITO DE LA AREA DE SHEBOYGAN, es que ninguna persona sea excluida de participacion, o le sean negadas los beneficios, o sea sujeto a discriminacion de ningun programa o actividad o empleo basado en raza, color, origen de nacionalidad, sexo, edad o impedimento.

Questions or inquiries concerning this policy can be directed to:

Andrea Holschbach
Assistant Superintendent of Human Resources
Title IX Coordinator

Jake Konrath
Assistant Superintendent of Student & Instructional Services
Section 504 Coordinator

All career and technical education programs follow the district's policies of nondiscrimination on the basis of race, color, national origin, sex, age or handicap in all activities and in employment. In addition, arrangements can be made to insure that the lack of English language skills is not a barrier to admission or participation.

Career and technical education programs are offered in business education and information technology, Family and Consumer Sciences Education, marketing education, and technology education. For further information about these programs, contact Mr. Mark Holzman, Coordinator of Secondary Education, Department of Student & Instructional Services, 830 Virginia Avenue, Sheboygan, Wisconsin, 53081 or at 459-3548.

U.S. DEPARTMENT OF EDUCATION'S 16 CAREER CLUSTERS

Agriculture, Food, and Natural Resources--Planning, managing, and performing agricultural production and horticulture and landscaping services and related professional and technical services; mining and extraction operations; and managing and conserving natural resources and related environmental services.

Architecture and Construction--Designing, planning, managing, building, and maintaining the built environment.

Arts, A/V Technology, and Communication--Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Business Management and Administration--Planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Business management and administration career opportunities are available in every sector of the economy.

Education and Training--Planning, managing, and providing education and training services and related learning support services.

Finance--Planning, services for financial and investment planning, banking, insurance, and business financial management.

Government and Public Administration--Executing governmental functions to include governance; national security; foreign service planning; revenue and taxation; regulation; and management and administration at the local, state, and federal levels.

Health Science--Planning, managing, and providing diagnostic, therapeutic, information and environmental services in health care.

Hospitality and Tourism--Management, marketing, and operation of restaurants and other food services, lodging, attractions, recreation events, and travel-related services.

Human Services--Services that relate to families and human needs.

Information Technology (IT) --Design, development, support, and management of hardware, software, multimedia, and systems integration services. In addition to career opportunities in the IT industry, IT careers are available in every sector of the economy, from financial services to manufacturing and transportation to education.

Law, Public Safety, and Security--Planning, managing, and providing judicial, legal, and protective services.

Manufacturing--Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

Marketing, Sales, and Service--Planning, managing, and performing wholesaling and retailing services and related marketing and distribution support services, including merchandise/product management and promotion.

Science, Technology, Engineering, and Mathematics--Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

Transportation, Distribution, and Logistics--Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water, and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance.